Product Environmental Profile

MCB 1P 6kA B-16A, 1 module



Company information

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References covered

HLExxxx; HLFxxxx; HMCxxxx; HMDxxxx; HMFxxxx; HMXxxxx; MA1xxxx; MA2xxxx; MA3xxxx; MA4xxxx; MB1xxxx; MB2xxxx; MB3xxxx; MB4xxxx; MB5xxxx; MBAxxxx; MBNxxxx; MBSxxxx; MC1xxxx; MC2xxxx; MC3xxxx; MC4xxxx; MC5xxxx; MCAxxxx; MCNxxxx; MCSxxxx; MFNxxxx; MFSxxxx; MHNxxxx; MHSxxxx; MHTxxxx; MJ5xxxx; MJ7xxxx; MJNxxxx; MJSxxxx; MJTxxxx; MKNxxxx; MKSxxxx; ML5xxxx; MLNxxxx; MLSxxxx; MLUxxxx; MMNxxxx; MN1xxxx; MN2xxxx; MN3xxxx; MN4xxx; MN5xxxx; MN9xxxx; MR1xxxx; MR2xxxx; MR3xxxx; MS1xxxx; MS2xxxx; MS3xxxx; MT1xxxx; MT2xxxx; MT3xxxx; MTNxxxx; MU1xxxx; MU2xxxx; MU3xxxx; MU4xxxx; MUNxxxx; MW1xxxx; MW3xxxx; MV1xxxx; MV2xxxx; MV3xxxx; MV4xxxx; MW1xxxx; MW2xxxx; MW3xxxx; MW4xxxx; MWNxxxx; MWSxxxx; MX1xxxx; MX2xxxx; MX3xxxx; MX4xxxx; MXNxxxx; MY1xxxx; MY2xxxx; MY3xxxx; MY4xxxx; MY7xxxx; MYNxxxx; NBNxxxx; NANxxxx; NB1xxxx; NB2xxxx; NB3xxxx; NB4xxxx; NC1xxxx; NC2xxxx; NC3xxxx; NC4xxxx; NCNxxxx; ND1xxx; ND2xxxx; ND3xxxx; ND4xxxx; NDNxxxx; NENxxxx; NF1xxxx; NF2xxxx; NF3xxxx; NF4xxxx; NFNxxxx; NFTxxxx; NGNxxxx; NGTxxxx; NKNxxxx; NQNxxxx; NRNxxxx; NSNxxxx; VKSxxxx; YZBxxxx; YZCxxxx;
(for complete list of the covered references, see details in Appendix section)

Methodology

PEP has been performed according to the PCR version PEP-PCR-ed4-2021 09 06 and PSR version PSR-0005-ed3.1-2023 12 08 issued by the PEP ecopassport program.
For further information, please see the website of the program www.pep-ecopassport.org

Reference product

Reference product identification
MBN116

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
3.2 Circuit breaker family

Functional unit

Protect the installation from overloads and short circuits in a circuit with rated voltage 240V, rated current 16A, with 1 pole, a rated breaking capacity 6kA, and the tripping curve B, in the Household/Commercial area, according to the appropriate use scenario, and during the reference service life of the product of 20 years.

The functional unit is based on the use scenario recommended by the PCR for the category of the reference product.

Materials and substances

All useful measures have been adopted to ensure that the materials used in the composition of the product do not contain any substances banned by the legislation in force at the time of marketing.

Plastics			Metals			Others		
	g	%		g	%		g	%
PA6	22.03	22.7%	Steel	40.86	42.1%	Cardboard	8.37	8.6%
PA66	1.26	1.3%	Copper	5.26	5.4%	Calcium Carbonate	8.03	8.3%
PBT	0.92	0.9%	Stainless steel	1.31	1.4%	Melamine cyanurate	3.27	3.4%
PE-LD	0.46	0.5%	Invar	0.34	0.3%	Wood	2.30	2.4%
PC	0.38	0.4%	Manganese	0.24	0.2%	Glass	1.59	1.6%
Other	0.09	<0.1%	Other	0.35	0.4%	Other	0.10	0.1%
Total mass of reference product with raw material packaging :			**97.18 g**					

Total mass of reference product (Product + packaging) 92.907 g

System Boundaries

The environmental information included in the PEP covers all the stages of the life cycle, from "cradle to grave".

Manufacturing			Distribution	Installation	Use							End of life				Module D
Raw material extraction and processing	Transport to the manufacturer	Manufacturing	Distribution to the place of operation	Installation on the place of operation	Use or application of the product installed	Maintenance	Repair	Replacement	Restoration	Energy requirements during the use stage	Water requirements during the use stage	Deinstallation	Transport to the waste treatment site	Treatment of waste in view of its reuse, recovery and/or recycling	Disposal	Benefits and loads beyond the system boundaries
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Life cycle stages																

Manufacturing

These products are manufactured by a site that has received an environmental certification ISO 14001.

This phase takes into account raw materials, manufacturing processes, production offcuts and their end-of-life treatment, upstream transport of materials and sub-assemblies to the manufacturing site, and transport from the manufacturing site to the final logistics platform.

Distribution

The packaging has been designed in accordance with current regulations. In particular, the European directive 94/62/CE relative to packaging and packaging waste.

The used packaging is 100% recyclable or recoverable.
Packaging and logistic flows are continuously improved in order to reduce their impact.

This phase taken into account the transport of the finished product, including packaging, to its place of use.

Installation

Installation processes

The processes to install the product are not considered in this study because of their weak impact compared to the other life cycles steps.

This phase only take into account the impact of the the packaging waste treatment is taken into account.

Installation elements (non delivered with the product)

Elements non delivered with the product and needed to install the product are not considered.

Use

Power loss / load dependent			
Active mode		Inactive mode	
Watt	% of time	Watt	% of time
0.0546	30%	0	70%

Power consumption / not load dependent					
Active Sleep phase		Passive Sleep phase		Turn off phase	
Watt	% of time	Watt	% of time	Watt	% of time
0	0%	0	0%	0	100%

This corresponds to a total energy consumption of 2.87 kWh for the use span of 20 years.

Energy model of the use phase :

Europe

Consumables and maintenance :

None

End of life

Considering the complexity of the recycling channels for electric and electronic equipment impacts, we rely mainly on ESR modules (datasets for WEEE product end of life).

The recycling potential of the product is: 52%. The calculation of this rate is based on the method of the IEC/TR 62635.

Environmental impacts

Evaluation of the environmental impact covers the following life cycle stages: raw materials + manufacturing (RMM), distribution (D), installation (I), use (U) and end of life (EoL).

All calculations are done with EIME software version 6.2.3 with the database version CODDE® 2024-04 .

Indicators set : Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0

PEP representative of the covered products marketed in: Europe

Energy models considered for each phase

Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4
Europe	-	Europe	Europe	Europe

Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq	4.26E-03	1.04E-04	1.87E-05	5.21E-03	6.34E-04	1.02E-02	-2.86E-03
Climate change - Total (PEF-GWP)	kg CO2 eq.	6.32E-01	1.64E-02	8.28E-03	1.02E+00	1.39E-01	1.81E+00	5.22E-03
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-9.83E-03	0.00E+00	1.56E-03	1.87E-03	3.49E-03	-2.91E-03	-4.04E-04
Climate change-Fossil (PEF-GWPf)	kg CO2 eq.	6.42E-01	1.64E-02	6.72E-03	1.02E+00	1.35E-01	1.82E+00	5.63E-03
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-07	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	5.90E+02	1.08E-02	9.68E-02	1.92E+00	7.24E-01	5.93E+02	-7.04E-01
EF-particulate Matter (PEF-PM)	Incidence of diseases	2.76E-08	8.48E-10	1.11E-10	4.19E-08	4.14E-09	7.46E-08	-8.86E-09
Eutrophication, freshwater (PEF-Epf)	kg P eq.	2.34E-05	6.17E-09	9.20E-08	2.68E-06	1.38E-06	2.76E-05	-2.91E-04
Eutrophication marine (PEF-Epm)	kg N eq.	3.99E-04	4.89E-05	8.91E-06	6.35E-04	2.77E-04	1.37E-03	-1.12E-04
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	4.28E-03	5.36E-04	5.54E-05	1.02E-02	1.21E-03	1.63E-02	-1.44E-03
Human toxicity, cancer (PEF-CTUh-c)	CTUh	6.12E-09	2.89E-13	7.40E-10	1.28E-10	1.30E-10	7.12E-09	-9.15E-10
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	2.89E-08	5.60E-12	2.16E-11	3.06E-09	3.32E-09	3.53E-08	-3.33E-08
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	2.27E+00	4.01E-05	1.00E-03	1.46E+00	4.62E-03	3.74E+00	9.55E-05
Land use (PEF-LU)	No dimension	5.12E-02	0.00E+00	1.79E-05	2.81E-02	1.90E-01	2.69E-01	-5.39E-01
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	7.92E-08	2.52E-11	8.61E-11	4.93E-09	8.42E-09	9.26E-08	-5.30E-10
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	1.55E-03	1.35E-04	1.29E-05	2.00E-03	3.16E-04	4.02E-03	-5.73E-04
Resource use, fossils (PEF-ADPf)	MJ	2.49E+01	2.30E-01	6.37E-02	2.57E+01	1.04E+00	5.19E+01	-5.05E-01
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	5.77E-05	6.48E-10	1.56E-10	3.60E-07	2.21E-07	5.83E-05	-8.92E-06
Water use (PEF-WU)	m3 eq.	2.91E-01	6.25E-05	5.00E-04	7.79E-02	2.00E+01	2.04E+01	-3.70E+01

Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m^3	6.78E-03	1.46E-06	1.17E-05	1.83E-03	5.60E-01	5.69E-01	-8.46E-01
Total use of primary energy	MJ	2.52E+01	2.30E-01	7.22E-02	3.25E+01	1.14E+00	5.91E+01	-6.19E-01
Total use of non renewable primary energy resources	MJ	2.49E+01	2.30E-01	6.37E-02	2.57E+01	1.04E+00	5.19E+01	-5.05E-01
Total use of renewable primary energy resources	MJ	3.03E-01	3.06E-04	8.50E-03	6.79E+00	9.94E-02	7.21E+00	-1.14E-01
Use of non-renewable primary energy, excluding non renewable primary energy resources used as raw materials	MJ	2.40E+01	2.30E-01	6.37E-02	2.57E+01	1.04E+00	5.10E+01	-5.05E-01
Use of non-renewable primary energy resources as raw materials	MJ	8.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-01	0.00E+00
Use of non-renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	kg	1.09E-01	3.06E-04	8.50E-03	6.79E+00	9.94E-02	7.01E+00	-1.14E-01
Use of renewable primary energy resources as raw materials	MJ	1.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-01	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary materials	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Waste category indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Hazardous waste disposed	kg	1.12E+00	0.00E+00	1.64E-04	4.46E-02	-4.21E-05	1.17E+00	1.71E-20
Non-hazardous waste disposed	kg	5.69E-02	5.78E-04	2.75E-03	1.72E-01	5.70E-04	2.33E-01	6.34E-20
Radioactive waste disposed	kg	1.95E-05	4.11E-07	3.30E-07	3.94E-05	2.42E-08	5.96E-05	0.00E+00

Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	7.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-04	0.00E+00
Materials for energy recovery	kg	1.05E-03	0.00E+00	5.52E-04	0.00E+00	0.00E+00	1.60E-03	0.00E+00
Materials for recycling	kg	3.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-02	0.00E+00

Biogenic carbon content

Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	8.37E-03	6.96E-05	2.30E-03	1.07E-02
Biogenic carbon content (declared unit)	kg of C	2.34E-03	2.63E-05	9.11E-04	3.28E-03
Biogenic carbon content (functional unit)	kg of C	2.34E-03	2.63E-05	9.11E-04	3.28E-03
Source		ADEME	APESA/RECORD	EN 16485	

Product	Unit	Cardboard	Paper	Wood	Sum
Mass	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (declared unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (functional unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Extrapolation rules

No extrapolation rules

Verification

Registration N°: HAGE-00928-V02.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH37	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 12-2024	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal ● External ○		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019 The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		

Nota :

The picture has no contractual value.
All numerical values indicated in this document may vary and depend of many factors such as the tolerance related to materials, the usage and environment conditions of the products, installation characteristics ... , real values for a product in a concrete application may therefore change.
The usage time mentioned in this document is an average duration chosen for the need of the calculations. This value cannot be assimilated to the minimum, average or real life time.
The responsibility of the company, issuing this document, can never be engaged if differences would be noticed between the values given by this document and real ones, whatever the causes and/or consequences would be.

Appendix

Stage	Product	Acidification (PEF-AP) - [mole of H+ equiv]	Climate change - Total (PEF-GWP) - [kg CO2 eq.]	Climate change-Biogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPf) - [kg CO2 eq.]	Climate change-Land use and land use change (PEF-GWPlu) - [kg CO2 eq.]	Components for reuse - [kg]	Ecotoxicity, freshwater (PEF-CTUe) - [CTUe]	Eutrophication, freshwater (PEF-Epf) - [kg P eq.]	Eutrophication, marine (PEF-Epm) - [kg N eq.]	Eutrophication, terrestrial (PEF-Ept) - [mole of N eq.]	Exported Energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUh-c) - [CTUh]	Human toxicity, non-cancer (PEF-CTUh-c) - [CTUh]	Ionising radiation, human health (PEF-IR) - [kg Bq U235 eq.]	Land use ((PEF-LU)	Materials for energy recovery - [kg]	Materials for recycling - [kg]	Net use of fresh water - [m3]	Non hazardous waste disposed - [kg]	Non renewable primary energy used as energy - [MJ]	Non renewable primary energy used as raw material - [MJ]	Ozone depletion (PEF-ODP) - [kg CFC-11 eq.]	EF-particulate Matter (PEF-PM) - [incidence of diseases]	Photochemical ozone formation - human health (PEF-POCP) - [kg of NMVOC	Radioactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [MJ]	Resource use, fossils (PEF-ADPf) - [MJ]	Resource use, minerals and metals (PEF-ADPe) - [kg Sb eq]	Total non renewable primary energy - [MJ]	Total primary energy - [MJ]	Total renewable primary energy - [MJ]	Use of non renewable secondary fuels - [MJ]	Use of renewable secondary fuels - [MJ]	Use of secondary material [kg]	Water use (PEF-WU) - [m3 eq.]
Manufacturing A1 - A3	MBN116	4.26E-03	6.32E-01	-9.83E-03	6.42E-01	9.10E-07	0.00E+00	5.90E+02	2.34E-05	3.99E-04	4.28E-03	7.77E-04	1.12E+00	6.12E-09	2.89E-08	2.27E+00	5.12E-02	1.05E-03	3.35E-02	6.78E-03	5.69E-02	2.40E+01	8.44E-01	7.92E-08	2.76E-08	1.55E-03	1.95E-05	1.09E-01	1.94E-01	2.49E+01	5.77E-05	2.49E+01	2.52E+01	3.03E-01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
	HLE180S	3.25E-02	3.21E+00	-1.30E-02	3.41E+00	3.75E-06	0.00E+00	1.09E+03	6.95E-04	2.29E-03	2.84E-02	1.65E-03	1.65E+01	3.02E-08	5.42E-07	3.80E+01	1.96E+00	2.28E-03	2.82E-01	8.39E-02	3.28E-01	1.31E+02	1.98E+00	3.05E-06	1.71E-07	8.11E-03	1.56E-04	1.79E+00	4.87E-01	1.34E+02	1.77E-03	1.34E+02	1.45E+02	2.76E+00	0.00E+00	0.00E+00	0.00E+00	3.61E+00
	HLE280S	4.25E-02	3.57E+00	-1.29E-02	3.73E+00	3.84E-06	0.00E+00	1.17E+03	7.19E-04	2.79E-03	3.30E-02	5.73E-03	1.92E+01	4.49E-08	5.72E-07	4.28E+01	2.02E+00	5.50E-03	2.90E-01	9.68E-02	6.16E-01	1.57E+02	3.48E+00	3.15E-06	2.56E-07	1.17E-02	3.27E-04	1.91E+00	7.09E-01	1.58E+02	3.90E-03	1.58E+02	1.69E+02	3.54E+00	0.00E+00	0.00E+00	0.00E+00	4.06E+00
	HLE290S	5.02E-02	3.67E+00	-3.06E-03	3.83E+00	3.84E-06	0.00E+00	1.98E+03	7.49E-04	2.96E-03	3.44E-02	5.73E-03	2.34E+01	4.00E-08	6.56E-07	5.07E+01	2.18E+00	5.50E-03	2.90E-01	9.83E-02	6.17E-01	1.57E+02	3.87E+00	3.19E-06	2.92E-07	1.19E-02	3.36E-04	2.00E+00	8.76E-01	1.58E+02	4.03E-03	1.58E+02	1.73E+02	3.56E+00	0.00E+00	0.00E+00	0.00E+00	4.18E+00
	HLE380S	6.32E-02	4.21E+00	-2.52E-02	4.43E+00	3.67E-06	0.00E+00	2.10E+03	8.20E-04	3.15E-03	3.58E-02	5.35E-03	2.65E+01	4.45E-08	6.59E-07	5.11E+01	2.22E+00	6.14E-03	2.71E-01	9.80E-02	8.65E-01	1.58E+02	3.91E+00	3.13E-06	3.95E-07	1.31E-02	3.57E-04	2.40E+00	1.26E+00	1.57E+02	3.14E-03	1.57E+02	1.69E+02	3.97E+00	0.00E+00	0.00E+00	0.00E+00	4.25E+00
	HLE390S	6.39E-02	3.55E+00	-8.90E-05	3.86E+00	3.66E-06	0.00E+00	1.17E+03	8.22E-04	2.78E-03	3.29E-02	5.35E-03	2.85E+01	4.02E-08	6.69E-07	5.36E+01	2.23E+00	6.14E-03	2.71E-01	9.78E-02	9.09E-01	1.59E+02	3.19E+00	3.30E-06	4.04E-07	1.29E-02	3.64E-04	2.43E+00	1.02E+00	1.59E+02	3.33E-03	1.59E+02	1.70E+02	4.06E+00	0.00E+00	0.00E+00	0.00E+00	4.24E+00
	HLF180S	3.28E-02	3.26E+00	-1.30E-02	3.46E+00	4.19E-06	0.00E+00	1.08E+03	6.98E-04	2.34E-03	2.91E-02	1.65E-03	1.65E+01	3.00E-08	5.47E-07	3.82E+01	1.99E+00	2.28E-03	2.82E-01	8.40E-02	3.28E-01	1.33E+02	1.98E+00	3.55E-06	1.74E-07	8.18E-03	1.56E-04	1.99E+00	4.86E-01	1.37E+02	1.76E-03	1.37E+02	1.47E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	3.61E+00
	HLF190S	2.97E-02	2.84E+00	-4.70E-03	3.09E+00	3.09E-06	0.00E+00	1.09E+03	5.71E-04	2.07E-03	2.63E-02	1.66E-03	1.61E+01	2.80E-08	4.89E-07	3.48E+01	1.65E+00	2.28E-03	2.42E-01	4.30E-02	3.27E-01	1.25E+02	1.99E+00	2.62E-06	1.54E-07	7.65E-03	1.57E-04	1.33E+00	4.87E-01	1.28E+02	1.87E-03	1.28E+02	1.28E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
	HLF199S	3.13E-02	2.85E+00	-4.40E-03	3.11E+00	3.02E-06	0.00E+00	1.04E+03	5.87E-04	2.07E-03	2.63E-02	1.66E-03	1.64E+01	2.71E-08	5.03E-07	3.64E+01	1.72E+00	2.28E-03	2.43E-01	4.32E-02	3.34E-01	1.24E+02	1.95E+00	2.65E-06	1.60E-07	8.16E-03	1.57E-04	1.33E+00	4.89E-01	1.28E+02	1.96E-03	1.28E+02	1.27E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
	HLF280S	4.28E-02	3.61E+00	-1.29E-02	3.78E+00	4.24E-06	0.00E+00	1.26E+03	7.25E-04	2.84E-03	3.38E-02	5.73E-03	1.92E+01	4.33E-08	5.73E-07	4.31E+01	2.05E+00	5.50E-03	2.90E-01	9.69E-02	6.20E-01	1.59E+02	3.50E+00	3.72E-06	2.58E-07	1.18E-02	3.36E-04	2.08E+00	7.22E-01	1.61E+02	3.94E-03	1.61E+02	1.72E+02	3.77E+00	0.00E+00	0.00E+00	0.00E+00	4.07E+00
	HLF290S	4.80E-02	3.19E+00	-2.44E-03	3.51E+00	3.23E-06	0.00E+00	1.17E+03	6.36E-04	2.56E-03	3.11E-02	4.53E-03	2.27E+01	4.00E-08	6.14E-07	4.70E+01	1.87E+00	5.10E-03	2.53E-01	6.59E-02	6.14E-01	1.51E+02	3.15E+00	2.77E-06	2.78E-07	1.07E-02	2.93E-04	1.61E+00	7.08E-01	1.53E+02	4.40E-03	1.53E+02	1.57E+02	3.07E+00	0.00E+00	0.00E+00	0.00E+00	2.77E+00
	HLF299S	4.81E-02	3.25E+00	-6.58E-04	3.52E+00	3.29E-06	0.00E+00	1.17E+03	6.36E-04	2.58E-03	3.13E-02	4.53E-03	2.32E+01	4.07E-08	6.25E-07	4.74E+01	1.87E+00	5.12E-03	2.54E-01	6.75E-02	6.23E-01	1.53E+02	3.16E+00	2.83E-06	2.84E-07	1.08E-02	2.95E-04	1.60E+00	7.08E-01	1.53E+02	4.39E-03	1.53E+02	1.59E+02	3.07E+00	0.00E+00	0.00E+00	0.00E+00	2.81E+00
	HLF380S	6.39E-02	4.25E+00	-2.48E-02	4.50E+00	3.67E-06	0.00E+00	2.11E+03	8.19E-04	3.19E-03	3.66E-02	5.35E-03	2.64E+01	4.40E-08	6.59E-07	5.12E+01	2.21E+00	6.14E-03	2.71E-01	9.80E-02	9.27E-01	1.59E+02	3.91E+00	3.33E-06	4.00E-07	1.33E-02	3.64E-04	2.42E+00	1.26E+00	1.59E+02	3.10E-03	1.59E+02	1.71E+02	4.08E+00	0.00E+00	0.00E+00	0.00E+00	4.25E+00
	HLF390S	6.35E-02	4.28E+00	-2.60E-03	4.46E+00	3.65E-06	0.00E+00	2.10E+03	8.22E-04	3.14E-03	3.57E-02	5.35E-03	2.86E+01	4.15E-08	6.71E-07	5.39E+01	2.22E+00	6.14E-03	2.71E-01	9.85E-02	8.49E-01	1.58E+02	3.91E+00	2.93E-06	4.02E-07	1.33E-02	3.57E-04	2.16E+00	1.26E+00	1.57E+02	3.36E-03	1.57E+02	1.69E+02	3.71E+00	0.00E+00	0.00E+00	0.00E+00	4.26E+00
	HLF399S	6.36E-02	3.55E+00	-1.68E-03	3.81E+00	3.68E-06	0.00E+00	1.75E+03	8.29E-04	2.75E-03	3.24E-02	5.34E-03	2.85E+01	4.44E-08	6.69E-07	5.39E+01	2.22E+00	6.15E-03	2.73E-01	9.78E-02	8.75E-01	1.58E+02	3.28E+00	2.96E-06	4.03E-07	1.28E-02	3.58E-04	2.15E+00	1.04E+00	1.58E+02	3.36E-03	1.58E+02	1.69E+02	3.74E+00	0.00E+00	0.00E+00	0.00E+00	4.25E+00
	HMB180	3.62E-02	3.29E+00	3.00E-03	3.08E+00	3.65E-06	0.00E+00	1.01E+03	7.04E-04	2.28E-03	2.62E-02	1.99E-03	1.49E+01	2.40E-08	4.43E-07	3.61E+01	2.03E+00	2.63E-03	2.45E-01	9.36E-02	3.60E-01	1.20E+02	1.91E+00	2.88E-06	2.27E-07	9.29E-03	1.50E-04	1.99E+00	5.15E-01	1.34E+02	1.55E-03	1.34E+02	1.28E+02	3.09E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+00
	HMB190	3.65E-02	3.35E+00	4.75E-03	3.14E+00	3.59E-06	0.00E+00	1.11E+03	7.10E-04	2.31E-03	2.66E-02	2.09E-03	1.49E+01	2.58E-08	4.53E-07	3.61E+01	2.11E+00	2.76E-03	2.44E-01	9.69E-02	3.78E-01	1.20E+02	2.01E+00	2.84E-06	2.29E-07	9.34E-03	1.55E-04	2.03E+00	5.36E-01	1.34E+02	1.88E-03	1.34E+02	1.27E+02	3.15E+00	0.00E+00	0.00E+00	0.00E+00	3.85E+00
	HMB199	3.70E-02	3.35E+00	5.20E-03	3.14E+00	3.51E-06	0.00E+00	1.05E+03	7.06E-04	2.32E-03	2.67E-02	2.08E-03	1.48E+01	2.67E-08	4.49E-07	3.64E+01	2.10E+00	2.76E-03	2.45E-01	9.65E-02	3.97E-01	1.19E+02	1.96E+00	2.86E-06	2.31E-07	9.41E-03	1.54E-04	2.02E+00	5.36E-01	1.33E+02	1.94E-03	1.33E+02	1.26E+02	3.17E+00	0.00E+00	0.00E+00	0.00E+00	3.84E+00
	HMB280	4.77E-02	4.75E+00	6.46E-03	4.16E+00	4.06E-06	0.00E+00	1.25E+03	9.21E-04	3.20E-03	3.71E-02	6.91E-03	2.09E+01	4.11E-08	5.45E-07	4.81E+01	2.54E+00	7.87E-03	2.69E-01	1.06E-01	6.21E-01	1.72E+02	3.65E+00	3.71E-06	2.88E-07	1.49E-02	4.24E-04	2.14E+00	7.46E-01	1.92E+02	3.43E-03	1.92E+02	1.88E+02	3.74E+00	0.00E+00	0.00E+00	0.00E+00	4.19E+00
	HMB290	5.24E-02	4.78E+00	9.94E-03	4.19E+00	4.02E-06	0.00E+00	1.25E+03	1.02E-03	3.24E-03	3.75E-02	6.91E-03	2.47E+01	3.94E-08	6.21E-07	5.38E+01	2.72E+00	7.87E-03	2.70E-01	1.07E-01	6.38E-01	1.71E+02	3.65E+00	3.67E-06	3.15E-07	1.49E-02	4.22E-04	2.24E+00	7.49E-01	1.91E+02	3.65E-03	1.91E+02	1.87E+02	3.78E+00	0.00E+00	0.00E+00	0.00E+00	4.28E+00
	HMB299	5.25E-02	4.84E+00	1.20E-02	4.20E+00	4.07E-06	0.00E+00	1.25E+03	1.02E-03	3.26E-03	3.76E-02	6.90E-03	2.50E+01	4.18E-08	6.32E-07	5.37E+01	2.72E+00	7.88E-03	2.70E-01	1.09E-01	6.45E-01	1.73E+02	3.65E+00	3.73E-06	3.21E-07	1.51E-02	4.24E-04	2.25E+00	7.48E-01	1.91E+02	3.62E-03	1.91E+02	1.89E+02	3.80E+00	0.00E+00	0.00E+00	0.00E+00	4.31E+00
	HMB380	7.93E-02	7.19E+00	1.95E-02	7.18E+00	5.05E-06	0.00E+00	2.36E+03	1.31E-03	4.71E-03	5.22E-02	6.15E-03	4.18E+01	4.11E-08	9.56E-07	8.93E+01	3.86E+00	8.32E-03	5.27E-01	1.29E-01	9.33E-01	2.65E+02	4.90E+00	7.62E-06	5.34E-07	2.06E-02	4.41E-04	4.33E+00	1.52E+00	2.70E+02	2.36E-03	2.70E+02	2.76E+02	5.85E+00	0.00E+00	0.00E+00	0.00E+00	5.53E+00
	HMB480	1.06E-01	9.65E+00	2.22E-02	9.62E+00	9.41E-06	0.00E+00	3.17E+03	1.75E-03	6.29E-03	6.98E-02	8.24E-03	5.57E+01	5.54E-08	1.27E-06	1.19E+02	5.15E+00	1.12E-02	7.05E-01	1.72E-01	1.22E+00	3.55E+02	6.63E+00	1.06E-05	7.11E-07	2.75E-02	5.68E-04	5.74E+00	2.08E+00	3.62E+02	3.16E-03	3.62E+02	3.69E+02	7.82E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+00
	HMB490	1.06E-01	9.69E+00	2.44E-02	9.66E+00	9.42E-06	0.00E+00	3.17E+03	1.77E-03	6.33E-03	7.02E-02	8.22E-03	5.62E+01	5.54E-08	1.28E-06	1.19E+02	5.24E+00	1.11E-02	7.09E-01	1.73E-01	1.25E+00	3.56E+02	6.63E+00	1.06E-05	7.16E-07	2.76E-02	5.89E-04	5.88E+00	2.08E+00	3.63E+02	3.49E-03	3.63E+02	3.71E+02	7.96E+00	0.00E+00	0.00E+00	0.00E+00	7.44E+00
	HMB499	1.06E-01	9.68E+00	2.42E-02	9.66E+00	9.42E-06	0.00E+00	3.17E+03	1.77E-03	6.32E-03	7.02E-02	8.22E-03	5.61E+01	5.58E-08	1.28E-06	1.19E+02	5.24E+00	1.11E-02	7.09E-01	1.73E-01	1.26E+00	3.56E+02	6.63E+00	1.06E-05	7.15E-07	2.76E-02	5.89E-04	5.86E+00	2.08E+00	3.63E+02	3.49E-03	3.63E+02	3.71E+02	7.94E+00	0.00E+00	0.00E+00	0.00E+00	7.44E+00
	HMC180	3.66E-02	3.37E+00	2.57E-03	3.19E+00	4.04E-06	0.00E+00	1.23E+03	7.14E-04	2.44E-03	2.78E-02	2.10E-03	1.50E+01	2.34E-08	4.57E-07	3.65E+01	2.10E+00	2.83E-03	2.46E-01	9.37E-02	3.58E-01	1.22E+02	2.33E+00	3.41E-06	2.31E-07	9.40E-03	1.50E-04	2.18E+00	6.40E-01	1.37E+02	1.57E-03	1.37E+02	1.29E+02	3.32E+00	0.00E+00	0.00E+00	0.00E+00	3.68E+00
	HMC180T	3.66E-02	3.34E+00	2.97E-03	3.14E+00	4.04E-06	0.00E+00	1.10E+03	7.12E-04	2.33E-03	2.69E-02	2.08E-03	1.49E+01	2.35E-08	4.55E-07	3.64E+01	2.10E+00	2.75E-03	2.46E-01	9.37E-02	3.59E-01	1.22E+02	1.95E+00	3.43E-06	2.31E-07	9.34E-03	1.50E-04	2.17E+00	5.34E-01	1.37E+02	1.58E-03	1.37E+02	1.29E+02	3.31E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+00
	HMC190	3.40E-02	3.05E+00	4.59E-03	2.90E+00	2.93E-06	0.00E+00	1.32E+03	5.78E-04	2.11E-03	2.45E-02	2.12E-03	1.60E+01	2.58E-08	4.01E-07	3.51E+01	1.72E+00	2.87E-03	2.04E-01	6.25E-02	3.83E-01	1.14E+02	2.13E+00	2.44E-06	2.13E-07	8.86E-03	1.60E-04	1.58E+00	5.54E-01	1.27E+02	1.88E-03	1.27E+02	1.10E+02	2.59E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
	HMC190T	3.37E-02	2.97E+00	4.59E-03	2.83E+00	2.92E-06	0.00E+00	1.12E+03	5.74E-04	2.08E-03	2.43E-02	2.09E-03	1.41E+01	2.59E-08	3.92E-07	3.16E+01	1.71E+00	2.76E-03	2.04E-01	6.23E-02	3.79E-01	1.14E+02	2.01E+00	2.42E-06	2.11E-07	8.80E-03	1.55E-04	1.53E+00	5.36E-01	1.27E+02	1.88E-03	1.27E+02	1.10E+02	2.58E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+00
	HMC199	3.44E-02	2.98E+00	5.03E-03	2.82E+00	2.81E-06	0.00E+00	1.06E+03	5.77E-04	2.09E-03	2.44E-02	2.08E-03	1.40E+01	2.68E-08	3.98E-07	3.20E+01	1.73E+00	2.76E-03	2.05E-01	6.20E-02	3.98E-01	1.13E+02	1.96E+00	2.45E-06	2.14E-07	8.86E-03	1.54E-04	1.52E+00	5.36E-01	1.26E+02	1.94E-03	1.26E+02	1.09E+02	2.58E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+00
	HMC199T	3.44E-02	2.98E+00	5.03E-03	2.82E+00	2.81E-06	0.00E+00	9.66E+02	5.77E-04	2.09E-03	2.44E-02	2.01E-03	1.40E+01	2.68E-08	3.97E-07	3.20E+01	1.71E+00	2.65E-03	2.05E-01	6.20E-02	3.98E-01	1.13E+02	1.93E+00	2.45E-06	2.14E-07	8.86E-03	1.54E-04	1.52E+00	5.17E-01	1.26E+02	1.91E-03	1.26E+02	1.09E+02	2.58E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+00
	HMC280	4.80E-02	4.84E+00	6.40E-03	4.23E+00	4.59E-06	0.00E+00	1.25E+03	9.23E-04	3.26E-03	3.80E-02	6.91E-03	2.09E+01	3.92E-08	5.47E-07	4.85E+01	2.57E+00	7.87E-03	2.69E-01	1.06E-01	6.24E-01	1.75E+02	3.67E+00	4.32E-06	2.91E-07	1.50E-02	4.37E-04	2.38E+00	7.47E-01	1.95E+02	3.46E-03	1.95E+02	1.91E+02	3.97E+00	0.00E+00	0.00E+00	0.00E+00	4.19E+00
	HMC280T	4.80E-02	4.84E+00	5.10E-03	4.23E+00	4.59E-06	0.00E+00	1.35E+03	9.24E-04	3.26E-03	3.80E-02	6.91E-03	2.09E+01	3.92E-08	5.47E-07	4.85E+01	2.59E+00	7.87E-03	2.69E-01	1.06E-01	6.24E-01	1.75E+02	3.69E+00	4.32E-06	2.91E-07	1.50E-02	4.37E-04	2.38E+00	7.69E-01	1.95E+02	3.47E-03	1.95E+02	1.91E+02	3.97E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+00
	HMC290	4.94E-02	4.37E+00	9.41E-03	3.91E+00	3.40E-06	0.00E+00	1.25E+03	8.25E-04	3.00E-03	3.54E-02	5.89E-03	2.36E+01	4.10E-08	5.75E-07	4.94E+01	2.22E+00	7.53E-03	2.36E-01	7.50E-02	6.40E-01	1.66E+02	3.32E+00	3.26E-06	2.94E-07	1.36E-02	3.81E-04	1.78E+00	7.46E-01	1.85E+02	4.11E-03	1.85E+02	1.72E+02	3.25E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+00
	HMC290T	5.02E-02	4.40E+00	9.35E-03	3.92E+00	3.42E-06	0.00E+00	1.97E+03	9.27E-04	3.01E-03	3.55E-02	5.91E-03	2.41E+01	3.95E-08	5.81E-07	5.03E+01	2.45E+00	7.54E-03	2.34E-01	7.66E-02	6.34E-01	1.66E+02	3.36E+00	3.26E-06	3.01E-07	1.38E-02	3.81E-04	1.79E+00	7.69E-01	1.85E+02	4.16E-03	1.85E+02	1.72E+02	3.25E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00
	HMC299	5.02E-02	4.45E+00	1.14E-02	3.93E+00	3.46E-06	0.00E+00	1.96E+03	9.28E-04	3.03E-03	3.56E-02	5.90E-03	2.44E+01	4.02E-08	5.92E-07	5.03E+01	2.45E+00	7.55E-03	2.33E-01	7.76E-02	6.41E-01	1.67E+02	3.37E+00	3.32E-06	3.07E-07	1.39E-02	3.83E-04	1.79E+00	7.69E-01	1.86E+02	4.16E-03	1.86E+02	1.74E+02	3.25E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+00
	HMC299T	5.02E-02	4.43E+00	1.14E-02	3.92E+00	3.46E-06	0.00E+00	1.96E+03	9.28E-04	3.02E-03	3.56E-02	5.90E-03	2.44E+01	4.02E-08	5.92E-07	5.03E+01	2.45E+00	7.55E-03	2.33E-01	7.76E-02	6.41E-01	1.67E+02	3.37E+00	3.32E-06	3.07E-07	1.39E-02	3.83E-04	1.79E+00	7.69E-01	1.86E+02	4.16E-03	1.86E+02	1.74E+02	3.25E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00
	HMC380	7.93E-02	7.19E+00	1.95E-02	7.18E+00	5.05E-06	0.00E+00	2.36E+03	1.31E-03	4.71E-03	5.23E-02	6.15E-03	4.18E+01	4.11E-08	9.56E-07	8.93E+01	3.86E+00	8.32E-03	5.27E-01	1.29E-01	9.33E-01	2.65E+02	4.90E+00	7.62E-06	5.34E-07	2.06E-02	4.41E-04	4.33E+00	1.52E+00	2.70E+02	2.36E-03	2.70E+02	2.76E+02	5.85E+00	0.00E+00	0.00E+00	0.00E+00	5.53E+00
	HMC390	7.85E-02	6.96E+00	2.04E-02	6.94E+00	5.06E-06	0.00E+00	2.35E+03	1.33E-03	4.58E-03	5.06E-02	6.14E-03	4.21E+01	4.09E-08	9.58E-07	8.89E+01	3.92E+00	8.31E-03	5.30E-01	1.29E-01	8.56E-01	2.56E+02	4.89E+00	6.59E-06	5.22E-07	2.02E-02	4.21E-04	3.37E+00	1.52E+00	2.61E+02	2.60E-03	2.61E+02	2.66E+02	4.89E+00	0.00E+00	0.00E+00	0.00E+00	5.54E+00
	HMC399	7.84E-02	6.96E+00	2.03E-02	6.94E+00	5.06E-06	0.00E+00	2.35E+03	1.33E-03	4.58E-03	5.06E-02	6.13E-03	4.21E+01	4.12E-08	9.57E-07	8.86E+01	3.92E+00	8.30E-03	5.30E-01	1.29E-01	8.61E-01	2.56E+02	4.89E+00	6.59E-06	5.22E-07	2.02E-02	4.21E-04	3.36E+00	1.52E+00	2.61E+02	2.60E-03	2.61E+02	2.66E+02	4.88E+00	0.00E+00	0.00E+00	0.00E+00	5.54E+00
	HMC480	1.06E-01	9.65E+00	2.22E-02	9.62E+00	9.41E-06	0.00E+00	3.17E+03	1.75E-03	6.29E-03	6.98E-02	8.24E-03	5.57E+01	5.54E-08	1.27E-06	1.19E+02	5.15E+00	1.11E-02	7.05E-01	1.72E-01	1.22E+00	3.55E+02	6.63E+00	1.06E-05	7.11E-07	2.75E-02	5.68E-04	5.74E+00	2.08E+00	3.62E+02	3.16E-03	3.62E+02	3.69E+02	7.82E+00	0.00E+00	0.00E+00	0.00E+00	7.38E+00
	HMC490	1.05E-01	9.31E+00	2.31E-02	9.29E+00	6.38E-06	0.00E+00	3.15E+03	1.77E-03	6.12E-03	6.75E-02	8.22E-03	5.62E+01	5.52E-08	1.28E-06	1.18E+02	5.22E+00	1.11E-02	7.09E-01	1.72E-01	1.11E+00	3.42E+02	6.53E+00	9.01E-06	6.95E-07	2.69E-02	5.39E-04	4.42E+00	2.08E+00	3.49E+02	3.49E-03	3.49E+02	3.55E+02	6.50E+00	0.00E+00	0.00E+00	0.00E+00	7.40E+00
	HMC499	1.05E-01	9.31E+00	2.29E-02	9.29E+00	6.38E-06	0.00E+00	3.15E+03	1.77E-03	6.12E-03	6.75E-02	8.22E-03	5.61E+01	5.56E-08	1.28E-06	1.18E+02	5.22E+00	1.11E-02	7.09E-01	1.72E-01	1.12E+00	3.42E+02	6.53E+00	9.00E-06	6.95E-07	2.69E-02	5.39E-04	4.42E+00	2.08E+00	3.49E+02	3.49E-03	3.49E+02	3.55E+02	6.50E+00	0.00E+00	0.00E+00	0.00E+00	7.40E+00
	HMD180	3.65E-02	3.33E+00	2.97E-03	3.12E+00	4.02E-06	0.00E+00	9.98E+02	7.08E-04	2.31E-03	2.65E-02	1.99E-03	1.50E+01	2.43E-08	4.53E-07	3.64E+01	2.07E+00	2.63E-03	2.46E-01	9.36E-02	3.59E-01	1.22E+02	1.92E+00	3.33E-06	2.29E-07	9.33E-03	1.50E-04	2.17E+00	5.13E-01	1.35E+02	1.56E-03	1.35E+02	1.29E+02	3.27E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+00
	HMD180T	3.65E-02	3.33E+00	2.97E-03	3.12E+00	4.04E-06	0.00E+00	9.98E+02	7.11E-04	2.31E-03	2.65E-02	2.01E-03	1.50E+01	2.38E-08	4.53E-07	3.64E+01	2.08E+00	2.65E-03	2.46E-01	9.36E-02	3.59E-01	1.22E+02	1.92E+00	3.35E-06	2.29E-07	9.34E-03	1.50E-04	2.17E+00	5.15E-01	1.36E+02	1.55E-03	1.36E+02	1.29E+02	3.27E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+00
	HMD190	3.67E-02	3.38E+00	4.77E-03	3.15E+00	3.93E-06	0.00E+00	1.01E+03	7.06E-04	2.33E-03	2.68E-02	1.99E-03	1.49E+01	2.57E-08	4.52E-07	3.62E+01	2.08E+00	2.63E-03	2.45E-01	9.69E-02	3.78E-01	1.21E+02	1.97E+00	3.29E-06	2.30E-07	9.39E-03	1.55E-04	2.19E+00	5.17E-01	1.35E+02	1.85E-03	1.35E+02	1.28E+02	3.27E+00	0.00E+00	0.00E+00	0.00E+00	3.85E+00
	HMD190T	3.67E-02	3.38E+00	4.77E-03	3.15E+00	3.95E-06	0.00E+00	1.01E+03	7.09E-04	2.33E-03	2.68E-02	2.01E-03	1.49E+01	2.57E-08	4.52E-07	3.63E+01	2.08E+00	2.65E-03	2.45E-01	9.69E-02	3.78E-01	1.21E+02	1.97E+00	3.30E-06	2.30E-07	9.39E-03	1.55E-04	2.19E+00	5.17E-01	1.35E+02	1.85E-03	1.35E+02	1.28E+02	3.27E+00	0.00E+00	0.00E+00	0.00E+00	3.85E+00
	HMD199	3.74E-02	3.44E+00	5.21E-03	3.23E+00	3.88E-06	0.00E+00	1.21E+03	7.11E-04	2.36E-03	2.70E-02	2.12E-03	1.68E+01	2.64E-08	4.59E-07	4.04E+01	2.10E+00	2.87E-03	2.46E-01	9.65E-02	4.01E-01	1.21E+02	2.11E+00	3.37E-06	2.33E-07	9.49E-03	1.58E-04	2.23E+00	5.54E-01	1.34E+02	1.94E-03	1.34E+02	1.27E+02	3.30E+00	0.00E+00	0.00E+00	0.00E+00	3.85E+00
	HMD199T	3.71E-02	3.38E+00	5.21E-03	3.16E+00	3.87E-06	0.00E+00	1.05E+03	7.08E-04	2.34E-03	2.68E-02	2.09E-03	1.48E+01	2.65E-08	4.49E-07	3.65E+01	2.10E+00	2.76E-03	2.46E-01	9.65E-02	3.97E-01	1.20E+02	1.96E+00	3.33E-06	2.32E-07	9.46E-03	1.54E-04	2.18E+00	5.36E-01	1.34E+02	1.94E-03	1.34E+02	1.27E+02	3.29E+00	0.00E+00	0.00E+00	0.00E+00	3.84E+00
	HMD280	4.78E-02	4.80E+00	5.10E-03	4.19E+00	4.59E-06	0.00E+00	1.73E+03	9.24E-04	3.23E-03	3.76E-02	6.91E-03	2.09E+01	3.98E-08	5.47E-07	4.85E+01	2.59E+00	7.87E-03	2.69E-01	1.06E-01	6.22E-01	1.73E+02	3.70E+00	4.21E-06	2.90E-07	1.49E-02	4.34E-04	2.37E+00	7.69E-01	1.94E+02	3.47E-03	1.94E+02	1.89E+02	3.90E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+00
	HMD280T	4.78E-02	4.80E+00	6.40E-03	4.19E+00	4.59E-06	0.00E+00	1.25E+03	9.23E-04	3.23E-03	3.76E-02	6.91E-03	2.09E+01	3.98E-08	5.47E-07	4.84E+01	2.57E+00	7.87E-03	2.69E-01	1.06E-01	6.22E-01	1.73E+02	3.67E+00	4.21E-06	2.90E-07	1.49E-02	4.34E-04	2.37E+00	7.47E-01	1.94E+02	3.47E-03	1.94E+02	1.89E+02	3.90E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+00
	HMD290	5.25E-02	4.83E+00	1.00E-02	4.22E+00	4.55E-06	0.00E+00	1.25E+03	9.48E-04	3.26E-03	3.78E-02	6.90E-03	2.47E+01	4.09E-08	6.21E-07	5.39E+01	2.61E+00	7.86E-03	2.70E-01	1.07E-01	6.39E-01	1.73E+02	3.66E+00	4.13E-06	3.16E-07	1.50E-02	4.35E-04	2.48E+00	7.48E-01	1.93E+02	3.61E-03	1.93E+02	1.88E+02	3.94E+00	0.00E+00	0.00E+00	0.00E+00	4.27E+00

HMD290T	5.26E-02	4.88E+00	9.97E-03	4.26E+00	4.59E-06	0.00E+00	2.31E+03	1.02E-03	3.41E-03	3.92E-02	6.91E-03	2.49E+01	3.94E-08	6.23E-07	5.41E+01	2.72E+00	7.91E-03	2.80E-01	1.08E-01	6.45E-01	1.72E+02	4.08E+00	4.13E-06	3.17E-07	1.52E-02	4.35E-04	2.50E+00	9.16E-01	1.93E+02	3.65E-03	1.93E+02	1.88E+02	3.95E+00	0.00E+00	0.00E+00	0.00E+00	4.35E+00
HMD299	5.27E-02	4.91E+00	1.20E-02	4.24E+00	4.65E-06	0.00E+00	1.96E+03	1.02E-03	3.29E-03	3.80E-02	6.90E-03	2.52E+01	4.02E-08	6.34E-07	5.43E+01	2.73E+00	7.93E-03	2.80E-01	1.10E-01	6.51E-01	1.74E+02	3.71E+00	4.19E-06	3.24E-07	1.53E-02	4.37E-04	2.53E+00	7.72E-01	1.93E+02	3.66E-03	1.93E+02	1.90E+02	3.97E+00	0.00E+00	0.00E+00	0.00E+00	4.39E+00
HMD299T	5.26E-02	4.91E+00	1.20E-02	4.24E+00	4.63E-06	0.00E+00	1.96E+03	1.02E-03	3.29E-03	3.80E-02	6.90E-03	2.50E+01	4.02E-08	6.32E-07	5.39E+01	2.73E+00	7.88E-03	2.71E-01	1.09E-01	6.46E-01	1.74E+02	3.72E+00	4.19E-06	3.23E-07	1.52E-02	4.37E-04	2.52E+00	7.72E-01	1.93E+02	3.66E-03	1.93E+02	1.90E+02	3.96E+00	0.00E+00	0.00E+00	0.00E+00	4.38E+00
HMD380T	7.93E-02	7.20E+00	1.95E-02	7.18E+00	5.05E-06	0.00E+00	2.36E+03	1.31E-03	4.71E-03	5.23E-02	6.15E-03	4.18E+01	4.11E-08	9.56E-07	8.93E+01	3.86E+00	8.32E-03	5.27E-01	1.29E-01	9.33E-01	2.65E+02	4.90E+00	7.62E-06	5.34E-07	2.06E-02	4.41E-04	4.33E+00	1.52E+00	2.70E+02	2.36E-03	2.70E+02	2.76E+02	5.85E+00	0.00E+00	0.00E+00	0.00E+00	5.53E+00
HMD390T	8.25E-02	7.60E+00	2.12E-02	7.58E+00	5.06E-06	0.00E+00	2.36E+03	1.33E-03	5.03E-03	5.63E-02	6.14E-03	4.22E+01	4.11E-08	9.64E-07	8.99E+01	3.93E+00	8.31E-03	5.30E-01	1.30E-01	1.02E+00	2.72E+02	4.90E+00	7.63E-06	5.52E-07	2.16E-02	4.61E-04	4.95E+00	1.52E+00	2.77E+02	2.61E-03	2.77E+02	2.83E+02	6.47E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+00
HMD399T	8.25E-02	7.60E+00	2.11E-02	7.58E+00	5.06E-06	0.00E+00	2.36E+03	1.33E-03	5.03E-03	5.63E-02	6.13E-03	4.21E+01	4.14E-08	9.63E-07	8.96E+01	3.93E+00	8.30E-03	5.30E-01	1.30E-01	1.02E+00	2.72E+02	4.90E+00	7.63E-06	5.52E-07	2.16E-02	4.61E-04	4.94E+00	1.52E+00	2.77E+02	2.60E-03	2.77E+02	2.83E+02	6.46E+00	0.00E+00	0.00E+00	0.00E+00	5.59E+00
HMF180	3.66E-02	3.34E+00	2.97E-03	3.13E+00	4.02E-06	0.00E+00	9.98E+02	7.08E-04	2.33E-03	2.69E-02	1.99E-03	1.49E+01	2.40E-08	4.54E-07	3.64E+01	2.07E+00	2.63E-03	2.46E-01	9.37E-02	3.59E-01	1.22E+02	1.92E+00	3.41E-06	2.31E-07	9.34E-03	1.50E-04	2.17E+00	5.13E-01	1.36E+02	1.56E-03	1.36E+02	1.29E+02	3.31E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+00
HMF180T	2.74E-02	2.49E+00	4.05E-04	2.49E+00	3.12E-06	0.00E+00	7.86E+02	4.37E-04	1.68E-03	1.88E-02	2.11E-03	1.39E+01	1.44E-08	3.20E-07	3.07E+01	1.29E+00	2.86E-03	1.78E-01	4.33E-02	3.44E-01	9.25E+01	1.67E+00	1.74E-06	1.85E-07	7.23E-03	1.52E-04	1.70E+00	5.80E-01	9.41E+01	7.63E-04	9.41E+01	9.64E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
HMF190	3.37E-02	2.97E+00	4.59E-03	2.83E+00	2.92E-06	0.00E+00	1.12E+03	5.76E-04	2.08E-03	2.43E-02	2.09E-03	1.41E+01	2.58E-08	3.92E-07	3.16E+01	1.71E+00	2.76E-03	2.04E-01	6.23E-02	3.79E-01	1.14E+02	2.01E+00	2.42E-06	2.11E-07	8.80E-03	1.55E-04	1.54E+00	5.36E-01	1.27E+02	1.88E-03	1.27E+02	1.10E+02	2.58E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+00
HMF190T	2.64E-02	2.35E+00	3.24E-04	2.34E+00	3.12E-06	0.00E+00	7.92E+02	4.43E-04	1.57E-03	1.73E-02	2.15E-03	1.40E+01	3.24E-08	3.20E-07	3.05E+01	1.31E+00	2.91E-03	1.79E-01	4.34E-02	3.04E-01	8.79E+01	1.69E+00	1.74E-06	1.77E-07	6.85E-03	1.46E-04	1.18E+00	5.96E-01	8.96E+01	8.44E-04	8.96E+01	9.14E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00
HMF199	3.44E-02	2.97E+00	5.03E-03	2.82E+00	2.79E-06	0.00E+00	9.66E+02	5.74E-04	2.09E-03	2.44E-02	1.99E-03	1.40E+01	2.68E-08	3.97E-07	3.19E+01	1.70E+00	2.63E-03	2.05E-01	6.20E-02	3.98E-01	1.13E+02	1.93E+00	2.44E-06	2.14E-07	8.86E-03	1.54E-04	1.52E+00	5.17E-01	1.26E+02	1.91E-03	1.26E+02	1.09E+02	2.58E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
HMF199T	3.44E-02	2.98E+00	5.03E-03	2.82E+00	2.81E-06	0.00E+00	9.66E+02	5.77E-04	2.09E-03	2.44E-02	2.01E-03	1.40E+01	2.68E-08	3.97E-07	3.20E+01	1.71E+00	2.65E-03	2.05E-01	6.20E-02	3.98E-01	1.13E+02	1.93E+00	2.45E-06	2.14E-07	8.86E-03	1.54E-04	1.52E+00	5.17E-01	1.26E+02	1.91E-03	1.26E+02	1.09E+02	2.58E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+00
HMF280	4.80E-02	4.86E+00	5.10E-03	4.24E+00	4.59E-06	0.00E+00	1.97E+03	9.24E-04	3.27E-03	3.81E-02	6.91E-03	2.09E+01	3.92E-08	5.47E-07	4.85E+01	2.59E+00	7.87E-03	2.69E-01	1.06E-01	6.24E-01	1.75E+02	3.72E+00	4.32E-06	2.91E-07	1.50E-02	4.37E-04	2.38E+00	7.69E-01	1.95E+02	3.47E-03	1.95E+02	1.91E+02	3.97E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+00
HMF280T	5.45E-02	5.02E+00	2.74E-02	4.99E+00	4.70E-06	0.00E+00	1.58E+03	8.73E-04	3.31E-03	3.70E-02	4.02E-03	2.79E+01	2.57E-08	6.39E-07	6.00E+01	2.58E+00	5.45E-03	3.52E-01	8.62E-02	6.40E-01	1.81E+02	3.31E+00	4.68E-06	3.65E-07	1.43E-02	2.82E-04	3.30E+00	8.22E-01	1.85E+02	1.56E-03	1.85E+02	1.89E+02	4.12E+00	0.00E+00	0.00E+00	0.00E+00	3.70E+00
HMF290	5.02E-02	4.37E+00	9.35E-03	3.91E+00	3.41E-06	0.00E+00	1.25E+03	9.27E-04	3.00E-03	3.55E-02	5.90E-03	2.41E+01	3.95E-08	5.81E-07	5.03E+01	2.45E+00	7.54E-03	2.33E-01	7.59E-02	6.34E-01	1.66E+02	3.32E+00	3.26E-06	3.01E-07	1.38E-02	3.81E-04	1.79E+00	7.47E-01	1.85E+02	4.15E-03	1.85E+02	1.72E+02	3.25E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+00
HMF290T	5.02E-02	4.41E+00	9.35E-03	3.96E+00	3.49E-06	0.00E+00	2.31E+03	9.27E-04	3.16E-03	3.69E-02	5.94E-03	2.41E+01	3.95E-08	5.81E-07	5.03E+01	2.45E+00	7.58E-03	2.43E-01	7.69E-02	6.39E-01	1.66E+02	3.64E+00	3.26E-06	3.01E-07	1.40E-02	3.81E-04	1.81E+00	9.14E-01	1.85E+02	4.22E-03	1.85E+02	1.72E+02	3.26E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
HMF299	5.02E-02	4.46E+00	1.14E-02	3.97E+00	3.54E-06	0.00E+00	2.30E+03	9.28E-04	3.18E-03	3.70E-02	5.94E-03	2.46E+01	4.02E-08	5.93E-07	5.07E+01	2.45E+00	7.60E-03	2.44E-01	7.85E-02	6.45E-01	1.67E+02	3.65E+00	3.32E-06	3.08E-07	1.42E-02	3.83E-04	1.81E+00	9.15E-01	1.86E+02	4.22E-03	1.86E+02	1.74E+02	3.26E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
HMF299T	5.02E-02	4.43E+00	1.14E-02	3.92E+00	3.46E-06	0.00E+00	1.34E+03	9.28E-04	3.02E-03	3.56E-02	5.90E-03	2.44E+01	4.02E-08	5.92E-07	5.03E+01	2.45E+00	7.55E-03	2.33E-01	7.76E-02	6.41E-01	1.67E+02	3.35E+00	3.32E-06	3.07E-07	1.39E-02	3.83E-04	1.79E+00	7.69E-01	1.86E+02	4.16E-03	1.86E+02	1.74E+02	3.25E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00
HMF380	8.19E-02	7.55E+00	1.96E-02	7.53E+00	5.05E-06	0.00E+00	2.36E+03	1.31E-03	4.99E-03	5.58E-02	6.15E-03	4.18E+01	4.12E-08	9.57E-07	8.93E+01	3.86E+00	8.32E-03	5.27E-01	1.29E-01	9.92E-01	2.71E+02	4.90E+00	7.62E-06	5.48E-07	2.15E-02	4.45E-04	4.85E+00	1.52E+00	2.76E+02	2.36E-03	2.76E+02	2.82E+02	6.37E+00	0.00E+00	0.00E+00	0.00E+00	5.55E+00
HMF380T	8.19E-02	7.55E+00	1.96E-02	7.53E+00	5.05E-06	0.00E+00	2.36E+03	1.31E-03	4.99E-03	5.58E-02	6.15E-03	4.18E+01	4.12E-08	9.58E-07	8.93E+01	3.86E+00	8.32E-03	5.27E-01	1.29E-01	9.93E-01	2.71E+02	4.90E+00	7.62E-06	5.48E-07	2.15E-02	4.45E-04	4.85E+00	1.52E+00	2.76E+02	2.36E-03	2.76E+02	2.82E+02	6.37E+00	0.00E+00	0.00E+00	0.00E+00	5.55E+00
HMF390	7.85E-02	6.96E+00	2.04E-02	6.94E+00	5.06E-06	0.00E+00	2.35E+03	1.33E-03	4.59E-03	5.06E-02	6.14E-03	4.21E+01	4.09E-08	9.58E-07	8.89E+01	3.92E+00	8.31E-03	5.30E-01	1.29E-01	8.56E-01	2.56E+02	4.89E+00	6.59E-06	5.22E-07	2.02E-02	4.21E-04	3.37E+00	1.52E+00	2.61E+02	2.60E-03	2.61E+02	2.66E+02	4.89E+00	0.00E+00	0.00E+00	0.00E+00	5.54E+00
HMF399T	7.85E-02	6.99E+00	2.09E-02	6.97E+00	5.06E-06	0.00E+00	2.35E+03	1.33E-03	4.60E-03	5.08E-02	6.16E-03	4.21E+01	5.91E-08	9.57E-07	8.86E+01	3.92E+00	8.35E-03	5.30E-01	1.29E-01	8.65E-01	2.57E+02	4.90E+00	6.59E-06	5.23E-07	2.02E-02	4.23E-04	3.37E+00	1.52E+00	2.61E+02	2.60E-03	2.61E+02	2.66E+02	4.89E+00	0.00E+00	0.00E+00	0.00E+00	5.55E+00
HMF480	1.09E-01	1.01E+01	2.24E-02	1.01E+01	9.41E-06	0.00E+00	3.17E+03	1.75E-03	6.67E-03	7.45E-02	8.24E-03	5.57E+01	5.55E-08	1.28E-06	1.19E+02	5.16E+00	1.11E-02	7.05E-01	1.72E-01	1.30E+00	3.62E+02	6.63E+00	1.06E-05	7.30E-07	2.87E-02	5.74E-04	6.43E+00	2.08E+00	3.69E+02	3.16E-03	3.69E+02	3.78E+02	8.51E+00	0.00E+00	0.00E+00	0.00E+00	7.41E+00
HMF490	1.05E-01	9.31E+00	2.31E-02	9.29E+00	6.38E-06	0.00E+00	3.15E+03	1.77E-03	6.12E-03	6.75E-02	8.22E-03	5.62E+01	5.52E-08	1.28E-06	1.18E+02	5.22E+00	1.11E-02	7.09E-01	1.72E-01	1.11E+00	3.42E+02	6.53E+00	9.01E-06	6.95E-07	2.69E-02	5.39E-04	4.42E+00	2.08E+00	3.49E+02	3.49E-03	3.49E+02	3.55E+02	6.50E+00	0.00E+00	0.00E+00	0.00E+00	7.40E+00
HMF499	1.05E-01	9.31E+00	2.29E-02	9.29E+00	6.38E-06	0.00E+00	3.15E+03	1.77E-03	6.12E-03	6.75E-02	8.22E-03	5.61E+01	5.56E-08	1.28E-06	1.18E+02	5.22E+00	1.11E-02	7.09E-01	1.72E-01	1.12E+00	3.42E+02	6.53E+00	9.00E-06	6.95E-07	2.69E-02	5.39E-04	4.42E+00	2.08E+00	3.49E+02	3.49E-03	3.49E+02	3.55E+02	6.50E+00	0.00E+00	0.00E+00	0.00E+00	7.40E+00
HMX110	1.48E-02	1.89E+00	-2.02E-02	1.91E+00	2.97E-06	0.00E+00	8.57E+02	1.52E-04	1.50E-03	1.63E-02	1.76E-03	5.89E+00	1.67E-08	1.53E-07	1.30E+01	4.27E-01	2.38E-03	8.37E-02	2.11E-02	3.04E-01	6.20E+01	1.86E+00	1.68E-06	1.13E-07	5.52E-03	1.30E-04	1.29E+00	5.45E-01	6.38E+01	6.21E-04	6.38E+01	6.57E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-01
HMX116	3.07E-02	3.26E+00	-6.35E-03	3.47E+00	4.18E-06	0.00E+00	1.09E+03	6.15E-04	2.34E-03	2.91E-02	1.62E-03	1.55E+01	2.38E-08	5.01E-07	3.53E+01	1.86E+00	2.24E-03	2.85E-01	8.23E-02	2.87E-01	1.33E+02	1.95E+00	3.56E-06	1.63E-07	8.16E-03	1.56E-04	1.78E+00	4.89E-01	1.37E+02	1.82E-03	1.37E+02	1.47E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	3.54E+00
HMX120	2.98E-02	3.21E+00	-6.50E-03	3.41E+00	3.68E-06	0.00E+00	1.09E+03	5.87E-04	2.30E-03	2.84E-02	1.63E-03	1.46E+01	2.51E-08	4.64E-07	3.34E+01	1.80E+00	2.25E-03	2.85E-01	8.09E-02	2.90E-01	1.31E+02	1.97E+00	3.04E-06	1.55E-07	8.06E-03	1.57E-04	1.53E+00	4.89E-01	1.34E+02	1.86E-03	1.34E+02	1.45E+02	2.71E+00	0.00E+00	0.00E+00	0.00E+00	3.49E+00
HMX125	3.29E-02	3.23E+00	-6.82E-03	3.44E+00	3.70E-06	0.00E+00	1.50E+03	5.90E-04	2.47E-03	2.96E-02	1.79E-03	1.46E+01	2.56E-08	4.64E-07	3.34E+01	1.81E+00	2.52E-03	2.85E-01	8.11E-02	3.30E-01	1.31E+02	2.47E+00	3.04E-06	1.69E-07	8.89E-03	1.57E-04	1.54E+00	5.28E-01	1.34E+02	1.89E-03	1.34E+02	1.45E+02	2.72E+00	0.00E+00	0.00E+00	0.00E+00	3.51E+00
HMX132	3.16E-02	3.22E+00	-6.33E-03	3.42E+00	3.70E-06	0.00E+00	1.34E+03	5.88E-04	2.28E-03	2.83E-02	1.72E-03	1.46E+01	2.54E-08	4.65E-07	3.34E+01	1.80E+00	2.42E-03	2.85E-01	8.09E-02	3.29E-01	1.31E+02	2.06E+00	3.04E-06	1.61E-07	8.55E-03	1.57E-04	1.54E+00	5.21E-01	1.34E+02	1.89E-03	1.34E+02	1.45E+02	2.72E+00	0.00E+00	0.00E+00	0.00E+00	3.49E+00
HMX150	3.44E-02	3.23E+00	-1.33E-02	3.42E+00	3.71E-06	0.00E+00	1.09E+03	6.36E-04	2.28E-03	2.83E-02	1.71E-03	1.56E+01	2.90E-08	5.03E-07	3.53E+01	1.84E+00	2.36E-03	2.82E-01	8.36E-02	3.30E-01	1.31E+02	1.99E+00	3.05E-06	1.84E-07	8.98E-03	1.56E-04	1.65E+00	4.89E-01	1.34E+02	1.80E-03	1.34E+02	1.45E+02	2.76E+00	0.00E+00	0.00E+00	0.00E+00	3.58E+00
HMX163	3.45E-02	3.25E+00	-2.10E-02	3.48E+00	3.76E-06	0.00E+00	1.50E+03	6.70E-04	2.48E-03	2.96E-02	1.79E-03	1.59E+01	2.88E-08	5.20E-07	3.64E+01	1.90E+00	2.53E-03	2.81E-01	8.52E-02	3.32E-01	1.31E+02	2.46E+00	3.05E-06	1.86E-07	9.08E-03	1.56E-04	1.80E+00	6.34E-01	1.35E+02	1.82E-03	1.35E+02	1.45E+02	2.84E+00	0.00E+00	0.00E+00	0.00E+00	3.69E+00
HMX216	4.30E-02	3.64E+00	-6.12E-03	3.81E+00	4.26E-06	0.00E+00	1.76E+03	7.18E-04	2.85E-03	3.39E-02	5.72E-03	1.83E+01	3.73E-08	5.60E-07	4.17E+01	2.04E+00	5.49E-03	2.94E-01	9.48E-02	6.15E-01	1.59E+02	3.55E+00	3.73E-06	2.60E-07	1.18E-02	3.42E-04	2.11E+00	7.26E-01	1.61E+02	3.92E-03	1.61E+02	1.71E+02	3.77E+00	0.00E+00	0.00E+00	0.00E+00	4.07E+00
HMX220	4.26E-02	3.65E+00	-8.65E-03	3.79E+00	3.84E-06	0.00E+00	2.04E+03	6.55E-04	2.95E-03	3.43E-02	5.73E-03	1.58E+01	3.88E-08	5.35E-07	3.60E+01	1.94E+00	5.50E-03	2.95E-01	9.50E-02	6.17E-01	1.56E+02	3.87E+00	3.14E-06	2.59E-07	1.18E-02	3.31E-04	1.90E+00	8.74E-01	1.57E+02	3.94E-03	1.57E+02	1.71E+02	3.54E+00	0.00E+00	0.00E+00	0.00E+00	4.08E+00
HMX225	4.24E-02	3.60E+00	-7.02E-03	3.75E+00	3.78E-06	0.00E+00	1.14E+03	5.98E-04	2.82E-03	3.32E-02	5.67E-03	1.46E+01	3.74E-08	4.73E-07	3.34E+01	1.82E+00	5.35E-03	2.95E-01	9.47E-02	6.04E-01	1.55E+02	3.47E+00	3.13E-06	2.57E-07	1.18E-02	3.31E-04	1.86E+00	7.05E-01	1.57E+02	3.94E-03	1.57E+02	1.68E+02	3.54E+00	0.00E+00	0.00E+00	0.00E+00	4.07E+00
HMX232	4.28E-02	3.60E+00	-6.00E-03	3.75E+00	3.84E-06	0.00E+00	1.76E+03	7.11E-04	2.81E-03	3.31E-02	5.72E-03	1.83E+01	3.82E-08	5.55E-07	4.11E+01	2.01E+00	5.49E-03	2.95E-01	9.50E-02	6.14E-01	1.56E+02	3.53E+00	3.14E-06	2.60E-07	1.18E-02	3.31E-04	1.96E+00	7.26E-01	1.57E+02	3.95E-03	1.57E+02	1.68E+02	3.55E+00	0.00E+00	0.00E+00	0.00E+00	4.07E+00
HMX240	4.28E-02	3.60E+00	-6.21E-03	3.75E+00	3.80E-06	0.00E+00	1.12E+03	7.09E-04	2.80E-03	3.31E-02	5.67E-03	1.84E+01	3.81E-08	5.58E-07	4.14E+01	2.00E+00	5.35E-03	2.95E-01	9.49E-02	6.03E-01	1.55E+02	3.47E+00	3.13E-06	2.60E-07	1.18E-02	3.30E-04	1.95E+00	7.04E-01	1.57E+02	3.93E-03	1.57E+02	1.68E+02	3.53E+00	0.00E+00	0.00E+00	0.00E+00	4.07E+00
HMX250	4.19E-02	3.56E+00	-1.34E-02	3.73E+00	3.83E-06	0.00E+00	1.30E+03	7.06E-04	2.79E-03	3.29E-02	5.78E-03	1.81E+01	4.34E-08	5.54E-07	4.05E+01	1.96E+00	5.64E-03	2.90E-01	9.43E-02	6.30E-01	1.60E+02	3.49E+00	3.14E-06	2.48E-07	1.17E-02	3.26E-04	1.91E+00	7.21E-01	1.61E+02	3.94E-03	1.61E+02	1.76E+02	3.54E+00	0.00E+00	0.00E+00	0.00E+00	4.01E+00
HMX263	4.25E-02	3.57E+00	-1.31E-02	3.73E+00	3.84E-06	0.00E+00	1.19E+03	7.16E-04	2.79E-03	3.30E-02	5.73E-03	1.87E+01	4.49E-08	5.62E-07	4.17E+01	2.01E+00	5.50E-03	2.90E-01	9.50E-02	6.16E-01	1.57E+02	3.48E+00	3.15E-06	2.56E-07	1.17E-02	3.26E-04	1.91E+00	7.09E-01	1.58E+02	3.90E-03	1.58E+02	1.69E+02	3.53E+00	0.00E+00	0.00E+00	0.00E+00	4.04E+00
HMX310	5.74E-02	3.50E+00	-1.07E-02	3.77E+00	3.63E-06	0.00E+00	1.99E+03	6.58E-04	2.89E-03	3.37E-02	5.37E-03	2.29E+01	3.89E-08	5.13E-07	4.12E+01	1.81E+00	6.26E-03	2.77E-01	8.84E-02	8.58E-01	1.57E+02	3.56E+00	2.86E-06	3.77E-07	1.27E-02	3.59E-04	2.05E+00	1.14E+00	1.58E+02	3.03E-03	1.58E+02	1.68E+02	3.90E+00	0.00E+00	0.00E+00	0.00E+00	3.91E+00
HMX316	6.05E-02	4.06E+00	-1.40E-02	4.40E+00	3.86E-06	0.00E+00	2.15E+03	6.95E-04	3.22E-03	3.69E-02	5.48E-03	2.47E+01	4.13E-08	5.35E-07	4.52E+01	1.99E+00	6.38E-03	2.79E-01	9.21E-02	9.83E-01	1.62E+02	3.96E+00	3.53E-06	4.04E-07	1.36E-02	3.73E-04	2.32E+00	1.62E+00	1.65E+02	3.06E-03	1.65E+02	1.77E+02	4.19E+00	0.00E+00	0.00E+00	0.00E+00	4.07E+00
HMX320	5.71E-02	3.53E+00	-1.09E-02	3.80E+00	3.63E-06	0.00E+00	1.99E+03	6.50E-04	2.89E-03	3.37E-02	5.38E-03	2.22E+01	3.93E-08	5.03E-07	3.98E+01	1.79E+00	6.26E-03	2.78E-01	8.89E-02	8.46E-01	1.55E+02	3.54E+00	2.82E-06	3.73E-07	1.29E-02	3.59E-04	2.07E+00	1.15E+00	1.55E+02	3.08E-03	1.55E+02	1.66E+02	3.91E+00	0.00E+00	0.00E+00	0.00E+00	3.92E+00
HMX325	5.73E-02	4.23E+00	-1.11E-02	4.45E+00	3.63E-06	0.00E+00	2.10E+03	6.57E-04	3.11E-03	3.54E-02	5.38E-03	2.30E+01	4.08E-08	5.16E-07	4.17E+01	1.83E+00	6.26E-03	2.78E-01	8.91E-02	8.48E-01	1.55E+02	3.89E+00	2.82E-06	3.76E-07	1.31E-02	3.59E-04	2.10E+00	1.26E+00	1.55E+02	3.12E-03	1.55E+02	1.66E+02	3.93E+00	0.00E+00	0.00E+00	0.00E+00	3.92E+00
HMX332	5.74E-02	4.23E+00	-1.07E-02	4.45E+00	3.63E-06	0.00E+00	2.10E+03	6.65E-04	3.10E-03	3.54E-02	5.38E-03	2.32E+01	4.20E-08	5.24E-07	4.25E+01	1.86E+00	6.26E-03	2.78E-01	8.95E-02	8.48E-01	1.55E+02	3.89E+00	2.82E-06	3.77E-07	1.31E-02	3.59E-04	2.09E+00	1.26E+00	1.55E+02	3.13E-03	1.55E+02	1.66E+02	3.93E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+00
HMX340	5.72E-02	3.51E+00	-8.84E-03	3.77E+00	3.63E-06	0.00E+00	1.99E+03	6.65E-04	2.88E-03	3.36E-02	5.38E-03	2.33E+01	3.93E-08	5.24E-07	4.29E+01	1.86E+00	6.26E-03	2.78E-01	9.07E-02	8.45E-01	1.55E+02	3.55E+00	2.83E-06	3.75E-07	1.28E-02	3.59E-04	2.09E+00	1.14E+00	1.55E+02	3.05E-03	1.55E+02	1.66E+02	3.89E+00	0.00E+00	0.00E+00	0.00E+00	3.97E+00
HMX350	5.77E-02	3.50E+00	-2.97E-02	3.77E+00	3.64E-06	0.00E+00	1.99E+03	6.72E-04	2.91E-03	3.36E-02	5.34E-03	2.36E+01	4.37E-08	5.36E-07	4.33E+01	1.84E+00	6.12E-03	2.70E-01	9.21E-02	8.58E-01	1.58E+02	3.57E+00	2.83E-06	3.78E-07	1.27E-02	3.57E-04	2.11E+00	1.15E+00	1.57E+02	3.07E-03	1.57E+02	1.68E+02	3.91E+00	0.00E+00	0.00E+00	0.00E+00	3.99E+00
HMX363	6.29E-02	3.42E+00	-1.75E-02	3.72E+00	3.62E-06	0.00E+00	1.17E+03	8.20E-04	2.71E-03	3.21E-02	5.35E-03	2.62E+01	4.41E-08	6.51E-07	5.10E+01	2.21E+00	6.13E-03	2.71E-01	9.69E-02	8.57E-01	1.57E+02	3.19E+00	2.91E-06	3.93E-07	1.26E-02	3.57E-04	2.21E+00	1.03E+00	1.57E+02	3.08E-03	1.57E+02	1.68E+02	3.92E+00	0.00E+00	0.00E+00	0.00E+00	4.20E+00
MA100Z	8.32E-03	8.78E-01	-8.14E-03	8.96E-01	3.50E-07	0.00E+00	4.07E+02	4.47E-05	5.62E-04	6.00E-03	1.06E-03	1.92E+00	1.08E-08	6.70E-08	4.40E+00	1.27E-01	1.43E-03	5.02E-02	1.19E-02	1.76E-01	3.71E+01	8.23E-01	1.42E-07	5.08E-08	2.48E-03	5.69E-05	2.80E-01	2.22E-01	3.84E+01	2.79E-03	3.84E+01	3.90E+01	5.05E-01	0.00E+00	0.00E+00	0.00E+00	5.09E-01
MA101Z	8.33E-03	8.86E-01	-8.22E-03	8.99E-01	3.51E-07	0.00E+00	4.07E+02	4.55E-05	5.62E-04	6.01E-03	1.06E-03	2.02E+00	1.09E-08	6.86E-08	4.62E+00	1.28E-01	1.44E-03	5.03E-02	1.19E-02	1.75E-01	3.71E+01	8.24E-01	1.42E-07	5.10E-08	2.50E-03	5.73E-05	2.81E-01	2.22E-01	3.82E+01	2.79E-03	3.82E+01	3.90E+01	5.06E-01	0.00E+00	0.00E+00	0.00E+00	5.07E-01
MA102Z	8.28E-03	8.78E-01	-8.47E-03	8.95E-01	3.50E-07	0.00E+00	4.09E+02	4.63E-05	5.61E-04	5.99E-03	1.06E-03	1.92E+00	9.85E-09	6.77E-08	4.47E+00	1.34E-01	1.43E-03	5.02E-02	1.20E-02	1.76E-01	3.70E+01	8.23E-01	1.41E-07	5.09E-08	2.48E-03	5.62E-05	2.83E-01	2.22E-01	3.84E+01	2.79E-03	3.84E+01	3.88E+01	5.07E-01	0.00E+00	0.00E+00	0.00E+00	5.11E-01
MA103Z	8.27E-03	8.78E-01	-8.45E-03	8.96E-01	3.50E-07	0.00E+00	4.09E+02	4.57E-05	5.61E-04	5.99E-03	1.06E-03	1.95E+00	9.73E-09	6.54E-08	4.36E+00	1.33E-01	1.43E-03	5.02E-02	1.19E-02	1.77E-01	3.71E+01	8.23E-01	1.41E-07	5.08E-08	2.48E-03	5.51E-05	2.79E-01	2.22E-01	3.84E+01	2.79E-03	3.84E+01	3.88E+01	5.04E-01	0.00E+00	0.00E+00	0.00E+00	5.11E-01
MA104Z	8.09E-03	8.76E-01	-8.36E-03	8.95E-01	3.50E-07	0.00E+00	4.45E+02	4.25E-05	5.61E-04	5.98E-03	1.01E-03	1.82E+00	9.82E-09	6.52E-08	3.86E+00	1.24E-01	1.37E-03	5.01E-02	1.16E-02	1.77E-01	3.71E+01	8.24E-01	1.41E-07	5.05E-08	2.47E-03	5.63E-05	2.79E-01	2.22E-01	3.84E+01	2.79E-03	3.84E+01	3.91E+01	5.05E-01	0.00E+00	0.00E+00	0.00E+00	4.99E-01
MA106Z	6.19E-03	8.61E-01	-9.69E-03	8.71E-01	4.19E-07	0.00E+00	6.92E+02	2.54E-05	5.11E-04	5.50E-03	9.14E-04	1.15E+00	7.08E-09	3.60E-08	2.52E+00	5.22E-02	1.24E-03	4.98E-02	9.23E-03	1.08E-01	3.69E+01	9.49E-01	1.24E-07	4.02E-08	2.05E-03	4.16E-05	1.54E-01	2.09E-01	3.81E+01	1.08E-04	3.81E+01	3.85E+01	3.64E-01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MA110Z	6.40E-03	8.66E-01	-9.52E-03	8.79E-01	3.75E-07	0.00E+00	6.92E+02	2.54E-05	5.10E-04	5.49E-03	9.12E-04	1.27E+00	7.03E-09	3.47E-08	2.58E+00	5.20E-02	1.24E-03	4.95E-02	8.99E-03	1.12E-01	3.68E+01	9.48E-01	1.25E-07	4.12E-08	2.06E-03	4.20E-05	1.44E-01	2.10E-01	3.78E+01	1.05E-04	3.78E+01	3.84E+01	3.63E-01	0.00E+00	0.00E+00	0.00E+00	3.86E-01
MA116Z	6.55E-03	8.70E-01	-9.54E-03	8.82E-01	3.75E-07	0.00E+00	6.92E+02	2.59E-05	5.20E-04	5.63E-03	9.28E-04	1.47E+00	7.10E-09	3.89E-08	3.08E+00	5.47E-02	1.26E-03	4.96E-02	9.51E-03	1.14E-01	3.69E+01	9.48E-01	1.25E-07	4.24E-08	2.10E-03	4.22E-05	1.48E-01	2.11E-01	3.80E+01	1.11E-04	3.80E+01	3.85E+01	3.69E-01	0.00E+00	0.00E+00	0.00E+00	4.09E-01
MA120Z	6.69E-03	8.69E-01	-9.15E-03	8.83E-01	3.79E-07	0.00E+00	6.92E+02	4.67E-05	5.25E-04	5.69E-03	9.37E-04	1.64E+00	9.18E-08	4.53E-08	3.66E+00	8.45E-02	1.27E-03	4.96E-02	9.82E-03	1.18E-01	3.69E+01	9.48E-01	1.25E-07	4.28E-08	2.15E-03	4.27E-05	1.56E-01	2.12E-01	3.79E+01	1.12E-04	3.79E+01	3.85E+01	3.78E-01	0.00E+00	0.00E+00	0.00E+00	4.22E-01
MA125Z	7.30E-03	8.68E-01	-8.97E-03	8.89E-01	2.02E-07	0.00E+00	6.96E+02	2.93E-05	5.49E-04	5.93E-03	9.58E-04	1.82E+00	7.82E-09	4.94E-08	3.84E+00	6.16E-02	1.30E-03	4.97E-02	1.10E-02	1.20E-01	3.71E+01	9.46E-01	1.26E-07	4.62E-08	2.29E-03	4.32E-05	1.73E-01	2.15E-01	3.82E+01	1.33E-04	3.82E+01	3.87E+01	4.19E-01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
MA132Z	9.59E-03	9.48E-01	-3.22E-03	9.45E-01	3.58E-07	0.00E+00	3.66E+02	1.51E-04	6.53E-04	7.23E-03	1.05E-03	3.38E+00	1.75E-07	9.64E-08	7.28E+00	3.93E-01	1.43E-03	5.14E-02	1.36E-02	1.69E-01	3.23E+01	7.37E-01	1.45E-07	6.03E-08	3.05E-03	5.46E-05	3.46E-01	2.29E-01	3.29E+01	2.68E-03	3.29E+01	3.36E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	5.86E-01
MA140Z	9.87E-03	9.52E-01	-3.18E-03	9.60E-01	3.73E-07	0.00E+00	3.70E+02	1.52E-04	7.07E-04	7.46E-03	1.06E-03	3.37E+00	1.77E-07	9.66E-08	7.29E+00	3.98E-01	1.43E-03	5.15E-02	1.38E-02	1.69E-01	3.27E+01	7.42E-01	1.45E-07	6.16E-08	3.07E-03	5.40E-05	3.42E-01	2.34E-01	3.39E+01	2.73E-03	3.39E+01	3.41E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	5.96E-01
MA150Z	1.25E-02	1.05E+00	5.05E-03	1.04E+00	4.36E-07	0.00E+00	3.98E+02	1.68E-04	7.85E-04	8.53E-03	1.11E-03	5.45E+00	1.39E-08	1.27E-07	1.15E+01	4.94E-01	1.49E-03	5.05E-02	1.80E-02	2.06E-01	3.32E+01	7.47E-01	1.93E-07	8.20E-08	3.38E-03	7.63E-05	5.39E-01	2.38E-01	3.46E+01	2.96E-03	3.46E+01	3.52E+01	8.09E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
MA163Z	1.27E-02	1.04E+00	5.25E-03	1.04E+00	4.39E-07	0.00E+00	4.00E+02	1.84E-04	7.82E-04	8.52E-03	1.11E-03	6.29E+00	1.37E-08	1.42E-07	1.39E+01	5.54E-01	1.49E-03	5.02E-02	1.82E-02	2.09E-01	3.31E+01	7.46E-01	1.94E-07	8.50E-08	3.36E-03	7.64E-05	5.80E-01	2.39E-01	3.45E+01	2.91E-03	3.45E+01	3.52E+01	8.13E-01	0.00E+00	0.00E+00	0.00E+00	7.85E-01
MA200Z	1.58E-02	1.70E+00	-1.08E-02	1.70E+00	1.22E-06	0.00E+00	7.38E+02	6.63E-05	1.12E-03	1.20E-02	1.96E-03	2.24E+00	1.60E-08	7.15E-08	4.72E+00	1.89E-01	2.58E-03	9.70E-02	2.29E-02	3.34E-01	6.91E+01	1.67E+00	2.88E-07	1.01E-07	4.86E-03	1.23E-04	4.33E-01	4.04E-01	7.11E+01	3.65E-03	7.11E+01	7.24E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-01
MA201Z	1.62E-02	1.72E+00	-1.18E-02	1.75E+00	1.24E-06	0.00E+00	8.11E+02	7.26E-05	1.14E-03	1.22E-02	2.08E-03	2.26E+00	1.65E-08	7.13E-08	4.89E+00	2.16E-01	2.75E-03	9.76E-02	2.31E-02	3.39E-01	6.90E+01	1.73E+00	2.99E-07	1.03E-07	4.98E-03	1.30E-04	4.47E-01	4.33E-01	7.08E+01	3.92E-03	7.08E+01	7.23E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-01
MA202Z	1.62E-02	1.72E+00	-1.12E-02	1.73E+00	1.23E-06	0.00E+00	7.39E+02	7.43E-05	1.14E-03	1.22E-02	2.01E-03	2.27E+00	1.64E-08	7.33E-08	4.93E+00	2.09E-01	2.64E-03	9.76E-02	2.31E-02	3.39E-01	6.92E+01	1.68E+00	2.99E-07	1.03E-07	4.98E-03	1.30E-04	4.47E-01	4.10E-01	7.11E+01	3.85E-03	7.11E+01	7.25E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-01
MA203Z	1.64E-02	1.72E+00	-9.29E-03	1.73E+00	1.23E-06	0.00E+00	7.38E+02	1.34E-04	1.14E-03	1.22E-02	2.01E-03	4.34E+00	1.80E-08	1.16E-07	9.14E+00	3.15E-01	2.64E-03	9.76E-02	2.38E-02	3.39E-01	6.92E+01	1.68E+00	2.98E-07	1.04E-07	4.98E-03	1.30E-04	5.51E-01	4.10E-01	7.11E+01	3.85E-03	7.11E+01	7.25E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MA204Z	1.59E-02	1.70E+00	-1.00E-02	1.71E+00	1.23E-06	0.00E+00	7.38E+02	1.04E-04	1.12E-03	1.20E-02	2.00E-03	4.28E+00	1.73E-08	1.15E-07	8.89E+00	2.57E-01	2.64E-03	9.76E-02	2.37E-02	3.38E-01	6.92E+01	1.67E+00	2.91E-07	1.02E-07	4.87E-03	1.23E-04	5.23E-01	4.09E-01	7.11E+01	3.84E-03	7.11E+01	7.24E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MA206Z	1.18E-02	1.60E+00	-1.72E-02	1.60E+00	1.18E-06	0.00E+00	1.16E+03	4.89E-05	9.99E-04	1.10E-02	1.75E-03	2.16E+00	1.39E-08	6.02E-08	4.44E+00	1.05E-01	2.31E-03	9.25E-02	1.34E-02	2.39E-01	6.99E+01	1.79E+00	2.48E-07	7.10E-08	4.10E-03	1.05E-04	2.61E-01	3.82E-01	7.16E+01	2.10E-04	7.16E+01	7.25E+01	6.12E-01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MA210Z	1.23E-02	1.61E+00	-1.70E-02	1.62E+00	1.12E-06	0.00E+00	1.19E+03	5.19E-05	1.01E-03	1.11E-02	1.76E-03	2.36E+00	1.41E-08	6.42E-08	5.08E+00	1.13E-01	2.32E-03	9.33E-02	1.71E-02	2.44E-01	6.98E+01	1.81E+00	2.49E-07	7.26E-08	4.06E-03	1.07E-04	2.96E-01	3.83E-01	7.19E+01	2.13E-04	7.19E+01	7.31E+01	6.63E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-01
MA216Z	1.30E-02	1.69E+00	-1.68E-02	1.69E+00	1.13E-06	0.00E+00	1.20E+03	5.13E-05	1.05E-03	1.14E-02	1.76E-03	2.63E+00	1.44E-08	7.22E-08	5.71E+00	1.12E-01	2.33E-03	9.56E-02	1.87E-02	2.45E-01	7.17E+01	1.86E+00	2.52E-07	8.31E-08	4.21E-03	1.07E-04	3.04E-01	3.90E-01	7.37E+01	2.19E-04	7.37E+01	7.48E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.03E-01
MA220Z	1.33E-02	1.69E+00	-1.53E-02	1.70E+00	1.13E-06	0.00E+00	1.21E+03	5.21E-05	1.06E-03	1.15E-02	1.77E-03	3.19E+00	1.48E-08	8.08E-08	7.89E+00	1.13E-01	2.34E-03	9.56E-02	1.92E-02	2.58E-01	7.17E+01	1.86E+00	2.55E-07	8.60E-08	4.24E-03	1.09E-04	3.19E-01	3.90E-01	7.38E+01	2.27E-04	7.38E+01	7.48E+01	7.60E-01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
MA225Z	1.47E-02	1.69E+00	-1.52E-02	1.70E+00	8.70E-07	0.00E+00	1.20E+03	5.35E-05	1.09E-03	1.17E-02	1.83E-03	3.64E+00	1.51E-08	8.77E-08	7.82E+00	1.10E-01	2.41E-03	9.57E-02	2.13E-02	2.66E-01	7.19E+01	1.89E+00	2.57E-07	9.49E-08	4.47E-03	1.09E-04	3.26E-01	3.94E-01	7.38E+01	2.61E-04	7.38E+01	7.48E+01	8.02E-01	0.00E+00	0.00E+00	0.00E+00	9.10E-01
MA232Z	1.75E-02	1.68E+00	-5.96E-03	1.68E+00	1.26E-06	0.00E+00	7.64E+02	2.69E-04	1.16E-03	1.26E-02	2.06E-03	6.71E+00	3.18E-07	1.78E-07	1.42E+01	6.18E-01	2.72E-03	9.87E-02	2.57E-02	3.37E-01	6.28E+01	1.50E+00	2.94E-07	1.13E-07	5.03E-03	1.28E-04	7.08E-01	4.32E-01	6.47E+01	3.84E-03	6.47E+01	6.58E+01	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MA240Z	1.93E-02	1.71E+00	-8.24E-03	1.71E+00	1.31E-06	0.00E+00	8.09E+02	2.90E-04	1.17E-03	1.27E-02	2.11E-03	7.04E+00	3.18E-07	1.92E-07	1.51E+01	7.54E-01	2.86E-03	9.87E-02	2.68E-02	3.47E-01	6.28E+01	1.54E+00	3.45E-07	1.21E-07	5.16E-03	1.30E-04	7.37E-01	4.47E-01	6.43E+01	3.92E-03	6.43E+01	6.57E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MA250Z	2.29E-02	1.78E+00	6.81E-03	1.75E+00	1.27E-06	0.00E+00	6.60E+02	2.74E-04	1.28E-03	1.41E-02	2.08E-03	1.03E+01	1.44E-08	2.45E-07	2.19E+01	8.02E-01	2.72E-03	9.80E-02	3.38E-02	3.88E-01	6.23E+01	1.49E+00	3.21E-07	1.57E-07	5.77E-03	1.61E-04	9.15E-01	4.22E-01	6.44E+01	3.95E-03	6.44E+01	6.61E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MA263Z	2.53E-02	1.78E+00	7.25E-03	1.75E+00	1.23E-06	0.00E+00	6.58E+02	2.92E-04	1.28E-03	1.43E-02	2.09E-03	1.18E+01	1.46E-08	2.59E-07	2.43E+01	8.38E-01	2.73E-03	9.81E-02	3.68E-02	3.97E-01	6.23E+01	1.49E+00	3.87E-07	1.66E-07	5.80E-03	1.64E-04	9.89E-01	4.24E-01	6.35E+01	4.02E-03	6.35E+01	6.58E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
MA300Z	2.53E-02	2.50E+00	-1.29E-02	2.53E+00	1.99E-06	0.00E+00	9.17E+02	1.08E-04	1.50E-03	1.67E-02	3.14E-03	3.90E+00	2.08E-08	1.45E-07	8.36E+00	2.70E-01	4.25E-03	1.46E-01	3.50E-02	5.34E-01	1.04E+02	2.27E+00	3.88E-07	1.55E-07	7.37E-03	1.90E-04	7.44E-01	5.15E-01	1.06E+02	5.82E-03	1.06E+02	1.05E+02	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MA301Z	2.54E-02	2.57E+00	-1.69E-02	2.59E+00	1.99E-06	0.00E+00	1.25E+03	7.87E-05	1.79E-03	1.94E-02	3.18E-03	2.37E+00	2.20E-08	8.83E-08	5.23E+00	2.23E-01	4.30E-03	1.46E-01	3.54E-02	5.51E-01	1.04E+02	2.43E+00	4.28E-07	1.61E-07	7.84E-03	2.19E-04	7.34E-01	6.68E-01	1.06E+02	6.32E-03	1.06E+02	1.05E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MA302Z	2.56E-02	2.57E+00	-1.67E-02	2.59E+00	2.02E-06	0.00E+00	1.25E+03	1.49E-04	1.79E-03	1.94E-02	3.17E-03	4.60E+00	2.48E-08	1.64E-07	9.61E+00	3.63E-01	4.29E-03	1.46E-01	3.58E-02	5.51E-01	1.04E+02	2.43E+00	4.28E-07	1.62E-07	7.86E-03	2.18E-04	7.87E-01	6.68E-01	1.06E+02	6.32E-03	1.06E+02	1.05E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MA303Z	2.56E-02	2.50E+00	-1.55E-02	2.53E+00	2.05E-06	0.00E+00	9.20E+02	1.84E-04	1.51E-03	1.68E-02	3.15E-03	7.70E+00	2.29E-08	1.83E-07	1.59E+01	4.88E-01	4.27E-03	1.46E-01	3.57E-02	5.36E-01	1.04E+02	2.25E+00	3.91E-07	1.56E-07	7.45E-03	1.90E-04	8.14E-01	5.35E-01	1.06E+02	5.86E-03	1.06E+02	1.05E+02	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MA304Z	2.56E-02	2.50E+00	-1.21E-02	2.52E+00	2.05E-06	0.00E+00	9.21E+02	1.65E-04	1.50E-03	1.68E-02	3.14E-03	6.96E+00	2.29E-08	1.82E-07	1.47E+01	3.98E-01	4.25E-03	1.46E-01	3.52E-02	5.36E-01	1.04E+02	2.25E+00	3.89E-07	1.56E-07	7.37E-03	1.90E-04	8.10E-01	5.15E-01	1.06E+02	5.82E-03	1.06E+02	1.05E+02	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MA306Z	1.77E-02	2.46E+00	-2.34E-02	2.48E+00	1.75E-06	0.00E+00	1.35E+03	6.62E-05	1.38E-03	1.51E-02	2.60E-03	2.67E+00	2.00E-08	8.97E-08	5.80E+00	1.46E-01	3.49E-03	1.43E-01	2.59E-02	3.58E-01	1.06E+02	2.60E+00	3.65E-07	1.11E-07	5.98E-03	1.59E-04	4.18E-01	4.81E-01	1.08E+02	3.46E-04	1.08E+02	1.10E+02	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00

MA310Z	1.79E-02	2.48E+00	-2.30E-02	2.49E+00	1.93E-06	0.00E+00	1.38E+03	6.65E-05	1.39E-03	1.53E-02	2.64E-03	3.33E+00	2.00E-08	9.70E-08	7.29E+00	1.49E-01	3.54E-03	1.43E-01	2.60E-02	3.69E-01	1.08E+02	2.62E+00	3.70E-07	1.13E-07	6.13E-03	1.62E-04	4.59E-01	4.82E-01	1.10E+02	3.30E-04	1.10E+02	1.12E+02	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MA316Z	2.04E-02	2.50E+00	-2.27E-02	2.52E+00	1.93E-06	0.00E+00	1.33E+03	6.81E-05	1.43E-03	1.57E-02	2.64E-03	4.42E+00	2.03E-08	1.15E-07	8.93E+00	1.48E-01	3.54E-03	1.43E-01	2.75E-02	3.74E-01	1.08E+02	2.62E+00	3.75E-07	1.30E-07	6.39E-03	1.64E-04	4.64E-01	4.82E-01	1.10E+02	3.50E-04	1.10E+02	1.12E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MA320Z	2.07E-02	2.50E+00	-2.25E-02	2.53E+00	1.92E-06	0.00E+00	1.41E+03	6.84E-05	1.44E-03	1.59E-02	2.80E-03	4.52E+00	2.06E-08	1.18E-07	9.44E+00	1.47E-01	3.77E-03	1.43E-01	2.82E-02	3.82E-01	1.08E+02	2.64E+00	3.75E-07	1.29E-07	6.42E-03	1.64E-04	4.73E-01	4.97E-01	1.10E+02	3.59E-04	1.10E+02	1.12E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MA325Z	2.19E-02	2.51E+00	-2.19E-02	2.55E+00	1.60E-06	0.00E+00	1.33E+03	6.76E-05	1.46E-03	1.62E-02	2.85E-03	5.40E+00	2.13E-08	1.31E-07	1.14E+01	1.46E-01	3.87E-03	1.43E-01	2.92E-02	3.93E-01	1.08E+02	2.62E+00	3.80E-07	1.37E-07	6.65E-03	1.65E-04	4.70E-01	4.87E-01	1.11E+02	4.00E-04	1.11E+02	1.12E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
MA332Z	2.85E-02	2.48E+00	-7.95E-03	2.49E+00	2.12E-06	0.00E+00	1.06E+03	4.30E-04	1.72E-03	1.86E-02	3.12E-03	1.03E+01	4.79E-07	2.82E-07	2.18E+01	1.12E+00	4.22E-03	1.47E-01	4.06E-02	5.19E-01	9.26E+01	2.19E+00	4.42E-07	1.82E-07	7.56E-03	1.94E-04	1.07E+00	6.65E-01	9.48E+01	5.88E-03	9.48E+01	9.78E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
MA340Z	3.11E-02	2.50E+00	-7.03E-03	2.51E+00	2.10E-06	0.00E+00	1.06E+03	4.34E-04	1.73E-03	1.89E-02	3.12E-03	1.05E+01	4.79E-07	2.87E-07	2.27E+01	1.13E+00	4.22E-03	1.47E-01	4.26E-02	5.45E-01	9.29E+01	2.22E+00	5.32E-07	1.96E-07	7.72E-03	2.01E-04	1.11E+00	6.65E-01	9.51E+01	5.87E-03	9.51E+01	9.75E+01	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00
MA350Z	3.68E-02	2.58E+00	9.20E-03	2.55E+00	2.21E-06	0.00E+00	7.58E+02	4.54E-04	1.75E-03	1.95E-02	3.30E-03	1.78E+01	2.01E-08	4.10E-07	3.71E+01	1.27E+00	4.46E-03	1.39E-01	4.87E-02	6.02E-01	9.12E+01	2.02E+00	5.47E-07	2.44E-07	8.77E-03	2.47E-04	1.53E+00	5.18E-01	9.30E+01	6.51E-03	9.30E+01	9.59E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+00
MA363Z	3.85E-02	2.58E+00	9.41E-03	2.55E+00	2.22E-06	0.00E+00	7.58E+02	4.54E-04	1.76E-03	1.96E-02	3.31E-03	1.81E+01	2.11E-08	4.15E-07	3.76E+01	1.27E+00	4.48E-03	1.39E-01	5.09E-02	6.39E-01	9.13E+01	2.02E+00	5.69E-07	2.56E-07	8.82E-03	2.50E-04	1.57E+00	5.20E-01	9.32E+01	6.52E-03	9.32E+01	9.61E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
MA400Z	3.18E-02	2.52E+00	-1.41E-02	2.54E+00	2.42E-06	0.00E+00	9.41E+02	1.65E-04	1.77E-03	1.98E-02	4.15E-03	4.69E+00	2.46E-08	1.55E-07	9.47E+00	3.93E-01	5.62E-03	1.49E-01	4.06E-02	6.03E-01	1.09E+02	2.40E+00	4.97E-07	2.04E-07	9.78E-03	2.43E-04	9.10E-01	6.54E-01	1.11E+02	6.81E-03	1.11E+02	1.10E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MA401Z	3.18E-02	3.12E+00	-2.40E-02	3.20E+00	2.44E-06	0.00E+00	1.47E+03	1.66E-04	2.30E-03	2.47E-02	4.18E-03	4.76E+00	2.78E-08	1.62E-07	9.81E+00	3.97E-01	5.66E-03	1.49E-01	4.06E-02	6.17E-01	1.09E+02	2.91E+00	5.26E-07	2.04E-07	9.96E-03	2.46E-04	9.52E-01	9.11E-01	1.11E+02	7.06E-03	1.11E+02	1.10E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MA402Z	3.18E-02	3.12E+00	-2.39E-02	3.20E+00	2.45E-06	0.00E+00	1.47E+03	1.86E-04	2.30E-03	2.47E-02	4.22E-03	7.22E+00	2.88E-08	1.92E-07	1.56E+01	4.34E-01	5.70E-03	1.49E-01	4.06E-02	6.20E-01	1.09E+02	2.91E+00	5.26E-07	2.05E-07	9.99E-03	2.46E-04	1.01E+00	9.11E-01	1.11E+02	7.07E-03	1.11E+02	1.10E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MA403Z	3.22E-02	2.52E+00	-1.41E-02	2.54E+00	2.42E-06	0.00E+00	8.86E+02	2.05E-04	1.77E-03	1.99E-02	4.15E-03	9.07E+00	2.45E-08	2.12E-07	1.84E+01	5.46E-01	5.62E-03	1.49E-01	4.08E-02	6.06E-01	1.09E+02	2.38E+00	4.97E-07	2.06E-07	9.76E-03	2.43E-04	9.79E-01	6.54E-01	1.09E+02	6.81E-03	1.09E+02	1.08E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MA404Z	3.22E-02	2.52E+00	-1.40E-02	2.53E+00	2.42E-06	0.00E+00	9.04E+02	2.03E-04	1.77E-03	1.98E-02	4.15E-03	9.07E+00	2.44E-08	2.11E-07	1.83E+01	5.39E-01	5.62E-03	1.49E-01	4.08E-02	6.06E-01	1.08E+02	2.37E+00	4.97E-07	2.05E-07	9.79E-03	2.43E-04	9.79E-01	6.54E-01	1.09E+02	6.81E-03	1.09E+02	1.08E+02	2.04E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MA406Z	2.41E-02	2.50E+00	-2.84E-02	2.53E+00	2.19E-06	0.00E+00	1.74E+03	8.11E-05	1.61E-03	1.79E-02	3.73E-03	3.91E+00	2.26E-08	1.21E-07	8.80E+00	1.81E-01	5.04E-03	1.47E-01	3.60E-02	4.87E-01	1.10E+02	2.70E+00	4.81E-07	1.56E-07	7.88E-03	2.10E-04	5.87E-01	6.32E-01	1.13E+02	4.51E-04	1.13E+02	1.14E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MA416Z	2.46E-02	2.52E+00	-2.78E-02	2.54E+00	2.11E-06	0.00E+00	1.41E+03	8.95E-05	1.61E-03	1.80E-02	3.73E-03	6.47E+00	2.30E-08	1.53E-07	1.37E+01	1.89E-01	5.06E-03	1.48E-01	3.75E-02	4.96E-01	1.11E+02	2.68E+00	4.93E-07	1.60E-07	7.85E-03	2.12E-04	6.21E-01	6.38E-01	1.14E+02	4.90E-04	1.14E+02	1.15E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MA420Z	2.48E-02	2.52E+00	-2.75E-02	2.54E+00	2.11E-06	0.00E+00	1.74E+03	9.29E-05	1.72E-03	1.91E-02	3.86E-03	6.71E+00	2.36E-08	1.63E-07	1.40E+01	2.10E-01	5.24E-03	1.47E-01	3.87E-02	5.12E-01	1.11E+02	2.69E+00	4.98E-07	1.65E-07	8.68E-03	2.23E-04	6.53E-01	6.38E-01	1.14E+02	1.42E-03	1.14E+02	1.15E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MA425Z	2.91E-02	2.52E+00	-2.45E-02	2.55E+00	2.07E-06	0.00E+00	1.42E+03	2.82E-04	1.74E-03	1.94E-02	3.93E-03	8.72E+00	2.41E-08	2.17E-07	1.95E+01	7.69E-01	5.33E-03	1.48E-01	4.15E-02	5.19E-01	1.11E+02	2.67E+00	5.13E-07	1.80E-07	8.91E-03	2.32E-04	7.88E-01	6.31E-01	1.14E+02	1.98E-03	1.14E+02	1.15E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MA432Z	3.58E-02	3.33E+00	-8.88E-03	3.36E+00	2.52E-06	0.00E+00	1.12E+03	5.55E-04	2.32E-03	2.51E-02	4.23E-03	1.26E+01	5.91E-07	3.58E-07	2.74E+01	1.44E+00	5.71E-03	1.50E-01	5.07E-02	6.67E-01	9.80E+01	2.86E+00	5.91E-07	2.30E-07	1.02E-02	2.61E-04	1.39E+00	8.97E-01	9.98E+01	7.25E-03	9.98E+01	1.02E+02	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
MA440Z	3.82E-02	3.42E+00	-8.83E-03	3.39E+00	2.51E-06	0.00E+00	1.12E+03	5.55E-04	2.35E-03	2.55E-02	4.23E-03	1.30E+01	5.92E-07	3.71E-07	2.77E+01	1.44E+00	5.74E-03	1.50E-01	5.29E-02	6.89E-01	9.98E+01	2.88E+00	7.07E-07	2.45E-07	1.04E-02	2.62E-04	1.40E+00	8.97E-01	1.01E+02	7.21E-03	1.01E+02	1.04E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
MA450Z	4.85E-02	2.62E+00	1.13E-02	2.57E+00	2.45E-06	0.00E+00	9.93E+02	5.84E-04	1.97E-03	2.23E-02	4.35E-03	2.22E+01	2.41E-08	5.28E-07	4.56E+01	1.63E+00	5.91E-03	1.43E-01	6.56E-02	7.83E-01	9.64E+01	2.17E+00	6.99E-07	3.10E-07	1.05E-02	3.23E-04	1.90E+00	6.84E-01	9.84E+01	7.71E-03	9.84E+01	1.02E+02	2.84E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+00
MA463Z	4.94E-02	2.71E+00	1.14E-02	2.62E+00	2.50E-06	0.00E+00	1.09E+03	5.84E-04	2.20E-03	2.44E-02	4.37E-03	2.26E+01	2.65E-08	5.39E-07	4.61E+01	1.63E+00	5.92E-03	1.43E-01	6.60E-02	8.52E-01	9.78E+01	2.34E+00	7.42E-07	3.24E-07	1.07E-02	3.22E-04	1.94E+00	8.39E-01	9.90E+01	7.79E-03	9.90E+01	1.04E+02	2.88E+00	0.00E+00	0.00E+00	0.00E+00	2.89E+00
MB106A	5.64E-03	9.58E-01	-1.51E-02	9.64E-01	5.33E-07	0.00E+00	1.09E+03	2.52E-05	4.96E-04	5.21E-03	9.76E-04	1.23E+00	1.42E-08	3.46E-08	2.57E+00	5.27E-02	1.37E-03	5.55E-02	8.98E-03	8.65E-02	3.26E+01	8.92E-01	1.15E-07	3.55E-08	1.93E-03	4.93E-05	1.36E-01	2.56E-01	3.34E+01	9.51E-05	3.34E+01	3.47E+01	3.46E-01	0.00E+00	0.00E+00	0.00E+00	3.79E-01
MB110A	4.65E-03	6.65E-01	-9.39E-03	6.75E-01	4.32E-07	0.00E+00	5.86E+02	2.35E-05	4.20E-04	4.49E-03	8.13E-04	1.10E+00	7.15E-09	2.89E-08	2.18E+00	4.98E-02	1.10E-03	3.73E-02	7.08E-03	6.02E-02	2.58E+01	8.24E-01	7.95E-08	2.99E-08	1.64E-03	1.93E-05	1.09E-01	2.01E-01	2.65E+01	5.79E-05	2.65E+01	2.70E+01	3.04E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-01
MB113A	6.63E-03	9.80E-01	-1.08E-02	1.00E+00	4.41E-07	0.00E+00	8.13E+02	2.59E-05	5.81E-04	6.26E-03	9.80E-04	1.45E+00	1.37E-08	4.07E-08	3.13E+00	5.37E-02	1.34E-03	5.06E-02	9.55E-03	1.18E-01	3.81E+01	1.00E+00	1.25E-07	4.29E-08	2.33E-03	4.28E-05	1.53E-01	2.41E-01	3.95E+01	1.13E-04	3.95E+01	4.03E+01	3.88E-01	0.00E+00	0.00E+00	0.00E+00	4.10E-01
MB116A	4.63E-03	6.65E-01	-9.36E-03	6.75E-01	4.38E-07	0.00E+00	5.77E+02	2.35E-05	4.19E-04	4.48E-03	8.17E-04	1.13E+00	7.08E-09	3.07E-08	2.21E+00	5.00E-02	1.10E-03	3.65E-02	7.26E-03	5.88E-02	2.60E+01	8.21E-01	7.98E-08	2.96E-08	1.64E-03	2.00E-05	1.15E-01	1.97E-01	2.69E+01	5.80E-05	2.69E+01	2.71E+01	3.10E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-01
MB120A	4.80E-03	6.89E-01	-9.33E-03	6.92E-01	4.29E-07	0.00E+00	5.83E+02	2.38E-05	4.22E-04	4.53E-03	8.19E-04	1.15E+00	7.48E-09	3.06E-08	2.23E+00	4.99E-02	1.11E-03	3.73E-02	7.30E-03	6.58E-02	2.73E+01	8.19E-01	8.96E-08	3.07E-08	1.65E-03	2.94E-05	1.18E-01	1.98E-01	2.79E+01	6.32E-05	2.79E+01	2.86E+01	3.13E-01	0.00E+00	0.00E+00	0.00E+00	3.13E-01
MB125A	7.32E-03	8.68E-01	-8.97E-03	8.89E-01	2.02E-07	0.00E+00	6.97E+02	2.93E-05	5.49E-04	5.93E-03	9.60E-04	1.82E+00	7.86E-09	4.94E-08	3.84E+00	6.18E-02	1.30E-03	4.97E-02	1.10E-02	1.20E-01	3.71E+01	9.46E-01	1.26E-07	4.64E-08	2.31E-03	4.33E-05	1.73E-01	2.15E-01	3.82E+01	1.33E-04	3.82E+01	3.87E+01	4.19E-01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
MB132A	9.59E-03	9.79E-01	-3.22E-03	9.88E-01	3.73E-07	0.00E+00	3.69E+02	1.52E-04	7.19E-04	7.54E-03	1.06E-03	3.37E+00	1.75E-07	9.64E-08	7.27E+00	3.95E-01	1.43E-03	5.15E-02	1.37E-02	1.73E-01	3.33E+01	7.37E-01	1.45E-07	6.04E-08	3.06E-03	5.46E-05	3.48E-01	2.35E-01	3.42E+01	2.73E-03	3.42E+01	3.47E+01	5.93E-01	0.00E+00	0.00E+00	0.00E+00	5.85E-01
MB140A	9.91E-03	9.90E-01	-3.36E-03	1.00E+00	3.81E-07	0.00E+00	4.73E+02	1.53E-04	7.22E-04	7.55E-03	1.10E-03	3.43E+00	1.96E-07	9.71E-08	7.40E+00	4.11E-01	1.51E-03	5.15E-02	1.40E-02	1.73E-01	3.40E+01	7.91E-01	1.45E-07	6.18E-08	3.09E-03	5.39E-05	3.46E-01	2.53E-01	3.51E+01	2.81E-03	3.51E+01	3.55E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	6.02E-01
MB150A	1.25E-02	1.05E+00	5.08E-03	1.05E+00	4.51E-07	0.00E+00	4.96E+02	1.70E-04	7.86E-04	8.53E-03	1.14E-03	5.45E+00	1.42E-08	1.27E-07	1.15E+01	5.07E-01	1.56E-03	5.05E-02	1.79E-02	2.06E-01	3.41E+01	7.97E-01	1.93E-07	8.19E-08	3.37E-03	7.63E-05	5.37E-01	2.56E-01	3.55E+01	3.04E-03	3.55E+01	3.61E+01	8.05E-01	0.00E+00	0.00E+00	0.00E+00	7.74E-01
MB163A	1.27E-02	1.03E+00	5.29E-03	1.04E+00	4.77E-07	0.00E+00	4.96E+02	1.85E-04	7.79E-04	8.50E-03	1.17E-03	6.27E+00	1.41E-08	1.43E-07	1.40E+01	5.68E-01	1.62E-03	5.03E-02	1.82E-02	2.08E-01	3.42E+01	7.95E-01	1.93E-07	8.49E-08	3.36E-03	7.60E-05	5.78E-01	2.75E-01	3.62E+01	2.99E-03	3.62E+01	3.66E+01	8.10E-01	0.00E+00	0.00E+00	0.00E+00	7.85E-01
MB197	5.96E-03	8.18E-01	-7.81E-03	8.26E-01	9.18E-07	0.00E+00	6.33E+02	3.90E-05	5.14E-04	5.55E-03	9.65E-04	1.75E+00	1.25E-08	4.20E-08	3.48E+00	9.40E-02	1.31E-03	4.22E-02	9.20E-03	1.28E-01	3.32E+01	1.01E+00	8.48E-08	3.93E-08	2.08E-03	4.94E-05	2.27E-01	2.26E-01	3.42E+01	4.21E-04	3.42E+01	3.47E+01	4.53E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-01
MB199	5.92E-03	8.42E-01	-7.47E-03	8.50E-01	9.18E-07	0.00E+00	4.50E+02	3.83E-05	5.48E-04	5.70E-03	1.01E-03	1.61E+00	1.16E-08	5.78E-08	3.21E+00	9.50E-02	1.37E-03	4.25E-02	9.91E-03	1.47E-01	3.44E+01	1.04E+00	8.39E-08	4.02E-08	2.17E-03	5.54E-05	2.80E-01	2.31E-01	3.54E+01	4.20E-04	3.54E+01	3.59E+01	5.10E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-01
MB206A	1.26E-02	1.68E+00	-2.41E-02	1.72E+00	1.14E-06	0.00E+00	1.57E+03	5.16E-05	1.19E-03	1.24E-02	1.83E-03	2.19E+00	1.80E-08	6.10E-08	4.46E+00	1.05E-01	2.49E-03	9.25E-02	1.39E-02	2.45E-01	7.02E+01	2.23E+00	2.49E-07	7.65E-08	4.18E-03	1.04E-04	2.71E-01	6.18E-01	7.21E+01	2.33E-04	7.21E+01	7.27E+01	6.56E-01	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MB210A	1.23E-02	1.65E+00	-2.37E-02	1.70E+00	1.09E-06	0.00E+00	1.56E+03	5.70E-05	1.20E-03	1.25E-02	1.84E-03	2.39E+00	1.85E-08	7.09E-08	5.19E+00	1.12E-01	2.49E-03	9.33E-02	1.70E-02	2.46E-01	7.01E+01	2.25E+00	2.49E-07	7.27E-08	4.11E-03	1.06E-04	3.05E-01	6.19E-01	7.23E+01	2.38E-04	7.23E+01	7.32E+01	6.74E-01	0.00E+00	0.00E+00	0.00E+00	7.36E-01
MB213A	1.31E-02	1.75E+00	-2.36E-02	1.79E+00	1.09E-06	0.00E+00	1.57E+03	5.85E-05	1.25E-03	1.29E-02	1.87E-03	2.61E+00	1.80E-08	7.57E-08	5.76E+00	1.14E-01	2.53E-03	9.55E-02	2.03E-02	2.59E-01	7.22E+01	2.28E+00	2.52E-07	8.54E-08	4.30E-03	1.07E-04	3.30E-01	6.17E-01	7.42E+01	2.39E-04	7.42E+01	7.49E+01	7.77E-01	0.00E+00	0.00E+00	0.00E+00	8.80E-01
MB216A	9.57E-03	1.75E+00	-2.34E-02	1.78E+00	1.12E-06	0.00E+00	1.57E+03	5.81E-05	1.08E-03	1.11E-02	1.63E-03	2.41E+00	2.10E-08	6.88E-08	5.24E+00	1.13E-01	2.21E-03	6.96E-02	1.45E-02	1.58E-01	5.02E+01	2.08E+00	1.56E-07	6.08E-08	3.52E-03	6.25E-05	3.06E-01	6.09E-01	5.18E+01	1.63E-04	5.18E+01	5.22E+01	6.66E-01	0.00E+00	0.00E+00	0.00E+00	6.21E-01
MB220A	1.37E-02	1.73E+00	-2.02E-02	1.76E+00	1.09E-06	0.00E+00	1.54E+03	5.84E-05	1.19E-03	1.26E-02	1.89E-03	3.20E+00	1.63E-08	8.08E-08	7.83E+00	1.12E-01	2.56E-03	9.57E-02	2.08E-02	2.62E-01	7.21E+01	2.22E+00	2.55E-07	9.12E-08	4.39E-03	1.07E-04	3.27E-01	5.33E-01	7.42E+01	2.47E-04	7.42E+01	7.51E+01	8.02E-01	0.00E+00	0.00E+00	0.00E+00	8.88E-01
MB225A	1.47E-02	1.69E+00	-1.52E-02	1.70E+00	8.70E-07	0.00E+00	1.20E+03	5.35E-05	1.09E-03	1.17E-02	1.83E-03	3.64E+00	1.51E-08	8.77E-08	7.82E+00	1.10E-01	2.42E-03	9.57E-02	2.13E-02	2.66E-01	7.19E+01	1.89E+00	2.57E-07	9.51E-08	4.47E-03	1.09E-04	3.26E-01	3.94E-01	7.38E+01	2.61E-04	7.38E+01	7.48E+01	8.02E-01	0.00E+00	0.00E+00	0.00E+00	9.10E-01
MB232A	1.80E-02	1.88E+00	-1.27E-02	1.93E+00	1.21E-06	0.00E+00	9.52E+02	2.70E-04	1.38E-03	1.45E-02	2.11E-03	7.73E+00	3.72E-07	1.90E-07	1.56E+01	6.26E-01	2.86E-03	9.87E-02	2.60E-02	3.40E-01	6.31E+01	2.04E+00	3.08E-07	1.16E-07	5.16E-03	1.33E-04	7.45E-01	5.62E-01	6.51E+01	3.96E-03	6.51E+01	6.63E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MB240A	1.93E-02	1.72E+00	-1.10E-02	1.74E+00	1.24E-06	0.00E+00	9.36E+02	2.91E-04	1.30E-03	1.38E-02	2.09E-03	7.04E+00	3.64E-07	1.91E-07	1.52E+01	7.53E-01	2.84E-03	9.87E-02	2.68E-02	3.48E-01	6.28E+01	1.81E+00	3.48E-07	1.21E-07	5.18E-03	1.30E-04	7.33E-01	5.48E-01	6.43E+01	3.93E-03	6.43E+01	6.60E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MB250A	2.30E-02	2.00E+00	7.22E-03	2.04E+00	1.22E-06	0.00E+00	9.59E+02	2.78E-04	1.54E-03	1.64E-02	2.22E-03	1.04E+01	1.91E-08	2.47E-07	2.21E+01	8.27E-01	3.00E-03	9.83E-02	3.39E-02	3.86E-01	6.25E+01	2.04E+00	3.24E-07	1.58E-07	5.82E-03	1.61E-04	9.25E-01	5.70E-01	6.48E+01	4.25E-03	6.48E+01	6.64E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MB263A	2.54E-02	2.00E+00	7.55E-03	2.05E+00	1.17E-06	0.00E+00	9.59E+02	2.93E-04	1.54E-03	1.65E-02	2.22E-03	1.20E+01	1.93E-08	2.61E-07	2.46E+01	8.53E-01	3.00E-03	9.82E-02	3.79E-02	3.96E-01	6.26E+01	2.05E+00	3.89E-07	1.66E-07	5.85E-03	1.64E-04	1.01E+00	5.99E-01	6.38E+01	4.31E-03	6.38E+01	6.61E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
MB306A	1.79E-02	3.00E+00	-3.30E-02	3.06E+00	1.78E-06	0.00E+00	2.06E+03	7.51E-05	1.78E-03	1.86E-02	2.68E-03	2.71E+00	2.38E-08	9.62E-08	5.98E+00	1.56E-01	3.64E-03	1.43E-01	2.62E-02	3.59E-01	1.06E+02	3.15E+00	3.70E-07	1.13E-07	6.16E-03	1.58E-04	4.37E-01	7.09E-01	1.09E+02	3.77E-04	1.09E+02	1.10E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MB310A	1.81E-02	3.09E+00	-3.27E-02	3.12E+00	1.94E-06	0.00E+00	2.08E+03	7.71E-05	1.78E-03	1.87E-02	2.72E-03	3.35E+00	2.42E-08	9.98E-08	7.39E+00	1.57E-01	3.68E-03	1.43E-01	2.65E-02	3.70E-01	1.08E+02	3.14E+00	3.77E-07	1.15E-07	6.20E-03	1.61E-04	4.73E-01	7.09E-01	1.10E+02	3.51E-04	1.10E+02	1.12E+02	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MB313A	2.10E-02	3.10E+00	-3.24E-02	3.12E+00	1.94E-06	0.00E+00	2.09E+03	7.82E-05	1.85E-03	1.94E-02	2.83E-03	4.19E+00	2.45E-08	1.14E-07	8.74E+00	1.58E-01	3.85E-03	1.43E-01	2.72E-02	3.91E-01	1.08E+02	3.29E+00	3.83E-07	1.31E-07	6.80E-03	1.65E-04	4.82E-01	7.23E-01	1.11E+02	3.66E-04	1.11E+02	1.12E+02	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MB316A	1.37E-02	1.89E+00	-2.18E-02	1.89E+00	2.14E-06	0.00E+00	1.19E+03	6.54E-05	1.24E-03	1.35E-02	2.26E-03	3.45E+00	2.03E-08	9.18E-08	7.59E+00	1.51E-01	2.97E-03	1.01E-01	2.07E-02	2.20E-01	7.02E+01	2.23E+00	2.43E-07	9.11E-08	4.87E-03	9.46E-05	3.68E-01	4.70E-01	7.23E+01	2.12E-04	7.23E+01	7.39E+01	9.88E-01	0.00E+00	0.00E+00	0.00E+00	8.95E-01
MB320A	2.09E-02	3.12E+00	-3.06E-02	3.14E+00	1.91E-06	0.00E+00	2.09E+03	7.92E-05	1.84E-03	1.93E-02	2.81E-03	4.50E+00	2.43E-08	1.19E-07	9.42E+00	1.57E-01	3.81E-03	1.43E-01	2.82E-02	3.92E-01	1.08E+02	3.16E+00	3.84E-07	1.31E-07	6.70E-03	1.65E-04	4.86E-01	7.05E-01	1.11E+02	3.53E-04	1.11E+02	1.12E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MB325A	2.19E-02	2.51E+00	-2.21E-02	2.55E+00	1.60E-06	0.00E+00	1.33E+03	6.76E-05	1.47E-03	1.62E-02	2.87E-03	5.40E+00	2.13E-08	1.31E-07	1.14E+01	1.47E-01	3.89E-03	1.43E-01	2.93E-02	3.95E-01	1.08E+02	2.62E+00	3.80E-07	1.37E-07	6.65E-03	1.65E-04	4.70E-01	4.87E-01	1.11E+02	4.02E-04	1.11E+02	1.12E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
MB332A	2.98E-02	3.16E+00	-1.09E-02	3.17E+00	2.13E-06	0.00E+00	1.08E+03	4.21E-04	1.98E-03	2.13E-02	3.17E-03	1.07E+01	5.01E-07	3.19E-07	2.28E+01	1.11E+00	4.29E-03	1.47E-01	4.15E-02	5.78E-01	9.27E+01	2.67E+00	4.94E-07	1.95E-07	8.30E-03	2.38E-04	1.16E+00	7.76E-01	9.47E+01	6.76E-03	9.47E+01	9.78E+01	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
MB340A	3.15E-02	3.22E+00	-9.16E-03	3.23E+00	2.12E-06	0.00E+00	1.07E+03	4.24E-04	2.03E-03	2.19E-02	3.15E-03	1.05E+01	5.02E-07	3.00E-07	2.28E+01	1.11E+00	4.27E-03	1.47E-01	4.31E-02	5.81E-01	9.30E+01	2.71E+00	5.48E-07	1.99E-07	8.52E-03	2.08E-04	1.18E+00	7.71E-01	9.51E+01	6.06E-03	9.51E+01	9.76E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
MB350A	3.80E-02	3.50E+00	8.90E-03	3.51E+00	2.25E-06	0.00E+00	1.07E+03	4.40E-04	2.21E-03	2.43E-02	3.30E-03	1.81E+01	2.54E-08	4.08E-07	3.82E+01	1.25E+00	4.47E-03	1.39E-01	5.16E-02	6.33E-01	9.14E+01	2.69E+00	5.61E-07	2.52E-07	9.93E-03	2.49E-04	1.57E+00	7.81E-01	9.34E+01	6.76E-03	9.34E+01	9.59E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MB363A	3.95E-02	3.45E+00	9.12E-03	3.47E+00	2.25E-06	0.00E+00	1.07E+03	4.42E-04	2.23E-03	2.45E-02	3.31E-03	1.84E+01	2.63E-08	4.13E-07	3.88E+01	1.25E+00	4.49E-03	1.39E-01	5.38E-02	6.66E-01	9.15E+01	2.70E+00	5.88E-07	2.61E-07	1.00E-02	2.51E-04	1.61E+00	7.87E-01	9.35E+01	6.70E-03	9.35E+01	9.65E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+00
MB406A	2.41E-02	2.54E+00	-2.84E-02	2.55E+00	2.19E-06	0.00E+00	1.90E+03	8.14E-05	1.61E-03	1.79E-02	3.72E-03	3.91E+00	2.26E-08	1.21E-07	8.81E+00	1.81E-01	5.04E-03	1.47E-01	3.52E-02	4.89E-01	1.10E+02	2.71E+00	4.81E-07	1.57E-07	7.83E-03	2.10E-04	5.90E-01	6.32E-01	1.13E+02	4.52E-04	1.13E+02	1.14E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MB410A	2.42E-02	2.52E+00	-2.87E-02	2.54E+00	2.16E-06	0.00E+00	1.41E+03	8.90E-05	1.61E-03	1.80E-02	3.71E-03	6.29E+00	2.29E-08	1.50E-07	1.31E+01	1.89E-01	5.04E-03	1.48E-01	3.65E-02	4.95E-01	1.11E+02	2.68E+00	4.89E-07	1.59E-07	7.81E-03	2.11E-04	6.14E-01	6.31E-01	1.14E+02	4.61E-04	1.14E+02	1.15E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MB413A	2.48E-02	3.21E+00	-4.16E-02	3.26E+00	2.23E-06	0.00E+00	2.23E+03	9.69E-05	2.17E-03	2.32E-02	3.76E-03	6.71E+00	2.75E-08	1.61E-07	1.47E+01	2.23E-01	5.10E-03	1.48E-01	3.66E-02	5.01E-01	1.13E+02	3.46E+00	6.71E-07	1.66E-07	8.91E-03	2.21E-04	6.57E-01	1.14E+00	1.16E+02	5.06E-04	1.16E+02	1.17E+02	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MB416A	2.46E-02	3.22E+00	-3.51E-02	3.26E+00	2.17E-06	0.00E+00	2.23E+03	9.68E-05	2.01E-03	2.16E-02	3.73E-03	6.46E+00	2.75E-08	1.53E-07	1.37E+01	1.99E-01	5.06E-03	1.48E-01	3.77E-02	5.01E-01	1.11E+02	3.44E+00	5.01E-07	1.60E-07	8.05E-03	2.18E-04	6.31E-01	8.67E-01	1.15E+02	5.17E-04	1.15E+02	1.15E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MB420A	2.48E-02	3.26E+00	-3.47E-02	3.29E+00	2.15E-06	0.00E+00	2.23E+03	1.00E-04	2.17E-03	2.34E-02	3.84E-03	6.72E+00	2.84E-08	1.63E-07	1.40E+01	2.20E-01	5.23E-03	1.48E-01	3.89E-02	5.10E-01	1.11E+02	3.45E+00	5.07E-07	1.65E-07	8.81E-03	2.22E-04	6.52E-01	8.70E-01	1.15E+02	6.81E-04	1.15E+02	1.15E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
MB425A	2.91E-02	2.52E+00	-2.72E-02	2.55E+00	2.07E-06	0.00E+00	1.74E+03	2.82E-04	1.74E-03	1.94E-02	3.95E-03	8.72E+00	2.41E-08	2.17E-07	1.95E+01	7.69E-01	5.37E-03	1.48E-01	4.15E-02	5.19E-01	1.11E+02	2.68E+00	5.13E-07	1.80E-07	8.91E-03	2.32E-04	7.88E-01	6.40E-01	1.14E+02	1.98E-03	1.14E+02	1.15E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MB432A	3.60E-02	3.30E+00	-1.90E-02	3.34E+00	2.54E-06	0.00E+00	1.12E+03	5.55E-04	2.32E-03	2.53E-02	4.23E-03	1.24E+01	5.91E-07	3.64E-07	2.73E+01	1.44E+00	5.71E-03	1.50E-01	5.07E-02	6.70E-01	9.79E+01	2.85E+00	6.31E-07	2.31E-07	1.04E-02	2.63E-04	1.43E+00	1.02E+00	9.99E+01	7.20E-03	9.99E+01	1.02E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+00
MB440A	3.82E-02	3.38E+00	-1.04E-02	3.36E+00	2.54E-06	0.00E+00	1.11E+03	5.55E-04	2.35E-03	2.55E-02	4.23E-03	1.30E+01	5.92E-07	3.71E-07	2.77E+01	1.44E+00	5.74E-03	1.50E-01	5.28E-02	6.89E-01	9.98E+01	2.88E+00	7.04E-07	2.44E-07	1.04E-02	2.62E-04	1.44E+00	9.21E-01	1.01E+02	7.20E-03	1.01E+02	1.04E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
MB450A	5.00E-02	3.49E+00	1.18E-02	3.51E+00	2.50E-06	0.00E+00	1.11E+03	5.84E-04	2.58E-03	2.85E-02	4.36E-03	2.27E+01	2.98E-08	5.30E-07	4.69E+01	1.64E+00	5.91E-03	1.43E-01	6.84E-02	8.10E-01	9.65E+01	2.85E+00	7.34E-07	3.22E-07	1.18E-02	3.25E-04	1.94E+00	9.33E-01	9.89E+01	7.96E-03	9.89E+01	1.02E+02	2.86E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00
MB463A	5.09E-02	3.54E+00	1.18E-02	3.51E+00	2.53E-06	0.00E+00	1.11E+03	5.84E-04	2.59E-03	2.86E-02	4.37E-03	2.31E+01	3.10E-08	5.46E-07	4.73E+01	1.64E+00	5.92E-03	1.43E-01	6.87E-02	8.61E-01	9.77E+01	2.86E+00	8.11E-07	3.37E-07	1.20E-02	3.26E-04	1.98E+00	1.04E+00	9.90E+01	7.93E-03	9.90E+01	1.04E+02	2.92E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
MB506A	1.23E-02	1.65E+00	-2.35E-02	1.70E+00	1.06E-06	0.00E+00	1.63E+03	5.97E-05	1.21E-03	1.26E-02	1.84E-03	2.60E+00	1.77E-08	5.88E-08	5.22E+00	1.24E-01	2.49E-03	9.32E-02	1.44E-02	2.40E-01	6.98E+01	2.30E+00	2.49E-07	7.22E-08	4.12E-03	1.04E-04	2.61E-01	6.19E-01	7.17E+01	2.49E-04	7.17E+01	7.31E+01	6.49E-01	0.00E+00	0.00E+00	0.00E+00	6.18E-01
MB510A	1.25E-02	1.65E+00	-2.37E-02	1.70E+00	1.05E-06	0.00E+00	1.64E+03	6.26E-05	1.21E-03	1.26E-02	1.84E-03	3.23E+00	1.83E-08	8.17E-08	6.40E+00	1.35E-01	2.49E-03	9.32E-02	1.75E-02	2.45E-01	6.99E+01	2.30E+00	2.50E-07	7.25E-08	4.12E-03	1.06E-04	3.29E-01	6.19E-01	7.17E+01	2.48E-04	7.17E+01	7.30E+01	7.00E-01	0.00E+00	0.00E+00	0.00E+00	7.45E-01
MB513A	1.33E-02	1.73E+00	-2.17E-02	1.76E+00	8.29E-07	0.00E+00	1.62E+03	6.95E-05	1.24E-03	1.28E-02	1.84E-03	3.59E+00	2.19E-08	8.69E-08	7.20E+00	1.54E-01	2.49E-03	9.34E-02	1.71E-02	2.55E-01	6.98E+01	2.31E+00	2.54E-07	8.14E-08	4.22E-03	1.08E-04	3.66E-01	5.36E-01	7.17E+01	2.25E-04	7.17E+01	7.30E+01	7.17E-01	0.00E+00	0.00E+00	0.00E+00	7.35E-01
MB516A	1.37E-02	1.69E+00	-1.56E-02	1.69E+00	8.40E-07	0.00E+00	1.21E+03	6.39E-05	1.06E-03	1.14E-02	1.76E-03	3.64E+00	1.42E-08	8.42E-08	7.41E+00	1.49E-01	2.33E-03	9.56E-02	1.95E-02	2.55E-01	7.16E+01	1.86E+00	2.56E-07	8.86E-08	4.27E-03	1.09E-04	3.45E-01	3.91E-01	7.33E+01	2.47E-04	7.33E+01	7.46E+01	7.66E-01	0.00E+00	0.00E+00	0.00E+00	8.55E-01
MB520A	1.39E-02	1.60E+00	-1.38E-02	1.61E+00	8.41E-07	0.00E+00	1.19E+03	9.33E-05	1.04E-03	1.12E-02	1.76E-03	4.00E+00	1.73E-07	9.40E-08	8.67E+00	2.10E-01	2.32E-03	9.33E-02	1.96E-02	2.55E-01	6.81E+01	1.82E+00	2.59E-07	8.83E-08	4.22E-03	1.10E-04	4.25E-01	3.88E-01	6.98E+01	2.35E-04	6.98E+01	7.14E+01	8.26E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-01
MB525A	1.53E-02	1.69E+00	-1.38E-02	1.69E+00	7.87E-07	0.00E+00	1.20E+03	1.20E-04	1.10E-03	1.18E-02	1.83E-03	4.43E+00	1.76E-07	1.05E-07	9.51E+00	2.17E-01	2.43E-03	9.55E-02	2.19E-02	2.69E-01	7.06E+01	1.90E+00	2.61E-07	9.82E-08	4.60E-03	1.10E-04	4.19E-01	3.99E-01	7.24E+01	3.08E-04	7.24E+01	7.35E+01	9.20E-01	0.00E+00	0.00E+00	0.00E+00	9.37E-01
MB532A	1.72E-02	1.68E+00	-5.23E-03	1.66E+00	1.19E-06	0.00E+00	7.33E+02	2.73E-04	1.15E-03	1.24E-02	1.87E-03	6.76E+00	3.31E-07	1.87E-07	1.45E+01	6.39E-01	2.48E-03	9.66E-02	2.41E-02	3.14E-01	6.27E+01	1.50E+00	3.00E-07	1.10E-07	4.93E-03	1.28E-04	7.30E-01	4.03E-01	6.47E+01	4.74E-03	6.47E+01	6.62E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MB563A	2.54E-02	1.89E+00	7.70E-03	1.86E+00	1.16E-06	0.00E+00	9.38E+02	3.06E-04	1.44E-03	1.57E-02	2.21E-03	1.25E+01	1.70E-08	2.80E-07	2.53E+01	8.78E-01	2.97E-03	9.79E-02	3.77E-02	3.97E-01	6.22E+01	1.85E+00	3.94E-07	1.67E-07	5.89E-03	1.66E-04	1.07E+00	5.65E-01	6.37E+01	5.27E-03	6.37E+01	6.57E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MBA150	1.09E-02	1.00E+00	-1.45E-03	9.84E-01	9.54E-07	0.00E+00	4.42E+02	1.33E-04	7.71E-04	8.32E-03	1.05E-03	4.79E+00	1.94E-08	1.09E-07	9.92E+00	3.88E-01	1.44E-03	4.47E-02	1.56E-02	1.83E-01	3.30E+01	1.04E+00	1.27E-07	7.03E-08	3.22E-03	7.08E-05	5.27E-01	2.47E-01	3.34E+01	1.41E-03	3.34E+01	3.47E+01	7.70E-01	0.00E+00	0.00E+00	0.00E+00	6.62E-01
MBA163	1.23E-02	8.65E-01	1.67E-03	8.67E-01	9.70E-07	0.00E+00	5.42E+02	1.55E-04	6.53E-04	7.07E-03	1.00E-03	5.99E+00	2.44E-08	1.43E-07	1.27E+01	4.42E-01	1.36E-03	4.31E-02	1.83E-02	1.78E-01	2.84E+01	1.04E+00	1.13E-07	8.01E-08	2.81E-03	6.56E-05	5.89E-01	2.28E-01	2.96E+01	5.29E-04	2.96E+01	3.02E+01	7.89E-01	0.00E+00	0.00E+00	0.00E+00	7.78E-01
MBA232	1.58E-02	1.91E+00	-2.00E-02	1.95E+00	1.50E-06	0.00E+00	1.48E+03	1.31E-04	1.38E-03	1.48E-02	2.06E-03	5.69E+00	3.23E-08	1.42E-07	1.22E+01	3.35E-01	2.79E-03	7.92E-02	2.19E-02	3.31E-01	6.55E+01	2.45E+00	1.92E-07	1.01E-07	5.90E-03	1.28E-04	6.58E-01	6.39E-01	6.82E+01	7.21E-04	6.82E+01	6.84E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-01
MBN006	5.72E-03	8.50E-01	-1.01E-02	8.72E-01	9.16E-07	0.00E+00	6.65E+02	2.51E-05	5.17E-04	5.44E-03	8.74E-04	1.12E+00	1.39E-08	3.13E-08	2.29E+00	5.37E-02	1.18E-03	4.52E-02	8.46E-03	1.18E-01	3.43E+01	9.31E-01	1.28E-07	3.77E-08	1.99E-03	5.02E-05	1.57E-01	2.15E-01	3.51E+01	9.98E-05	3.51E+01	3.58E+01	3.74E-01	0.00E+00	0.00E+00	0.00E+00	3.66E-01
MBN010	5.76E-03	8.69E-01	-1.05E-02	9.01E-01	9.33E-07	0.00E+00	7.75E+02	2.51E-05	5.21E-04	5.51E-03	9.32E-04	1.24E+00	1.40E-08	3.15E-08	2.31E+00	5.37E-02	1.27E-03	4.53E-02	8.68E-03	1.21E-01	3.52E+01	9.67E-01	1.28E-07	3.82E-08	2.01E-03	5.02E-05	1.57E-01	2.37E-01	3.60E+01	1.00E-04	3.60E+01	3.69E+01	3.77E-01	0.00E+00	0.00E+00	0.00E+00	3.72E-01
MBN013	6.03E-03	8.21E-01	-8.83E-03	8.30E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	4.99E-04	5.37E-03	8.88E-04	1.47E+00	7.07E-09	3.47E-08	2.69E+00	5.29E-02	1.20E-03	4.52E-02	8.97E-03	1.26E-01	3.43E+01	9.13E-01	1.29E-07	4.27E-08	2.01E-03	4.98E-05	1.69E-01	2.06E-01	3.52E+01	1.01E-04	3.52E+01	3.56E+01	3.75E-01	0.00E+00	0.00E+00	0.00E+00	3.85E-01
MBN016	5.97E-03	8.20E-01	-8.83E-03	8.28E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	4.97E-04	5.35E-03	8.87E-04	1.46E+00	6.81E-09	3.44E-08	2.68E+00	5.29E-02	1.20E-03	4.52E-02	8.87E-03	1.22E-01	3.43E+01	9.13E-01	1.29E-07	4.21E-08	2.00E-03	4.97E-05	1.68E-01	2.06E-01	3.52E+01	1.01E-04	3.52E+01	3.56E+01	3.74E-01	0.00E+00	0.00E+00	0.00E+00	3.81E-01
MBN020	6.20E-03	8.27E-01	-8.35E-03	8.31E-01	9.21E-07	0.00E+00	6.56E+02	6.03E-05	5.04E-04	5.42E-03	9.04E-04	1.59E+00	5.44E-08	4.03E-08	3.51E+00	1.09E-01	1.22E-03	4.52E-02	9.27E-03	1.27E-01	3.40E+01	9.14E-01	1.28E-07	4.21E-08	2.03E-03	5.08E-05	1.67E-01	2.08E-01	3.49E+01	1.05E-04	3.49E+01	3.55E+01	3.82E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-01
MBN025	6.83E-03	8.33E-01	-8.36E-03	8.45E-01	9.11E-07	0.00E+00	6.57E+02	2.63E-05	5.22E-04	5.65E-03	9.33E-04	1.81E+00	7.49E-09	4.48E-08	3.86E+00	5.67E-02	1.26E-03	4.52E-02	9.76E-03	1.28E-01	3.46E+01	9.15E-01	1.29E-07	4.46E-08	2.12E-03	5.16E-05	1.76E-01	2.11E-01	3.54E+01	1.33E-04	3.54E+01	3.58E+01	3.99E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
MBN032	9.66E-03	9.65E-01	-3.40E-03	9.57E-01	9.99E-07	0.00E+00	3.83E+02	1.47E-04	7.13E-04	7.41E-03	1.06E-03	3.60E+00	1.80E-07	9.69E-08	7.57E+00	3.83E-01	1.44E-03	4.88E-02	1.38E-02	1.70E-01	3.12E+01	7.55E-01	1.46E-07	6.33E-08	2.99E-03	5.80E-05	3.64E-01	2.34E-01	3.16E+01	1.98E-03	3.16E+01	3.21E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	5.91E-01

MBN040	9.74E-03	9.64E-01	-3.40E-03	9.56E-01	9.99E-07	0.00E+00	3.82E+02	1.47E-04	7.12E-04	7.39E-03	1.06E-03	3.59E+00	1.80E-07	9.68E-08	7.59E+00	3.84E-01	1.44E-03	4.87E-02	1.39E-02	1.70E-01	3.12E+01	7.58E-01	1.46E-07	6.34E-08	3.00E-03	5.80E-05	3.65E-01	2.34E-01	3.15E+01	1.98E-03	3.15E+01	3.20E+01	5.98E-01	0.00E+00	0.00E+00	0.00E+00	5.95E-01
MBN106	5.64E-03	7.94E-01	-9.17E-03	8.04E-01	9.10E-07	0.00E+00	6.72E+02	2.52E-05	4.81E-04	5.16E-03	8.63E-04	1.08E+00	6.91E-09	3.11E-08	2.29E+00	5.28E-02	1.17E-03	4.44E-02	8.30E-03	1.11E-01	3.34E+01	9.40E-01	1.21E-07	3.58E-08	1.91E-03	4.42E-05	1.42E-01	2.04E-01	3.43E+01	9.65E-05	3.43E+01	3.47E+01	3.46E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-01
MBN106A	5.84E-03	8.85E-01	-1.08E-02	9.16E-01	9.54E-07	0.00E+00	7.92E+02	2.53E-05	5.25E-04	5.61E-03	9.37E-04	1.17E+00	1.46E-08	3.16E-08	2.26E+00	5.50E-02	1.28E-03	4.79E-02	8.56E-03	1.13E-01	3.74E+01	1.02E+00	1.24E-07	3.86E-08	2.00E-03	4.53E-05	1.51E-01	2.38E-01	3.88E+01	9.93E-05	3.88E+01	3.95E+01	3.57E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MBN106E	5.64E-03	7.94E-01	-9.17E-03	8.04E-01	9.10E-07	0.00E+00	6.72E+02	2.52E-05	4.81E-04	5.16E-03	8.63E-04	1.08E+00	6.91E-09	3.11E-08	2.29E+00	5.28E-02	1.17E-03	4.44E-02	8.30E-03	1.11E-01	3.34E+01	9.40E-01	1.21E-07	3.58E-08	1.91E-03	4.42E-05	1.42E-01	2.04E-01	3.43E+01	9.65E-05	3.43E+01	3.47E+01	3.46E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-01
MBN106W	5.66E-03	8.38E-01	-9.97E-03	8.50E-01	9.10E-07	0.00E+00	6.68E+02	2.51E-05	5.08E-04	5.34E-03	8.60E-04	1.09E+00	1.37E-08	3.13E-08	2.29E+00	5.34E-02	1.17E-03	4.44E-02	8.35E-03	1.14E-01	3.42E+01	9.36E-01	1.24E-07	3.60E-08	1.93E-03	4.47E-05	1.56E-01	2.15E-01	3.49E+01	9.90E-05	3.49E+01	3.54E+01	3.72E-01	0.00E+00	0.00E+00	0.00E+00	3.59E-01
MBN110	4.13E-03	6.35E-01	-9.99E-03	6.45E-01	9.10E-07	0.00E+00	6.06E+02	2.38E-05	4.00E-04	4.27E-03	7.79E-04	9.85E-01	6.37E-09	2.72E-08	1.97E+00	5.12E-02	1.06E-03	3.35E-02	6.64E-03	6.02E-02	2.41E+01	8.77E-01	7.82E-08	2.70E-08	1.54E-03	1.93E-05	1.01E-01	1.95E-01	2.50E+01	5.62E-05	2.50E+01	2.53E+01	2.96E-01	0.00E+00	0.00E+00	0.00E+00	2.85E-01
MBN110E	3.08E-03	5.97E-01	-7.74E-03	6.05E-01	9.04E-07	0.00E+00	7.92E+02	1.47E-05	3.88E-04	4.19E-03	7.95E-04	2.85E+00	6.39E-09	2.07E-08	1.22E+00	2.84E-02	1.08E-03	1.25E-02	4.30E-03	2.67E-01	1.07E+01	9.85E-01	8.50E-08	6.95E-08	1.41E-03	1.54E-04	1.53E-01	2.07E-01	1.17E+01	3.81E-05	1.17E+01	1.21E+01	3.60E-01	0.00E+00	0.00E+00	4.36E-04	1.85E-01
MBN110W	5.23E-03	7.46E-01	-1.03E-02	7.60E-01	8.61E-07	0.00E+00	6.48E+02	2.47E-05	5.50E-04	5.97E-03	8.08E-04	1.07E+00	8.19E-09	2.87E-08	2.14E+00	5.49E-02	1.09E-03	3.45E-02	6.64E-03	7.88E-02	2.57E+01	9.06E-01	9.31E-08	3.28E-08	2.04E-03	2.42E-05	1.53E-01	2.06E-01	2.65E+01	6.44E-05	2.65E+01	2.69E+01	3.68E-01	0.00E+00	0.00E+00	0.00E+00	2.86E-01
MBN113	4.53E-03	6.38E-01	-9.35E-03	6.52E-01	9.10E-07	0.00E+00	5.91E+02	2.36E-05	4.08E-04	4.39E-03	8.03E-04	1.09E+00	6.20E-09	3.01E-08	2.21E+00	5.12E-02	1.09E-03	3.38E-02	6.99E-03	5.81E-02	2.47E+01	8.43E-01	7.98E-08	2.89E-08	1.63E-03	1.94E-05	1.11E-01	1.96E-01	2.56E+01	5.78E-05	2.56E+01	2.57E+01	3.05E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-01
MBN113E	5.90E-03	7.96E-01	-8.85E-03	8.05E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	4.85E-04	5.21E-03	8.73E-04	1.26E+00	7.07E-09	3.42E-08	2.67E+00	5.28E-02	1.18E-03	4.40E-02	8.69E-03	1.18E-01	3.34E+01	9.16E-01	1.23E-07	3.76E-08	1.94E-03	4.56E-05	1.52E-01	2.05E-01	3.43E+01	9.85E-05	3.43E+01	3.47E+01	3.56E-01	0.00E+00	0.00E+00	0.00E+00	3.73E-01
MBN116E	5.93E-03	8.05E-01	-9.00E-03	8.14E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	4.95E-04	5.32E-03	8.77E-04	1.38E+00	6.91E-09	3.44E-08	2.68E+00	5.28E-02	1.19E-03	4.44E-02	8.91E-03	1.17E-01	3.36E+01	9.20E-01	1.24E-07	3.79E-08	1.97E-03	4.54E-05	1.53E-01	2.06E-01	3.46E+01	1.00E-04	3.46E+01	3.49E+01	3.62E-01	0.00E+00	0.00E+00	0.00E+00	3.81E-01
MBN116W	5.21E-03	7.46E-01	-1.03E-02	7.56E-01	8.61E-07	0.00E+00	6.43E+02	2.44E-05	5.49E-04	5.95E-03	8.07E-04	1.09E+00	8.09E-09	2.88E-08	2.16E+00	5.43E-02	1.09E-03	3.45E-02	6.65E-03	7.80E-02	2.56E+01	9.00E-01	9.33E-08	3.26E-08	2.03E-03	2.42E-05	1.53E-01	2.06E-01	2.64E+01	6.44E-05	2.64E+01	2.68E+01	3.64E-01	0.00E+00	0.00E+00	0.00E+00	2.86E-01
MBN120	4.36E-03	6.34E-01	-9.76E-03	6.44E-01	9.10E-07	0.00E+00	5.90E+02	2.34E-05	4.02E-04	4.31E-03	7.80E-04	1.18E+00	6.26E-09	2.99E-08	2.39E+00	5.12E-02	1.06E-03	3.35E-02	6.91E-03	5.92E-02	2.41E+01	8.44E-01	7.95E-08	2.83E-08	1.57E-03	1.96E-05	1.16E-01	1.95E-01	2.50E+01	5.83E-05	2.50E+01	2.53E+01	3.11E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-01
MBN120E	6.18E-03	8.22E-01	-8.77E-03	8.27E-01	9.20E-07	0.00E+00	6.59E+02	5.30E-05	5.00E-04	5.38E-03	8.89E-04	1.59E+00	4.33E-08	4.05E-08	3.27E+00	8.84E-02	1.20E-03	4.46E-02	9.30E-03	1.23E-01	3.37E+01	9.20E-01	1.25E-07	4.14E-08	2.00E-03	4.57E-05	1.64E-01	2.06E-01	3.46E+01	1.05E-04	3.46E+01	3.49E+01	3.73E-01	0.00E+00	0.00E+00	0.00E+00	3.96E-01
MBN125	6.73E-03	8.14E-01	-8.12E-03	8.22E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.05E-04	5.45E-03	9.10E-04	1.81E+00	7.48E-09	4.42E-08	3.87E+00	5.28E-02	1.23E-03	4.42E-02	9.66E-03	1.24E-01	3.38E+01	9.20E-01	1.26E-07	4.27E-08	2.06E-03	4.71E-05	1.71E-01	2.08E-01	3.47E+01	1.04E-04	3.47E+01	3.51E+01	3.79E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN125A	6.92E-03	8.46E-01	-8.45E-03	8.57E-01	9.08E-07	0.00E+00	6.63E+02	2.61E-05	5.43E-04	5.85E-03	9.45E-04	1.81E+00	8.54E-09	5.05E-08	3.87E+00	5.50E-02	1.28E-03	4.84E-02	1.04E-02	1.29E-01	3.63E+01	9.49E-01	1.26E-07	4.49E-08	2.26E-03	4.72E-05	2.10E-01	2.14E-01	3.70E+01	1.30E-04	3.70E+01	3.70E+01	4.78E-01	0.00E+00	0.00E+00	0.00E+00	4.50E-01
MBN125E	6.73E-03	8.14E-01	-8.12E-03	8.22E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.06E-04	5.45E-03	9.10E-04	1.81E+00	7.48E-09	4.42E-08	3.87E+00	5.28E-02	1.23E-03	4.42E-02	9.66E-03	1.24E-01	3.38E+01	9.20E-01	1.26E-07	4.27E-08	2.06E-03	4.71E-05	1.71E-01	2.08E-01	3.47E+01	1.04E-04	3.47E+01	3.51E+01	3.79E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN125W	6.76E-03	9.48E-01	-1.39E-02	9.55E-01	9.56E-07	0.00E+00	7.81E+02	2.61E-05	5.58E-04	5.92E-03	9.93E-04	1.85E+00	1.44E-08	4.49E-08	3.87E+00	5.66E-02	1.40E-03	4.46E-02	9.72E-03	1.25E-01	3.58E+01	9.75E-01	1.25E-07	4.36E-08	2.19E-03	4.73E-05	1.76E-01	2.59E-01	3.70E+01	1.41E-04	3.70E+01	3.75E+01	3.97E-01	0.00E+00	0.00E+00	0.00E+00	4.17E-01
MBN132	9.50E-03	8.21E-01	-2.40E-03	8.23E-01	9.93E-07	0.00E+00	3.82E+02	1.45E-04	5.74E-04	6.21E-03	1.04E-03	3.48E+00	1.60E-07	9.57E-08	7.47E+00	3.78E-01	1.41E-03	4.78E-02	1.34E-02	1.63E-01	3.01E+01	7.60E-01	1.45E-07	5.98E-08	2.51E-03	5.67E-05	3.60E-01	2.22E-01	3.09E+01	1.97E-03	3.09E+01	3.15E+01	5.82E-01	0.00E+00	0.00E+00	0.00E+00	5.74E-01
MBN132A	9.71E-03	9.81E-01	-3.11E-03	9.83E-01	9.95E-07	0.00E+00	3.78E+02	1.56E-04	7.27E-04	7.67E-03	1.06E-03	3.52E+00	1.80E-07	9.70E-08	7.53E+00	4.02E-01	1.44E-03	5.16E-02	1.40E-02	1.75E-01	3.32E+01	8.02E-01	1.45E-07	6.09E-08	3.04E-03	5.60E-05	3.75E-01	2.35E-01	3.40E+01	1.97E-03	3.40E+01	3.46E+01	6.23E-01	0.00E+00	0.00E+00	0.00E+00	5.99E-01
MBN132E	9.50E-03	8.21E-01	-2.40E-03	8.24E-01	9.93E-07	0.00E+00	3.82E+02	1.45E-04	5.74E-04	6.21E-03	1.04E-03	3.48E+00	1.60E-07	9.57E-08	7.47E+00	3.78E-01	1.41E-03	4.78E-02	1.34E-02	1.63E-01	3.01E+01	7.60E-01	1.45E-07	5.98E-08	2.51E-03	5.67E-05	3.60E-01	2.22E-01	3.09E+01	1.97E-03	3.09E+01	3.15E+01	5.82E-01	0.00E+00	0.00E+00	0.00E+00	5.74E-01
MBN132W	9.52E-03	1.01E+00	-1.12E-02	1.03E+00	1.04E-06	0.00E+00	8.72E+02	1.49E-04	9.80E-04	9.65E-03	1.11E-03	3.51E+00	2.81E-07	1.00E-07	7.66E+00	3.90E-01	1.56E-03	4.82E-02	1.35E-02	1.78E-01	3.25E+01	1.37E+00	1.46E-07	6.08E-08	2.99E-03	5.75E-05	3.76E-01	5.46E-01	3.37E+01	2.09E-03	3.37E+01	3.42E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	5.73E-01
MBN140	9.65E-03	9.42E-01	-3.20E-03	9.41E-01	9.93E-07	0.00E+00	3.83E+02	1.46E-04	7.01E-04	7.31E-03	1.05E-03	3.49E+00	1.61E-07	9.59E-08	7.53E+00	3.77E-01	1.41E-03	4.81E-02	1.36E-02	1.66E-01	3.04E+01	7.59E-01	1.46E-07	6.10E-08	2.97E-03	5.72E-05	3.56E-01	2.34E-01	3.11E+01	2.03E-03	3.11E+01	3.16E+01	5.94E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01
MBN140A	9.95E-03	9.80E-01	-3.11E-03	9.82E-01	9.95E-07	0.00E+00	3.79E+02	1.56E-04	7.27E-04	7.66E-03	1.06E-03	3.52E+00	1.81E-07	9.65E-08	7.56E+00	4.02E-01	1.44E-03	5.16E-02	1.40E-02	1.75E-01	3.32E+01	8.05E-01	1.45E-07	6.18E-08	3.04E-03	5.60E-05	3.76E-01	2.35E-01	3.40E+01	1.97E-03	3.40E+01	3.46E+01	6.26E-01	0.00E+00	0.00E+00	0.00E+00	6.00E-01
MBN140E	9.73E-03	8.38E-01	-2.77E-03	8.38E-01	9.93E-07	0.00E+00	3.89E+02	1.47E-04	5.88E-04	6.38E-03	1.06E-03	3.48E+00	1.61E-07	9.55E-08	7.51E+00	3.79E-01	1.43E-03	4.79E-02	1.37E-02	1.65E-01	3.03E+01	8.23E-01	1.46E-07	6.12E-08	2.57E-03	5.69E-05	3.74E-01	2.23E-01	3.10E+01	1.93E-03	3.10E+01	3.15E+01	6.07E-01	0.00E+00	0.00E+00	0.00E+00	5.89E-01
MBN140W	9.62E-03	1.01E+00	-1.12E-02	1.03E+00	1.04E-06	0.00E+00	8.72E+02	1.49E-04	9.80E-04	9.65E-03	1.11E-03	3.50E+00	2.81E-07	1.00E-07	7.67E+00	3.91E-01	1.56E-03	4.81E-02	1.38E-02	1.78E-01	3.25E+01	1.37E+00	1.46E-07	6.12E-08	2.99E-03	5.75E-05	3.76E-01	5.46E-01	3.36E+01	2.09E-03	3.36E+01	3.41E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	5.80E-01
MBN150	1.26E-02	1.01E+00	3.10E-03	9.98E-01	9.80E-07	0.00E+00	3.78E+02	1.50E-04	7.75E-04	8.23E-03	1.11E-03	5.78E+00	1.39E-08	1.32E-07	1.16E+01	4.45E-01	1.50E-03	4.85E-02	1.78E-02	2.00E-01	3.13E+01	7.55E-01	1.90E-07	8.26E-08	3.27E-03	7.52E-05	5.14E-01	2.39E-01	3.17E+01	2.23E-03	3.17E+01	3.21E+01	7.35E-01	0.00E+00	0.00E+00	0.00E+00	7.62E-01
MBN150E	1.26E-02	1.01E+00	3.10E-03	9.98E-01	9.80E-07	0.00E+00	3.78E+02	1.50E-04	7.75E-04	8.23E-03	1.11E-03	5.78E+00	1.39E-08	1.32E-07	1.16E+01	4.45E-01	1.50E-03	4.85E-02	1.78E-02	2.00E-01	3.13E+01	7.55E-01	1.90E-07	8.26E-08	3.27E-03	7.52E-05	5.14E-01	2.39E-01	3.17E+01	2.22E-03	3.17E+01	3.21E+01	7.35E-01	0.00E+00	0.00E+00	0.00E+00	7.62E-01
MBN150W	1.26E-02	1.00E+00	3.40E-03	9.94E-01	9.80E-07	0.00E+00	3.78E+02	1.50E-04	7.68E-04	8.16E-03	1.10E-03	5.78E+00	1.39E-08	1.32E-07	1.16E+01	4.45E-01	1.49E-03	4.85E-02	1.78E-02	1.97E-01	3.06E+01	7.54E-01	1.90E-07	8.26E-08	3.26E-03	7.52E-05	5.06E-01	2.39E-01	3.12E+01	2.21E-03	3.12E+01	3.17E+01	7.35E-01	0.00E+00	0.00E+00	0.00E+00	7.62E-01
MBN163	1.28E-02	1.01E+00	3.40E-03	9.98E-01	9.80E-07	0.00E+00	3.78E+02	1.56E-04	7.74E-04	8.24E-03	1.11E-03	6.36E+00	1.38E-08	1.42E-07	1.29E+01	4.52E-01	1.50E-03	4.84E-02	1.80E-02	2.06E-01	3.11E+01	7.54E-01	1.91E-07	8.49E-08	3.26E-03	7.52E-05	5.42E-01	2.39E-01	3.15E+01	2.23E-03	3.15E+01	3.21E+01	7.46E-01	0.00E+00	0.00E+00	0.00E+00	7.74E-01
MBN163A	1.29E-02	1.03E+00	4.73E-03	1.03E+00	1.02E-06	0.00E+00	4.82E+02	1.79E-04	7.78E-04	8.39E-03	1.17E-03	6.30E+00	1.53E-08	1.44E-07	1.33E+01	5.51E-01	1.63E-03	5.24E-02	1.83E-02	2.12E-01	3.41E+01	8.45E-01	1.91E-07	8.58E-08	3.29E-03	7.56E-05	5.74E-01	2.77E-01	3.59E+01	1.98E-03	3.59E+01	3.65E+01	7.69E-01	0.00E+00	0.00E+00	0.00E+00	7.94E-01
MBN163E	1.28E-02	9.91E-01	3.40E-03	9.88E-01	9.80E-07	0.00E+00	3.79E+02	1.55E-04	7.65E-04	8.15E-03	1.11E-03	6.36E+00	1.36E-08	1.42E-07	1.29E+01	4.51E-01	1.50E-03	4.84E-02	1.80E-02	2.04E-01	3.03E+01	7.54E-01	1.91E-07	8.49E-08	3.26E-03	7.52E-05	5.32E-01	2.37E-01	3.11E+01	2.23E-03	3.11E+01	3.16E+01	7.46E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
MBN163W	1.28E-02	1.01E+00	3.75E-03	9.99E-01	9.87E-07	0.00E+00	3.78E+02	1.56E-04	7.74E-04	8.24E-03	1.11E-03	6.36E+00	1.42E-08	1.42E-07	1.30E+01	4.61E-01	1.51E-03	4.85E-02	1.80E-02	2.07E-01	3.11E+01	7.54E-01	1.91E-07	8.50E-08	3.26E-03	7.52E-05	5.45E-01	2.39E-01	3.15E+01	2.24E-03	3.15E+01	3.21E+01	7.50E-01	0.00E+00	0.00E+00	0.00E+00	7.74E-01
MBN206	1.08E-02	1.62E+00	-2.27E-02	1.64E+00	1.46E-06	0.00E+00	1.49E+03	5.03E-05	1.12E-03	1.17E-02	1.73E-03	2.16E+00	1.50E-08	6.19E-08	4.48E+00	1.06E-01	2.35E-03	8.89E-02	1.34E-02	2.39E-01	6.74E+01	2.10E+00	2.47E-07	6.94E-08	3.98E-03	1.04E-04	2.87E-01	5.30E-01	6.88E+01	2.23E-04	6.88E+01	7.00E+01	6.83E-01	0.00E+00	0.00E+00	0.00E+00	5.71E-01
MBN206E	1.13E-02	1.58E+00	-1.83E-02	1.60E+00	1.52E-06	0.00E+00	1.29E+03	4.95E-05	9.57E-04	1.03E-02	1.72E-03	2.16E+00	1.35E-08	6.05E-08	4.58E+00	1.04E-01	2.33E-03	8.87E-02	1.65E-02	2.38E-01	6.68E+01	1.82E+00	2.45E-07	7.21E-08	3.84E-03	1.04E-04	2.88E-01	4.08E-01	6.86E+01	2.38E-04	6.86E+01	6.93E+01	6.96E-01	0.00E+00	0.00E+00	0.00E+00	7.11E-01
MBN210	1.12E-02	1.59E+00	-2.23E-02	1.62E+00	1.45E-06	0.00E+00	1.46E+03	5.44E-05	1.08E-03	1.14E-02	1.72E-03	2.29E+00	1.52E-08	6.52E-08	5.03E+00	1.09E-01	2.33E-03	8.79E-02	1.64E-02	2.46E-01	6.69E+01	2.09E+00	2.46E-07	7.16E-08	3.86E-03	1.06E-04	3.15E-01	5.28E-01	6.87E+01	2.12E-04	6.87E+01	6.96E+01	7.21E-01	0.00E+00	0.00E+00	0.00E+00	7.04E-01
MBN210E	1.13E-02	1.58E+00	-1.80E-02	1.59E+00	1.50E-06	0.00E+00	1.27E+03	4.94E-05	9.56E-04	1.03E-02	1.72E-03	2.18E+00	1.33E-08	6.08E-08	4.61E+00	1.04E-01	2.33E-03	8.80E-02	1.66E-02	2.46E-01	6.68E+01	1.80E+00	2.46E-07	7.21E-08	3.84E-03	1.07E-04	3.07E-01	4.08E-01	6.86E+01	1.98E-04	6.86E+01	6.93E+01	7.15E-01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MBN213	1.16E-02	1.59E+00	-1.80E-02	1.61E+00	1.50E-06	0.00E+00	1.28E+03	5.02E-05	9.72E-04	1.05E-02	1.72E-03	2.50E+00	1.36E-08	6.97E-08	5.57E+00	1.04E-01	2.28E-03	8.81E-02	1.59E-02	2.54E-01	6.68E+01	1.80E+00	2.48E-07	7.40E-08	3.94E-03	1.08E-04	3.15E-01	3.99E-01	6.84E+01	2.12E-04	6.84E+01	6.94E+01	7.31E-01	0.00E+00	0.00E+00	0.00E+00	6.88E-01
MBN213E	1.21E-02	1.59E+00	-1.95E-02	1.62E+00	1.50E-06	0.00E+00	1.46E+03	5.06E-05	1.10E-03	1.16E-02	1.76E-03	2.55E+00	1.48E-08	7.18E-08	5.69E+00	1.05E-01	2.38E-03	8.80E-02	1.58E-02	2.63E-01	6.69E+01	2.09E+00	2.49E-07	7.60E-08	4.10E-03	1.09E-04	3.19E-01	4.21E-01	6.87E+01	2.16E-04	6.87E+01	6.96E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	6.86E-01
MBN216	1.22E-02	1.59E+00	-1.90E-02	1.61E+00	1.50E-06	0.00E+00	1.27E+03	4.98E-05	9.72E-04	1.05E-02	1.76E-03	2.73E+00	1.39E-08	7.31E-08	6.12E+00	1.04E-01	2.38E-03	8.81E-02	1.71E-02	2.55E-01	6.69E+01	1.80E+00	2.49E-07	7.79E-08	3.95E-03	1.08E-04	3.17E-01	4.10E-01	6.87E+01	2.07E-04	6.87E+01	6.94E+01	7.30E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-01
MBN216A	1.50E-02	1.73E+00	-2.29E-02	1.77E+00	1.47E-06	0.00E+00	1.54E+03	6.47E-05	1.28E-03	1.32E-02	1.95E-03	2.85E+00	1.98E-08	8.52E-08	6.83E+00	1.26E-01	2.65E-03	9.33E-02	2.20E-02	2.86E-01	6.86E+01	2.25E+00	2.55E-07	9.88E-08	4.64E-03	1.07E-04	3.93E-01	6.32E-01	7.04E+01	2.58E-04	7.04E+01	7.13E+01	9.94E-01	0.00E+00	0.00E+00	0.00E+00	9.45E-01
MBN216E	1.17E-02	1.59E+00	-1.76E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	9.65E-04	1.04E-02	1.74E-03	2.51E+00	1.34E-08	6.67E-08	5.34E+00	1.04E-01	2.36E-03	8.81E-02	1.72E-02	2.47E-01	6.69E+01	1.80E+00	2.48E-07	7.47E-08	3.90E-03	1.08E-04	3.16E-01	4.10E-01	6.87E+01	2.02E-04	6.87E+01	6.95E+01	7.26E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-01
MBN220	1.31E-02	1.58E+00	-1.51E-02	1.59E+00	1.49E-06	0.00E+00	1.15E+03	5.16E-05	9.85E-04	1.07E-02	1.69E-03	3.16E+00	1.46E-08	8.11E-08	7.91E+00	1.14E-01	2.24E-03	8.83E-02	1.78E-02	2.61E-01	6.66E+01	1.75E+00	2.53E-07	8.40E-08	3.98E-03	1.09E-04	3.31E-01	3.79E-01	6.81E+01	2.26E-04	6.81E+01	6.93E+01	7.36E-01	0.00E+00	0.00E+00	0.00E+00	7.65E-01
MBN220A	1.53E-02	1.73E+00	-2.09E-02	1.77E+00	1.47E-06	0.00E+00	1.54E+03	6.51E-05	1.28E-03	1.33E-02	1.97E-03	3.27E+00	2.05E-08	9.15E-08	8.39E+00	1.26E-01	2.68E-03	9.34E-02	2.25E-02	2.90E-01	6.89E+01	2.25E+00	2.74E-07	1.01E-07	4.65E-03	1.08E-04	4.09E-01	6.30E-01	7.10E+01	2.62E-04	7.10E+01	7.16E+01	9.97E-01	0.00E+00	0.00E+00	0.00E+00	9.61E-01
MBN220E	1.31E-02	1.58E+00	-1.51E-02	1.59E+00	1.49E-06	0.00E+00	1.15E+03	5.16E-05	9.84E-04	1.07E-02	1.69E-03	3.16E+00	1.44E-08	8.20E-08	7.90E+00	1.14E-01	2.24E-03	8.83E-02	1.77E-02	2.61E-01	6.66E+01	1.75E+00	2.53E-07	8.41E-08	3.98E-03	1.09E-04	3.32E-01	3.80E-01	6.81E+01	2.23E-04	6.81E+01	6.93E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	7.61E-01
MBN225	1.38E-02	1.62E+00	-1.54E-02	1.62E+00	1.51E-06	0.00E+00	1.16E+03	5.16E-05	1.02E-03	1.11E-02	1.76E-03	3.64E+00	1.48E-08	8.82E-08	8.15E+00	1.12E-01	2.32E-03	8.86E-02	1.89E-02	2.61E-01	6.66E+01	1.76E+00	2.56E-07	8.81E-08	4.19E-03	1.09E-04	3.25E-01	3.85E-01	6.79E+01	2.47E-04	6.79E+01	6.92E+01	7.33E-01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MBN225A	1.58E-02	1.66E+00	-1.48E-02	1.69E+00	1.53E-06	0.00E+00	1.22E+03	5.54E-05	1.10E-03	1.19E-02	1.94E-03	3.68E+00	1.53E-08	9.19E-08	8.28E+00	1.15E-01	2.57E-03	9.34E-02	2.27E-02	2.89E-01	6.84E+01	1.84E+00	2.69E-07	1.01E-07	4.64E-03	1.10E-04	3.83E-01	4.42E-01	7.06E+01	2.55E-04	7.06E+01	7.09E+01	9.91E-01	0.00E+00	0.00E+00	0.00E+00	9.70E-01
MBN225E	1.38E-02	1.62E+00	-1.54E-02	1.62E+00	1.51E-06	0.00E+00	1.16E+03	5.16E-05	1.02E-03	1.11E-02	1.76E-03	3.64E+00	1.48E-08	8.82E-08	8.15E+00	1.12E-01	2.32E-03	8.86E-02	1.89E-02	2.61E-01	6.66E+01	1.76E+00	2.56E-07	8.81E-08	4.19E-03	1.09E-04	3.25E-01	3.85E-01	6.79E+01	2.47E-04	6.79E+01	6.92E+01	7.33E-01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MBN232	1.92E-02	1.68E+00	-1.11E-02	1.69E+00	1.60E-06	0.00E+00	9.31E+02	2.76E-04	1.28E-03	1.36E-02	2.09E-03	6.99E+00	3.64E-07	1.89E-07	1.51E+01	7.38E-01	2.83E-03	9.60E-02	2.68E-02	3.51E-01	6.09E+01	1.80E+00	3.00E-07	1.21E-07	5.12E-03	1.30E-04	7.31E-01	5.49E-01	6.25E+01	3.86E-03	6.25E+01	6.38E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MBN232A	1.92E-02	1.68E+00	-8.66E-03	1.69E+00	1.66E-06	0.00E+00	8.54E+02	2.91E-04	1.16E-03	1.25E-02	2.06E-03	7.01E+00	2.95E-07	1.90E-07	1.50E+01	7.57E-01	2.80E-03	9.82E-02	2.69E-02	3.38E-01	6.26E+01	1.56E+00	3.00E-07	1.21E-07	5.09E-03	1.30E-04	7.52E-01	4.44E-01	6.44E+01	3.46E-03	6.44E+01	6.58E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MBN232E	1.91E-02	1.63E+00	-4.33E-03	1.62E+00	1.65E-06	0.00E+00	6.44E+02	2.70E-04	1.14E-03	1.24E-02	1.96E-03	6.93E+00	2.97E-07	1.88E-07	1.49E+01	7.19E-01	2.58E-03	9.53E-02	2.67E-02	3.48E-01	6.06E+01	1.43E+00	2.93E-07	1.21E-07	5.04E-03	1.30E-04	7.26E-01	4.03E-01	6.22E+01	3.62E-03	6.22E+01	6.34E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MBN240	1.93E-02	1.69E+00	-1.12E-02	1.71E+00	1.60E-06	0.00E+00	9.30E+02	2.76E-04	1.29E-03	1.37E-02	2.11E-03	7.01E+00	3.64E-07	1.90E-07	1.52E+01	7.38E-01	2.86E-03	9.59E-02	2.68E-02	3.54E-01	6.10E+01	1.80E+00	3.48E-07	1.21E-07	5.14E-03	1.30E-04	7.41E-01	5.57E-01	6.27E+01	3.90E-03	6.27E+01	6.39E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MBN240A	1.93E-02	1.72E+00	-1.11E-02	1.74E+00	1.60E-06	0.00E+00	9.32E+02	2.91E-04	1.30E-03	1.39E-02	2.11E-03	7.03E+00	3.51E-07	1.91E-07	1.51E+01	7.57E-01	2.86E-03	9.89E-02	2.70E-02	3.49E-01	6.29E+01	1.81E+00	3.51E-07	1.22E-07	5.19E-03	1.31E-04	7.65E-01	5.59E-01	6.46E+01	3.52E-03	6.46E+01	6.61E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MBN240E	1.94E-02	1.72E+00	-1.17E-02	1.74E+00	1.60E-06	0.00E+00	9.49E+02	2.76E-04	1.34E-03	1.41E-02	2.09E-03	7.01E+00	3.72E-07	1.90E-07	1.52E+01	7.39E-01	2.83E-03	9.59E-02	2.72E-02	3.54E-01	6.12E+01	1.98E+00	3.47E-07	1.22E-07	5.15E-03	1.30E-04	7.42E-01	6.58E-01	6.27E+01	3.84E-03	6.27E+01	6.39E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MBN250	2.50E-02	1.77E+00	6.14E-03	1.80E+00	1.56E-06	0.00E+00	9.26E+02	2.76E-04	1.40E-03	1.51E-02	2.17E-03	1.15E+01	1.65E-08	2.46E-07	2.36E+01	8.32E-01	2.95E-03	9.66E-02	3.46E-02	3.99E-01	6.10E+01	1.81E+00	3.78E-07	1.61E-07	5.78E-03	1.63E-04	9.46E-01	5.65E-01	6.30E+01	4.26E-03	6.30E+01	6.52E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MBN250A	2.51E-02	1.81E+00	6.49E-03	1.80E+00	1.63E-06	0.00E+00	8.50E+02	2.87E-04	1.28E-03	1.41E-02	2.17E-03	1.14E+01	1.62E-08	2.55E-07	2.38E+01	8.62E-01	2.93E-03	9.94E-02	3.45E-02	3.93E-01	6.21E+01	1.58E+00	3.77E-07	1.64E-07	5.85E-03	1.63E-04	9.68E-01	4.56E-01	6.34E+01	3.82E-03	6.34E+01	6.61E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MBN250E	2.50E-02	1.77E+00	6.14E-03	1.80E+00	1.56E-06	0.00E+00	9.26E+02	2.76E-04	1.40E-03	1.51E-02	2.18E-03	1.15E+01	1.65E-08	2.46E-07	2.36E+01	8.32E-01	2.96E-03	9.66E-02	3.45E-02	3.99E-01	6.10E+01	1.81E+00	3.78E-07	1.61E-07	5.78E-03	1.63E-04	9.46E-01	5.65E-01	6.30E+01	4.26E-03	6.30E+01	6.52E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MBN263	2.52E-02	1.94E+00	6.15E-03	2.00E+00	1.55E-06	0.00E+00	9.32E+02	2.77E-04	1.53E-03	1.62E-02	2.19E-03	1.19E+01	1.92E-08	2.53E-07	2.41E+01	8.36E-01	2.97E-03	9.65E-02	3.78E-02	4.03E-01	6.12E+01	2.03E+00	3.84E-07	1.63E-07	5.83E-03	1.63E-04	9.88E-01	5.70E-01	6.31E+01	4.28E-03	6.31E+01	6.52E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MBN263A	2.49E-02	1.83E+00	6.59E-03	1.83E+00	1.56E-06	0.00E+00	9.08E+02	2.75E-04	1.40E-03	1.52E-02	2.17E-03	1.18E+01	1.79E-08	2.18E-07	2.39E+01	8.57E-01	2.94E-03	9.08E-02	3.71E-02	3.67E-01	6.08E+01	1.81E+00	2.76E-07	1.65E-07	5.90E-03	1.56E-04	9.12E-01	5.61E-01	6.22E+01	3.76E-03	6.22E+01	6.35E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MBN263E	2.51E-02	1.73E+00	6.02E-03	1.72E+00	1.60E-06	0.00E+00	6.40E+02	2.75E-04	1.28E-03	1.42E-02	2.08E-03	1.18E+01	1.47E-08	2.51E-07	2.38E+01	8.16E-01	2.73E-03	9.66E-02	3.69E-02	4.03E-01	6.09E+01	1.48E+00	3.81E-07	1.63E-07	5.80E-03	1.63E-04	9.79E-01	4.14E-01	6.28E+01	3.99E-03	6.28E+01	6.48E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MBN306	1.76E-02	2.96E+00	-3.16E-02	2.95E+00	2.01E-06	0.00E+00	1.94E+03	7.88E-05	1.76E-03	1.80E-02	2.57E-03	3.27E+00	2.17E-08	1.04E-07	7.14E+00	1.63E-01	3.48E-03	1.33E-01	2.61E-02	3.69E-01	9.89E+01	3.06E+00	3.70E-07	1.11E-07	6.01E-03	1.61E-04	4.48E-01	6.95E-01	1.02E+02	3.45E-04	1.02E+02	1.02E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MBN306A	1.77E-02	2.91E+00	-3.26E-02	2.93E+00	2.05E-06	0.00E+00	1.93E+03	7.78E-05	1.75E-03	1.81E-02	2.61E-03	3.15E+00	2.33E-08	1.01E-07	7.09E+00	1.59E-01	3.53E-03	1.34E-01	2.64E-02	3.59E-01	1.01E+02	3.06E+00	3.70E-07	1.12E-07	5.94E-03	1.62E-04	4.85E-01	7.01E-01	1.04E+02	3.61E-04	1.04E+02	1.05E+02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MBN306E	1.70E-02	2.36E+00	-2.75E-02	2.39E+00	1.91E-06	0.00E+00	1.91E+03	7.41E-05	1.43E-03	1.54E-02	2.57E-03	3.24E+00	2.02E-08	9.07E-08	6.88E+00	1.55E-01	3.48E-03	1.33E-01	2.48E-02	3.58E-01	1.00E+02	2.70E+00	3.67E-07	1.08E-07	5.75E-03	1.56E-04	4.33E-01	6.10E-01	1.03E+02	3.80E-04	1.03E+02	1.04E+02	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MBN310	1.69E-02	2.36E+00	-2.70E-02	2.39E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.43E-03	1.54E-02	2.57E-03	3.27E+00	1.99E-08	9.11E-08	6.92E+00	1.56E-01	3.48E-03	1.32E-01	2.50E-02	3.70E-01	1.00E+02	2.69E+00	3.69E-07	1.08E-07	5.75E-03	1.61E-04	4.70E-01	6.11E-01	1.03E+02	3.00E-04	1.03E+02	1.04E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MBN310A	1.77E-02	3.04E+00	-3.26E-02	3.06E+00	2.29E-06	0.00E+00	1.93E+03	7.88E-05	1.74E-03	1.81E-02	2.64E-03	3.49E+00	2.45E-08	1.02E-07	7.88E+00	1.61E-01	3.57E-03	1.34E-01	2.59E-02	3.68E-01	1.02E+02	3.08E+00	3.74E-07	1.14E-07	5.98E-03	1.62E-04	5.13E-01	7.05E-01	1.05E+02	3.27E-04	1.05E+02	1.06E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MBN310E	1.69E-02	2.36E+00	-2.70E-02	2.39E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.43E-03	1.54E-02	2.57E-03	3.27E+00	1.99E-08	9.11E-08	6.92E+00	1.56E-01	3.48E-03	1.32E-01	2.50E-02	3.70E-01	1.00E+02	2.69E+00	3.69E-07	1.08E-07	5.75E-03	1.61E-04	4.70E-01	6.11E-01	1.03E+02	3.00E-04	1.03E+02	1.04E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MBN313	1.73E-02	2.38E+00	-2.56E-02	2.40E+00	2.30E-06	0.00E+00	1.89E+03	6.84E-05	1.44E-03	1.56E-02	2.62E-03	3.73E+00	1.92E-08	9.45E-08	7.98E+00	1.52E-01	3.54E-03	1.31E-01	2.55E-02	3.77E-01	1.00E+02	2.70E+00	3.70E-07	1.10E-07	5.86E-03	1.63E-04	4.74E-01	5.22E-01	1.02E+02	3.10E-04	1.02E+02	1.04E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MBN313E	1.77E-02	2.39E+00	-2.66E-02	2.41E+00	2.31E-06	0.00E+00	1.90E+03	7.39E-05	1.46E-03	1.57E-02	2.64E-03	3.77E+00	2.03E-08	9.64E-08	8.03E+00	1.56E-01	3.57E-03	1.33E-01	2.59E-02	3.79E-01	1.01E+02	2.70E+00	3.73E-07	1.12E-07	5.88E-03	1.63E-04	4.75E-01	6.16E-01	1.03E+02	3.10E-04	1.03E+02	1.04E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MBN316	1.76E-02	2.38E+00	-2.63E-02	2.40E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.45E-03	1.56E-02	2.61E-03	3.77E+00	2.00E-08	1.00E-07	8.02E+00	1.56E-01	3.53E-03	1.32E-01	2.57E-02	3.71E-01	1.00E+02	2.70E+00	3.72E-07	1.12E-07	5.84E-03	1.63E-04	4.83E-01	6.14E-01	1.03E+02	3.05E-04	1.03E+02	1.04E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MBN316A	1.81E-02	3.09E+00	-3.08E-02	3.14E+00	2.28E-06	0.00E+00	1.94E+03	7.90E-05	1.77E-03	1.85E-02	2.65E-03	4.27E+00	2.37E-08	1.15E-07	9.33E+00	1.60E-01	3.59E-03	1.34E-01	2.65E-02	3.75E-01	1.03E+02	3.11E+00	3.76E-07	1.15E-07	6.07E-03	1.63E-04	5.18E-01	6.94E-01	1.05E+02	3.24E-04	1.05E+02	1.06E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MBN316E	1.30E-02	1.89E+00	-2.90E-02	1.92E+00	2.32E-06	0.00E+00	1.68E+03	6.93E-05	1.20E-03	1.28E-02	2.32E-03	3.38E+00	1.83E-08	8.57E-08	6.86E+00	1.52E-01	3.14E-03	1.01E-01	2.05E-02	2.20E-01	7.23E+01	2.45E+00	2.41E-07	8.51E-08	4.71E-03	9.17E-05	3.60E-01	5.83E-01	7.48E+01	1.83E-04	7.48E+01	7.57E+01	9.43E-01	0.00E+00	0.00E+00	0.00E+00	8.82E-01
MBN320	1.87E-02	2.40E+00	-2.56E-02	2.42E+00	2.32E-06	0.00E+00	1.90E+03	7.40E-05	1.47E-03	1.59E-02	2.65E-03	4.38E+00	2.09E-08	1.11E-07	9.35E+00	1.56E-01	3.59E-03	1.32E-01	2.70E-02	3.86E-01	1.01E+02	2.70E+00	3.76E-07	1.19E-07	6.00E-03	1.64E-04	5.04E-01	6.18E-01	1.03E+02	3.12E-04	1.03E+02	1.05E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MBN320A	1.88E-02	2.38E+00	-2.12E-02	2.41E+00	2.22E-06	0.00E+00	1.31E+03	7.02E-05	1.38E-03	1.52E-02	2.63E-03	4.53E+00	2.01E-08	1.17E-07	9.92E+00	1.50E-01	3.55E-03	1.32E-01	2.71E-02	3.81E-01	1.03E+02	2.47E+00	3.68E-07	1.20E-07	6.05E-03	1.64E-04	5.12E-01	5.07E-01	1.05E+02	3.47E-04	1.05E+02	1.06E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MBN320E	1.87E-02	2.40E+00	-2.56E-02	2.42E+00	2.32E-06	0.00E+00	1.90E+03	7.40E-05	1.47E-03	1.59E-02	2.65E-03	4.38E+00	2.09E-08	1.11E-07	9.35E+00	1.56E-01	3.59E-03	1.32E-01	2.70E-02	3.86E-01	1.01E+02	2.70E+00	3.76E-07	1.19E-07	6.00E-03	1.64E-04	5.04E-01	6.18E-01	1.04E+02	3.12E-04	1.04E+02	1.05E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MBN325	2.03E-02	2.43E+00	-2.46E-02	2.45E+00	1.91E-06	0.00E+00	1.91E+03	7.40E-05	1.51E-03	1.63E-02	2.73E-03	5.43E+00	2.20E-08	1.30E-07	1.16E+01	1.55E-01	3.70E-03	1.33E-01	2.88E-02	3.85E-01	1.01E+02	2.71E+00	3.82E-07	1.28E-07	6.21E-03	1.63E-04	4.63E-01	6.26E-01	1.04E+02	4.04E-04	1.04E+02	1.05E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MBN325A	2.33E-02	2.41E+00	-2.08E-02	2.45E+00	1.94E-06	0.00E+00	1.24E+03	7.08E-05	1.43E-03	1.58E-02	2.80E-03	5.50E+00	2.09E-08	1.32E-07	1.18E+01	1.48E-01	3.77E-03	1.32E-01	2.90E-02	3.83E-01	1.03E+02	2.47E+00	3.77E-07	1.43E-07	6.55E-03	1.65E-04	5.03E-01	4.96E-01	1.05E+02	4.04E-04	1.05E+02	1.06E+02	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MBN325E	2.03E-02	2.43E+00	-2.46E-02	2.45E+00	1.91E-06	0.00E+00	1.91E+03	7.40E-05	1.51E-03	1.63E-02	2.73E-03	5.43E+00	2.20E-08	1.30E-07	1.16E+01	1.55E-01	3.70E-03	1.33E-01	2.88E-02	3.85E-01	1.01E+02	2.71E+00	3.82E-07	1.28E-07	6.21E-03	1.63E-04	4.63E-01	6.26E-01	1.04E+02	4.04E-04	1.04E+02	1.05E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MBN332	2.86E-02	2.44E+00	-6.93E-03	2.45E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.71E-03	1.85E-02	3.09E-03	1.05E+01	4.78E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.00E-02	5.18E-01	9.04E+01	2.18E+00	4.38E-07	1.80E-07	7.54E-03	1.96E-04	1.11E+00	6.63E-01	9.26E+01	5.76E-03	9.26E+01	9.44E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MBN332A	2.96E-02	3.15E+00	-9.60E-03	3.18E+00	2.52E-06	0.00E+00	1.08E+03	4.22E-04	1.98E-03	2.12E-02	3.15E-03	1.08E+01	4.67E-07	3.00E-07	2.32E+01	1.11E+00	4.27E-03	1.46E-01	4.16E-02	5.49E-01	9.23E+01	2.72E+00	4.50E-07	1.91E-07	8.32E-03	2.07E-04	1.15E+00	7.70E-01	9.41E+01	4.62E-03	9.41E+01	9.69E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
MBN332E	2.86E-02	2.44E+00	-6.93E-03	2.45E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.71E-03	1.85E-02	3.09E-03	1.05E+01	4.78E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.00E-02	5.18E-01	9.04E+01	2.18E+00	4.38E-07	1.80E-07	7.54E-03	1.96E-04	1.11E+00	6.63E-01	9.26E+01	5.76E-03	9.26E+01	9.44E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MBN340	2.87E-02	2.48E+00	-6.61E-03	2.48E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.72E-03	1.87E-02	3.09E-03	1.05E+01	4.79E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.01E-02	5.20E-01	9.10E+01	2.20E+00	5.17E-07	1.81E-07	7.60E-03	1.97E-04	1.11E+00	6.62E-01	9.32E+01	5.64E-03	9.32E+01	9.50E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00

MBN340A	3.24E-02	3.18E+00	-9.32E-03	3.22E+00	2.51E-06	0.00E+00	1.08E+03	4.22E-04	2.05E-03	2.22E-02	3.17E-03	1.11E+01	4.67E-07	3.27E-07	2.45E+01	1.11E+00	4.29E-03	1.46E-01	4.37E-02	6.00E-01	9.26E+01	2.72E+00	5.69E-07	2.06E-07	8.76E-03	2.44E-04	1.23E+00	7.76E-01	9.42E+01	4.61E-03	9.42E+01	9.66E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.86E+00
MBN340E	2.87E-02	2.48E+00	-6.61E-03	2.48E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.72E-03	1.87E-02	3.09E-03	1.05E+01	4.79E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.01E-02	5.20E-01	9.10E+01	2.20E+00	5.17E-07	1.81E-07	7.60E-03	1.97E-04	1.11E+00	6.62E-01	9.32E+01	5.64E-03	9.32E+01	9.50E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MBN350	3.78E-02	2.55E+00	9.86E-03	2.53E+00	2.50E-06	0.00E+00	7.45E+02	4.60E-04	1.74E-03	1.95E-02	3.27E-03	1.82E+01	2.02E-08	4.09E-07	3.77E+01	1.34E+00	4.43E-03	1.45E-01	5.13E-02	6.04E-01	8.89E+01	2.00E+00	5.68E-07	2.48E-07	8.72E-03	2.48E-04	1.54E+00	5.12E-01	9.08E+01	6.38E-03	9.08E+01	9.32E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+00
MBN350A	3.93E-02	3.50E+00	8.36E-03	3.49E+00	2.53E-06	0.00E+00	1.07E+03	4.41E-04	2.22E-03	2.46E-02	3.30E-03	1.84E+01	2.65E-08	4.08E-07	3.87E+01	1.31E+00	4.47E-03	1.47E-01	5.44E-02	6.43E-01	9.10E+01	2.70E+00	5.91E-07	2.58E-07	1.01E-02	2.49E-04	1.58E+00	7.82E-01	9.29E+01	5.54E-03	9.29E+01	9.51E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
MBN350E	3.76E-02	2.59E+00	1.06E-02	2.57E+00	2.53E-06	0.00E+00	1.03E+03	4.62E-04	1.89E-03	2.07E-02	3.26E-03	1.83E+01	2.14E-08	4.11E-07	3.77E+01	1.35E+00	4.41E-03	1.45E-01	5.18E-02	6.05E-01	8.87E+01	2.17E+00	5.66E-07	2.45E-07	8.70E-03	2.48E-04	1.55E+00	6.79E-01	9.09E+01	6.34E-03	9.09E+01	9.31E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
MBN363	3.96E-02	3.47E+00	9.11E-03	3.45E+00	2.53E-06	0.00E+00	1.06E+03	4.46E-04	2.22E-03	2.46E-02	3.28E-03	1.87E+01	2.64E-08	4.12E-07	3.92E+01	1.32E+00	4.44E-03	1.45E-01	5.46E-02	6.72E-01	8.91E+01	2.68E+00	5.88E-07	2.63E-07	9.96E-03	2.51E-04	1.61E+00	7.80E-01	9.14E+01	6.65E-03	9.14E+01	9.35E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MBN363A	3.97E-02	3.44E+00	8.85E-03	3.46E+00	2.53E-06	0.00E+00	1.07E+03	4.43E-04	2.22E-03	2.45E-02	3.32E-03	1.85E+01	2.74E-08	4.12E-07	3.91E+01	1.31E+00	4.49E-03	1.47E-01	5.51E-02	6.73E-01	9.10E+01	2.71E+00	5.91E-07	2.62E-07	1.01E-02	2.50E-04	1.62E+00	7.88E-01	9.29E+01	5.45E-03	9.29E+01	9.56E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MBN363E	3.82E-02	2.60E+00	1.08E-02	2.59E+00	2.53E-06	0.00E+00	1.03E+03	4.62E-04	1.90E-03	2.09E-02	3.28E-03	1.85E+01	2.26E-08	4.15E-07	3.82E+01	1.35E+00	4.43E-03	1.45E-01	5.25E-02	6.45E-01	8.93E+01	2.17E+00	5.68E-07	2.54E-07	8.78E-03	2.49E-04	1.60E+00	6.81E-01	9.15E+01	6.34E-03	9.15E+01	9.37E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MBN406	2.41E-02	3.13E+00	-3.66E-02	3.16E+00	2.39E-06	0.00E+00	2.53E+03	9.62E-05	1.98E-03	2.14E-02	3.47E-03	3.60E+00	2.73E-08	1.30E-07	7.94E+00	2.04E-01	4.70E-03	1.70E-01	3.39E-02	5.08E-01	1.25E+02	3.60E+00	5.02E-07	1.57E-07	8.21E-03	2.20E-04	6.28E-01	8.46E-01	1.29E+02	5.25E-04	1.29E+02	1.30E+02	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MBN406E	2.41E-02	3.12E+00	-3.66E-02	3.15E+00	2.41E-06	0.00E+00	2.53E+03	9.63E-05	1.96E-03	2.11E-02	3.35E-03	3.59E+00	2.67E-08	1.30E-07	7.94E+00	2.04E-01	4.53E-03	1.70E-01	3.37E-02	5.06E-01	1.23E+02	3.60E+00	5.00E-07	1.56E-07	8.14E-03	2.18E-04	6.12E-01	8.44E-01	1.27E+02	5.27E-04	1.27E+02	1.28E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MBN410	2.31E-02	3.15E+00	-3.73E-02	3.19E+00	2.41E-06	0.00E+00	2.54E+03	9.85E-05	1.95E-03	2.09E-02	3.49E-03	4.65E+00	2.73E-08	1.25E-07	9.71E+00	2.06E-01	4.72E-03	1.76E-01	3.39E-02	4.91E-01	1.34E+02	3.62E+00	4.89E-07	1.47E-07	7.80E-03	2.15E-04	6.20E-01	8.50E-01	1.38E+02	4.20E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MBN410E	2.31E-02	3.15E+00	-3.73E-02	3.19E+00	2.41E-06	0.00E+00	2.54E+03	9.85E-05	1.95E-03	2.09E-02	3.49E-03	4.65E+00	2.73E-08	1.25E-07	9.71E+00	2.06E-01	4.72E-03	1.76E-01	3.39E-02	4.91E-01	1.34E+02	3.62E+00	4.89E-07	1.47E-07	7.80E-03	2.15E-04	6.20E-01	8.50E-01	1.38E+02	4.20E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MBN413	2.34E-02	3.18E+00	-3.38E-02	3.21E+00	2.41E-06	0.00E+00	2.54E+03	9.85E-05	1.93E-03	2.09E-02	3.49E-03	4.70E+00	2.65E-08	1.28E-07	9.93E+00	2.06E-01	4.72E-03	1.76E-01	3.42E-02	4.87E-01	1.34E+02	3.63E+00	4.91E-07	1.47E-07	7.81E-03	2.16E-04	6.36E-01	7.75E-01	1.38E+02	4.08E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MBN413E	2.37E-02	3.18E+00	-3.40E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.85E-05	1.94E-03	2.08E-02	3.49E-03	4.76E+00	2.65E-08	1.29E-07	1.00E+01	2.06E-01	4.72E-03	1.76E-01	3.43E-02	4.87E-01	1.34E+02	3.63E+00	4.92E-07	1.49E-07	7.81E-03	2.16E-04	6.32E-01	8.20E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MBN416	2.35E-02	3.18E+00	-3.23E-02	3.22E+00	2.41E-06	0.00E+00	2.48E+03	9.31E-05	1.93E-03	2.07E-02	3.53E-03	5.20E+00	2.63E-08	1.34E-07	1.08E+01	1.89E-01	4.78E-03	1.76E-01	3.46E-02	4.84E-01	1.33E+02	3.60E+00	4.92E-07	1.48E-07	7.69E-03	2.13E-04	5.95E-01	7.31E-01	1.37E+02	4.41E-04	1.37E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MBN416E	2.35E-02	3.17E+00	-3.52E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.87E-05	1.93E-03	2.08E-02	3.49E-03	5.03E+00	2.67E-08	1.34E-07	1.07E+01	2.06E-01	4.72E-03	1.76E-01	3.43E-02	4.92E-01	1.34E+02	3.60E+00	4.96E-07	1.49E-07	7.81E-03	2.16E-04	6.31E-01	8.19E-01	1.37E+02	4.09E-04	1.37E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MBN420	2.47E-02	2.43E+00	-2.45E-02	2.45E+00	2.39E-06	0.00E+00	1.88E+03	8.94E-05	1.61E-03	1.80E-02	3.58E-03	6.29E+00	2.21E-08	1.61E-07	1.30E+01	1.96E-01	4.85E-03	1.76E-01	3.65E-02	4.99E-01	1.33E+02	2.68E+00	5.06E-07	1.58E-07	7.75E-03	2.10E-04	6.25E-01	5.34E-01	1.37E+02	4.15E-04	1.37E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MBN420E	2.48E-02	2.43E+00	-2.73E-02	2.46E+00	2.39E-06	0.00E+00	1.91E+03	9.52E-05	1.62E-03	1.80E-02	3.55E-03	6.25E+00	2.36E-08	1.61E-07	1.29E+01	2.12E-01	4.81E-03	1.76E-01	3.65E-02	5.10E-01	1.34E+02	2.70E+00	5.09E-07	1.59E-07	7.91E-03	2.14E-04	6.54E-01	6.39E-01	1.38E+02	4.14E-04	1.38E+02	1.39E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MBN425	2.87E-02	3.27E+00	-3.13E-02	3.29E+00	2.40E-06	0.00E+00	2.56E+03	2.10E-04	2.02E-03	2.18E-02	3.66E-03	8.70E+00	2.90E-08	2.23E-07	1.89E+01	4.67E-01	4.96E-03	1.78E-01	3.87E-02	5.14E-01	1.34E+02	3.64E+00	5.13E-07	1.76E-07	8.38E-03	2.19E-04	7.74E-01	8.36E-01	1.38E+02	5.29E-04	1.38E+02	1.39E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MBN425E	2.70E-02	3.25E+00	-3.29E-02	3.28E+00	2.41E-06	0.00E+00	2.57E+03	9.90E-05	2.01E-03	2.17E-02	3.66E-03	7.23E+00	2.94E-08	1.74E-07	1.54E+01	2.06E-01	4.95E-03	1.77E-01	3.84E-02	5.12E-01	1.35E+02	3.64E+00	5.10E-07	1.71E-07	8.31E-03	2.17E-04	6.15E-01	8.36E-01	1.38E+02	5.54E-04	1.38E+02	1.40E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
MBN432	3.72E-02	3.27E+00	-1.10E-02	3.27E+00	2.74E-06	0.00E+00	1.53E+03	5.79E-04	2.30E-03	2.48E-02	4.20E-03	1.37E+01	6.38E-07	3.72E-07	2.95E+01	1.50E+00	5.67E-03	1.91E-01	5.24E-02	6.76E-01	1.22E+02	2.93E+00	5.98E-07	2.38E-07	1.01E-02	2.61E-04	1.45E+00	9.20E-01	1.24E+02	7.70E-03	1.24E+02	1.27E+02	2.33E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MBN432E	3.73E-02	3.27E+00	-1.94E-02	3.27E+00	2.76E-06	0.00E+00	1.53E+03	5.79E-04	2.34E-03	2.53E-02	4.20E-03	1.40E+01	6.38E-07	3.78E-07	3.07E+01	1.52E+00	5.67E-03	1.91E-01	5.24E-02	6.76E-01	1.23E+02	2.93E+00	7.68E-07	2.41E-07	1.04E-02	2.63E-04	1.46E+00	1.17E+00	1.26E+02	7.68E-03	1.26E+02	1.29E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MBN440	3.70E-02	2.53E+00	-8.90E-03	2.45E+00	2.74E-06	0.00E+00	8.99E+02	5.78E-04	1.83E-03	2.05E-02	4.15E-03	1.40E+01	5.31E-07	3.73E-07	2.94E+01	1.49E+00	5.62E-03	1.92E-01	5.23E-02	6.51E-01	1.22E+02	2.24E+00	6.81E-07	2.41E-07	9.66E-03	2.61E-04	1.37E+00	6.62E-01	1.24E+02	7.39E-03	1.24E+02	1.29E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
MBN440E	3.71E-02	3.33E+00	-1.14E-02	3.28E+00	2.77E-06	0.00E+00	1.41E+03	5.79E-04	2.31E-03	2.51E-02	4.15E-03	1.41E+01	6.38E-07	3.82E-07	2.95E+01	1.50E+00	5.62E-03	1.92E-01	5.25E-02	6.78E-01	1.23E+02	2.94E+00	6.97E-07	2.41E-07	1.03E-02	2.61E-04	1.46E+00	9.18E-01	1.24E+02	7.60E-03	1.24E+02	1.28E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00
MBN450	4.98E-02	3.51E+00	1.28E-02	3.49E+00	2.69E-06	0.00E+00	1.40E+03	6.15E-04	2.56E-03	2.83E-02	4.40E-03	2.42E+01	2.93E-08	5.41E-07	4.98E+01	1.79E+00	5.96E-03	1.94E-01	6.90E-02	7.90E-01	1.19E+02	2.92E+00	7.50E-07	3.24E-07	1.18E-02	3.28E-04	2.01E+00	8.69E-01	1.22E+02	8.39E-03	1.22E+02	1.26E+02	2.91E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00
MBN450E	5.01E-02	3.47E+00	1.31E-02	3.47E+00	2.69E-06	0.00E+00	1.39E+03	6.15E-04	2.57E-03	2.83E-02	4.44E-03	2.45E+01	3.03E-08	5.41E-07	4.98E+01	1.79E+00	6.00E-03	1.94E-01	6.90E-02	7.90E-01	1.20E+02	2.92E+00	7.50E-07	3.28E-07	1.18E-02	3.30E-04	2.01E+00	9.31E-01	1.23E+02	8.78E-03	1.23E+02	1.26E+02	2.91E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00
MBN463	5.06E-02	3.51E+00	1.26E-02	3.46E+00	2.71E-06	0.00E+00	1.39E+03	6.15E-04	2.56E-03	2.82E-02	4.43E-03	2.46E+01	3.14E-08	5.52E-07	5.03E+01	1.79E+00	5.98E-03	1.94E-01	6.94E-02	8.05E-01	1.21E+02	2.93E+00	7.92E-07	3.32E-07	1.19E-02	3.28E-04	2.05E+00	9.30E-01	1.23E+02	8.44E-03	1.23E+02	1.27E+02	2.95E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+00
MBN463E	5.08E-02	3.52E+00	1.29E-02	3.47E+00	2.71E-06	0.00E+00	1.39E+03	6.15E-04	2.57E-03	2.84E-02	4.46E-03	2.49E+01	3.15E-08	5.56E-07	5.03E+01	1.79E+00	6.03E-03	1.94E-01	6.94E-02	8.37E-01	1.22E+02	2.93E+00	8.27E-07	3.41E-07	1.21E-02	3.31E-04	2.06E+00	1.03E+00	1.24E+02	8.74E-03	1.24E+02	1.28E+02	2.98E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00
MBN506	1.09E-02	1.61E+00	-2.23E-02	1.64E+00	1.47E-06	0.00E+00	1.53E+03	5.57E-05	1.10E-03	1.15E-02	1.73E-03	2.53E+00	1.44E-08	6.11E-08	5.13E+00	1.16E-01	2.35E-03	8.83E-02	1.38E-02	2.27E-01	6.68E+01	2.13E+00	2.45E-07	6.91E-08	3.88E-03	1.04E-04	2.84E-01	5.28E-01	6.84E+01	2.29E-04	6.84E+01	6.93E+01	6.84E-01	0.00E+00	0.00E+00	0.00E+00	5.92E-01
MBN506E	1.11E-02	1.58E+00	-1.84E-02	1.60E+00	1.52E-06	0.00E+00	1.29E+03	4.93E-05	9.53E-04	1.02E-02	1.73E-03	2.14E+00	1.24E-08	5.93E-08	4.56E+00	1.03E-01	2.34E-03	8.83E-02	1.62E-02	2.19E-01	6.67E+01	1.82E+00	2.45E-07	6.96E-08	3.81E-03	1.04E-04	2.73E-01	4.08E-01	6.86E+01	2.38E-04	6.86E+01	6.92E+01	6.81E-01	0.00E+00	0.00E+00	0.00E+00	6.95E-01
MBN510	1.12E-02	1.60E+00	-2.07E-02	1.64E+00	1.48E-06	0.00E+00	1.53E+03	5.73E-05	1.09E-03	1.14E-02	1.72E-03	3.06E+00	1.47E-08	7.36E-08	6.14E+00	1.22E-01	2.34E-03	8.81E-02	1.67E-02	2.34E-01	6.65E+01	2.12E+00	2.46E-07	7.10E-08	3.86E-03	1.06E-04	3.30E-01	5.28E-01	6.83E+01	2.18E-04	6.83E+01	6.93E+01	7.30E-01	0.00E+00	0.00E+00	0.00E+00	7.08E-01
MBN510E	1.10E-02	1.58E+00	-1.81E-02	1.59E+00	1.50E-06	0.00E+00	1.27E+03	4.91E-05	9.53E-04	1.02E-02	1.72E-03	2.16E+00	1.22E-08	5.96E-08	4.59E+00	1.03E-01	2.33E-03	8.80E-02	1.63E-02	2.29E-01	6.70E+01	1.80E+00	2.46E-07	6.99E-08	3.81E-03	1.07E-04	3.08E-01	4.08E-01	6.88E+01	1.98E-04	6.88E+01	6.95E+01	7.16E-01	0.00E+00	0.00E+00	0.00E+00	7.00E-01
MBN513E	1.20E-02	1.60E+00	-1.91E-02	1.61E+00	1.52E-06	0.00E+00	1.27E+03	6.37E-05	9.98E-04	1.08E-02	1.76E-03	3.43E+00	1.84E-08	7.88E-08	6.95E+00	1.42E-01	2.38E-03	8.82E-02	1.60E-02	2.56E-01	6.62E+01	1.80E+00	2.51E-07	7.61E-08	4.06E-03	1.09E-04	3.62E-01	4.12E-01	6.79E+01	2.10E-04	6.79E+01	6.87E+01	7.57E-01	0.00E+00	0.00E+00	0.00E+00	6.87E-01
MBN516	9.69E-03	1.21E+00	-1.55E-02	1.25E+00	1.48E-06	0.00E+00	1.00E+03	4.94E-05	8.14E-04	8.53E-03	1.56E-03	2.32E+00	1.29E-08	6.39E-08	5.24E+00	1.11E-01	2.07E-03	6.75E-02	1.49E-02	1.46E-01	4.89E+01	1.62E+00	1.32E-07	6.24E-08	3.10E-03	6.26E-05	2.61E-01	3.66E-01	5.05E+01	1.86E-04	5.05E+01	5.20E+01	6.48E-01	0.00E+00	0.00E+00	0.00E+00	6.38E-01
MBN516E	1.15E-02	1.59E+00	-1.76E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.91E-05	9.62E-04	1.03E-02	1.74E-03	2.49E+00	1.23E-08	6.56E-08	5.33E+00	1.03E-01	2.36E-03	8.80E-02	1.68E-02	2.29E-01	6.71E+01	1.80E+00	2.48E-07	7.26E-08	3.87E-03	1.08E-04	3.17E-01	4.10E-01	6.89E+01	2.02E-04	6.89E+01	6.97E+01	7.27E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-01
MBN520	1.36E-02	1.59E+00	-1.39E-02	1.59E+00	1.53E-06	0.00E+00	1.15E+03	9.82E-05	1.01E-03	1.10E-02	1.71E-03	3.94E+00	1.66E-07	9.55E-08	8.69E+00	2.16E-01	2.26E-03	8.84E-02	1.92E-02	2.59E-01	6.44E+01	1.75E+00	2.57E-07	8.71E-08	4.09E-03	1.11E-04	4.31E-01	3.82E-01	6.59E+01	2.30E-04	6.59E+01	6.71E+01	8.46E-01	0.00E+00	0.00E+00	0.00E+00	8.23E-01
MBN520E	1.35E-02	1.59E+00	-1.47E-02	1.60E+00	1.54E-06	0.00E+00	1.28E+03	9.99E-05	1.01E-03	1.09E-02	1.78E-03	3.91E+00	1.66E-07	9.49E-08	8.51E+00	2.12E-01	2.40E-03	8.85E-02	1.91E-02	2.63E-01	6.41E+01	1.80E+00	2.56E-07	8.62E-08	4.11E-03	1.11E-04	4.42E-01	4.13E-01	6.59E+01	2.21E-04	6.59E+01	6.68E+01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
MBN525	1.44E-02	1.64E+00	-1.38E-02	1.63E+00	1.53E-06	0.00E+00	1.16E+03	1.12E-04	1.03E-03	1.11E-02	1.75E-03	4.58E+00	1.66E-07	1.09E-07	9.96E+00	2.18E-01	2.32E-03	8.89E-02	2.05E-02	2.58E-01	6.47E+01	1.76E+00	2.60E-07	9.15E-08	4.25E-03	1.11E-04	4.22E-01	3.88E-01	6.62E+01	2.60E-04	6.62E+01	6.73E+01	8.51E-01	0.00E+00	0.00E+00	0.00E+00	8.86E-01
MBN525E	1.45E-02	1.61E+00	-1.40E-02	1.62E+00	1.57E-06	0.00E+00	1.29E+03	1.00E-04	1.03E-03	1.11E-02	1.83E-03	4.60E+00	1.66E-07	1.07E-07	9.99E+00	2.12E-01	2.48E-03	8.88E-02	2.02E-02	2.58E-01	6.41E+01	1.82E+00	2.60E-07	9.19E-08	4.24E-03	1.11E-04	4.15E-01	4.19E-01	6.59E+01	2.69E-04	6.59E+01	6.68E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	8.68E-01
MBN532	1.86E-02	1.64E+00	-4.64E-03	1.63E+00	1.64E-06	0.00E+00	6.43E+02	2.86E-04	1.15E-03	1.25E-02	1.99E-03	6.94E+00	2.97E-07	1.88E-07	1.49E+01	7.34E-01	2.61E-03	9.64E-02	2.62E-02	3.24E-01	6.04E+01	1.43E+00	2.93E-07	1.18E-07	5.06E-03	1.30E-04	7.31E-01	4.06E-01	6.17E+01	3.72E-03	6.17E+01	6.31E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MBN532E	1.86E-02	1.63E+00	-4.67E-03	1.63E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.13E-03	1.23E-02	2.06E-03	6.94E+00	3.17E-07	1.87E-07	1.50E+01	7.53E-01	2.79E-03	9.56E-02	2.60E-02	3.18E-01	6.04E+01	1.46E+00	2.92E-07	1.17E-07	4.98E-03	1.30E-04	7.39E-01	4.42E-01	6.19E+01	3.84E-03	6.19E+01	6.31E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MBN540	1.92E-02	1.71E+00	-9.06E-03	1.73E+00	1.60E-06	0.00E+00	9.30E+02	2.86E-04	1.29E-03	1.37E-02	2.09E-03	7.03E+00	3.64E-07	1.90E-07	1.52E+01	7.48E-01	2.83E-03	9.64E-02	2.69E-02	3.48E-01	6.06E+01	1.82E+00	3.47E-07	1.21E-07	5.13E-03	1.30E-04	7.45E-01	5.49E-01	6.21E+01	3.83E-03	6.21E+01	6.34E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MBN540E	1.91E-02	1.65E+00	-4.47E-03	1.66E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.15E-03	1.25E-02	2.06E-03	6.97E+00	3.19E-07	1.90E-07	1.50E+01	7.53E-01	2.79E-03	9.56E-02	2.67E-02	3.46E-01	6.07E+01	1.47E+00	3.45E-07	1.21E-07	5.07E-03	1.31E-04	7.41E-01	4.42E-01	6.22E+01	3.76E-03	6.22E+01	6.33E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MBN550	2.49E-02	1.83E+00	6.72E-03	1.83E+00	1.57E-06	0.00E+00	9.26E+02	2.94E-04	1.43E-03	1.54E-02	2.18E-03	1.23E+01	1.65E-08	2.73E-07	2.52E+01	8.70E-01	2.96E-03	9.70E-02	3.49E-02	4.01E-01	6.05E+01	1.82E+00	3.78E-07	1.62E-07	5.80E-03	1.66E-04	1.01E+00	5.66E-01	6.22E+01	4.36E-03	6.22E+01	6.44E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MBN550E	2.49E-02	1.69E+00	6.06E-03	1.69E+00	1.66E-06	0.00E+00	7.03E+02	3.08E-04	1.25E-03	1.37E-02	2.18E-03	1.22E+01	1.43E-08	2.73E-07	2.51E+01	8.97E-01	2.96E-03	9.67E-02	-4.94E+00	3.76E-01	5.84E+01	1.47E+00	3.72E-07	1.63E-07	5.72E-03	1.59E-04	1.03E+00	4.54E-01	5.99E+01	4.23E-03	5.99E+01	6.14E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
MBN563	2.50E-02	1.83E+00	6.74E-03	1.83E+00	1.57E-06	0.00E+00	9.30E+02	2.92E-04	1.44E-03	1.55E-02	2.18E-03	1.25E+01	1.66E-08	2.78E-07	2.53E+01	8.65E-01	2.96E-03	9.70E-02	3.78E-02	4.08E-01	6.06E+01	1.82E+00	3.85E-07	1.63E-07	5.84E-03	1.66E-04	1.04E+00	5.66E-01	6.23E+01	4.36E-03	6.23E+01	6.46E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
MBN563E	2.55E-02	1.74E+00	7.15E-03	1.73E+00	1.63E-06	0.00E+00	6.98E+02	3.08E-04	1.27E-03	1.39E-02	2.19E-03	1.23E+01	1.51E-08	2.77E-07	2.54E+01	8.98E-01	2.96E-03	9.69E-02	3.50E-02	4.29E-01	5.95E+01	1.45E+00	3.78E-07	1.69E-07	5.86E-03	1.65E-04	1.06E+00	4.55E-01	6.10E+01	4.23E-03	6.10E+01	6.25E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MBN606	2.36E-02	3.14E+00	-3.74E-02	3.19E+00	2.40E-06	0.00E+00	2.56E+03	9.41E-05	1.96E-03	2.10E-02	3.47E-03	4.38E+00	2.59E-08	1.31E-07	9.08E+00	1.94E-01	4.71E-03	1.77E-01	3.33E-02	4.67E-01	1.34E+02	3.63E+00	4.92E-07	1.47E-07	7.80E-03	2.11E-04	5.97E-01	8.49E-01	1.37E+02	5.00E-04	1.37E+02	1.39E+02	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MBN606E	2.24E-02	3.16E+00	-3.67E-02	3.19E+00	2.41E-06	0.00E+00	2.57E+03	9.87E-05	1.91E-03	2.05E-02	3.45E-03	4.30E+00	2.58E-08	1.20E-07	9.14E+00	2.05E-01	4.67E-03	1.77E-01	3.27E-02	4.57E-01	1.34E+02	3.63E+00	4.89E-07	1.41E-07	7.67E-03	2.08E-04	5.59E-01	8.15E-01	1.37E+02	5.23E-04	1.37E+02	1.39E+02	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
MBN610	2.28E-02	3.14E+00	-3.75E-02	3.19E+00	2.41E-06	0.00E+00	2.54E+03	9.78E-05	1.95E-03	2.09E-02	3.48E-03	4.42E+00	2.66E-08	1.23E-07	9.42E+00	2.05E-01	4.71E-03	1.76E-01	3.34E-02	4.78E-01	1.34E+02	3.60E+00	4.94E-07	1.45E-07	7.75E-03	2.15E-04	6.16E-01	8.50E-01	1.37E+02	4.28E-04	1.37E+02	1.39E+02	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MBN610E	2.24E-02	3.15E+00	-3.61E-02	3.19E+00	2.41E-06	0.00E+00	2.55E+03	9.84E-05	1.91E-03	2.05E-02	3.44E-03	4.34E+00	2.55E-08	1.20E-07	9.20E+00	2.06E-01	4.66E-03	1.76E-01	3.29E-02	4.73E-01	1.34E+02	3.60E+00	4.92E-07	1.42E-07	7.66E-03	2.14E-04	6.15E-01	8.15E-01	1.37E+02	4.01E-04	1.37E+02	1.39E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
MBN613	2.31E-02	3.18E+00	-3.76E-02	3.22E+00	2.42E-06	0.00E+00	2.54E+03	1.01E-04	1.94E-03	2.09E-02	3.53E-03	5.00E+00	3.13E-08	1.33E-07	1.06E+01	2.16E-01	4.78E-03	1.76E-01	3.42E-02	4.82E-01	1.33E+02	3.60E+00	4.97E-07	1.48E-07	7.84E-03	2.17E-04	6.49E-01	8.50E-01	1.37E+02	4.28E-04	1.37E+02	1.39E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MBN613E	2.31E-02	3.18E+00	-3.68E-02	3.21E+00	2.42E-06	0.00E+00	2.54E+03	1.01E-04	1.93E-03	2.08E-02	3.49E-03	4.82E+00	3.02E-08	1.29E-07	1.03E+01	2.15E-01	4.73E-03	1.76E-01	3.40E-02	4.74E-01	1.33E+02	3.60E+00	4.97E-07	1.46E-07	7.80E-03	2.16E-04	6.51E-01	8.19E-01	1.37E+02	4.07E-04	1.37E+02	1.39E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MBN616	2.33E-02	3.17E+00	-3.52E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.84E-05	1.93E-03	2.07E-02	3.49E-03	5.00E+00	2.57E-08	1.32E-07	1.07E+01	2.06E-01	4.72E-03	1.76E-01	3.40E-02	4.75E-01	1.34E+02	3.60E+00	4.96E-07	1.47E-07	7.79E-03	2.16E-04	6.32E-01	8.20E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MBN616E	2.33E-02	3.17E+00	-3.52E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.84E-05	1.93E-03	2.07E-02	3.49E-03	5.00E+00	2.57E-08	1.32E-07	1.07E+01	2.06E-01	4.72E-03	1.76E-01	3.40E-02	4.75E-01	1.34E+02	3.60E+00	4.96E-07	1.47E-07	7.79E-03	2.16E-04	6.32E-01	8.20E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MBN620	2.47E-02	2.43E+00	-2.71E-02	2.44E+00	2.44E-06	0.00E+00	1.49E+03	1.35E-04	1.62E-03	1.80E-02	3.55E-03	5.64E+00	1.79E-07	1.53E-07	1.21E+01	2.84E-01	4.80E-03	1.77E-01	3.63E-02	5.05E-01	1.32E+02	2.67E+00	5.11E-07	1.53E-07	7.90E-03	2.17E-04	7.34E-01	6.38E-01	1.35E+02	4.28E-04	1.35E+02	1.37E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MBN620E	2.60E-02	3.19E+00	-3.17E-02	3.22E+00	2.45E-06	0.00E+00	2.55E+03	1.49E-04	1.99E-03	2.15E-02	3.55E-03	6.83E+00	1.80E-07	1.69E-07	1.47E+01	3.15E-01	4.81E-03	1.77E-01	3.71E-02	5.18E-01	1.31E+02	3.61E+00	5.07E-07	1.65E-07	8.12E-03	2.20E-04	7.71E-01	8.26E-01	1.35E+02	4.32E-04	1.35E+02	1.37E+02	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MBN625	2.79E-02	2.44E+00	-2.29E-02	2.44E+00	2.43E-06	0.00E+00	1.50E+03	1.45E-04	1.64E-03	1.83E-02	3.66E-03	8.16E+00	1.80E-07	1.93E-07	1.75E+01	3.10E-01	4.96E-03	1.77E-01	3.88E-02	5.14E-01	1.31E+02	2.69E+00	5.21E-07	1.76E-07	8.24E-03	2.16E-04	7.08E-01	6.32E-01	1.35E+02	5.63E-04	1.35E+02	1.37E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MBN625E	2.81E-02	3.23E+00	-3.05E-02	3.26E+00	2.45E-06	0.00E+00	2.57E+03	1.49E-04	2.03E-03	2.20E-02	3.66E-03	8.22E+00	1.81E-07	1.94E-07	1.77E+01	3.14E-01	4.95E-03	1.77E-01	3.94E-02	5.14E-01	1.31E+02	3.64E+00	5.16E-07	1.77E-07	8.40E-03	2.19E-04	7.22E-01	8.36E-01	1.35E+02	5.69E-04	1.35E+02	1.37E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
MBN632	3.74E-02	3.25E+00	-1.10E-02	3.26E+00	2.74E-06	0.00E+00	1.53E+03	5.78E-04	2.28E-03	2.47E-02	4.14E-03	1.38E+01	6.36E-07	3.76E-07	2.97E+01	1.51E+00	5.60E-03	1.91E-01	5.19E-02	6.61E-01	1.21E+02	2.94E+00	5.86E-07	2.37E-07	1.00E-02	2.60E-04	1.46E+00	9.11E-01	1.24E+02	7.66E-03	1.24E+02	1.26E+02	2.33E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MBN632E	3.77E-02	3.26E+00	-9.35E-03	3.27E+00	2.74E-06	0.00E+00	1.41E+03	5.78E-04	2.27E-03	2.46E-02	4.13E-03	1.39E+01	6.36E-07	3.77E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.26E-02	6.61E-01	1.21E+02	2.92E+00	5.84E-07	2.38E-07	1.00E-02	2.60E-04	1.47E+00	8.84E-01	1.24E+02	7.68E-03	1.24E+02	1.26E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MBN640	3.82E-02	3.28E+00	-1.14E-02	3.29E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.31E-03	2.50E-02	4.20E-03	1.40E+01	6.38E-07	3.79E-07	3.00E+01	1.51E+00	5.68E-03	1.91E-01	5.33E-02	6.84E-01	1.22E+02	2.94E+00	6.84E-07	2.41E-07	1.02E-02	2.62E-04	1.46E+00	9.24E-01	1.24E+02	7.61E-03	1.24E+02	1.27E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MBN640E	3.83E-02	3.31E+00	-8.93E-03	3.32E+00	2.74E-06	0.00E+00	1.41E+03	5.78E-04	2.30E-03	2.50E-02	4.13E-03	1.39E+01	6.38E-07	3.79E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.35E-02	6.91E-01	1.21E+02	2.94E+00	6.90E-07	2.41E-07	1.01E-02	2.62E-04	1.48E+00	8.84E-01	1.24E+02	7.52E-03	1.24E+02	1.27E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MBN650	5.06E-02	3.46E+00	1.41E-02	3.43E+00	2.69E-06	0.00E+00	1.38E+03	6.16E-04	2.54E-03	2.79E-02	4.40E-03	2.47E+01	3.00E-08	5.48E-07	5.02E+01	1.79E+00	5.95E-03	1.93E-01	6.95E-02	8.24E-01	1.20E+02	2.91E+00	7.56E-07	3.34E-07	1.17E-02	3.32E-04	2.05E+00	9.29E-01	1.23E+02	8.81E-03	1.23E+02	1.25E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
MBN650E	4.98E-02	3.39E+00	1.21E-02	3.37E+00	2.69E-06	0.00E+00	1.40E+03	6.16E-04	2.50E-03	2.74E-02	4.37E-03	2.43E+01	2.86E-08	5.46E-07	5.03E+01	1.79E+00	5.91E-03	1.94E-01	-9.89E+00	7.50E-01	1.17E+02	2.94E+00	7.45E-07	3.25E-07	1.15E-02	3.19E-04	2.05E+00	9.08E-01	1.20E+02	8.46E-03	1.20E+02	1.23E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	-4.25E+02
MBN663	5.11E-02	3.45E+00	1.42E-02	3.44E+00	2.69E-06	0.00E+00	1.38E+03	6.15E-04	2.55E-03	2.81E-02	4.42E-03	2.49E+01	3.14E-08	5.57E-07	5.07E+01	1.79E+00	5.97E-03	1.94E-01	7.02E-02	8.65E-01	1.20E+02	2.91E+00	7.91E-07	3.44E-07	1.19E-02	3.34E-04	2.11E+00	1.03E+00	1.23E+02	8.84E-03	1.23E+02	1.26E+02	3.03E+00	0.00E+00	0.00E+00	0.00E+00	3.02E+00
MBN663E	5.10E-02	3.47E+00	1.43E-02	3.46E+00	2.69E-06	0.00E+00	1.39E+03	6.16E-04	2.54E-03	2.79E-02	4.38E-03	2.46E+01	3.02E-08	5.54E-07	5.09E+01	1.80E+00	5.93E-03	1.94E-01	7.00E-02	8.57E-01	1.19E+02	2.91E+00	7.57E-07	3.38E-07	1.17E-02	3.31E-04	2.12E+00	9.09E-01	1.22E+02	8.46E-03	1.22E+02	1.25E+02	3.03E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
MBS006C	5.95E-03	8.78E-01	-1.43E-02	9.18E-01	9.49E-07	0.00E+00	1.48E+03	3.21E-05	7.32E-04	7.37E-03	9.16E-04	1.40E+00	1.49E-08	3.36E-08	2.41E+00	7.00E-02	1.30E-03	4.54E-02	8.78E-03	1.21E-01	3.51E+01	1.40E+00	1.30E-07	4.36E-08	2.05E-03	5.07E-05	1.74E-01	2.55E-01	3.64E+01	1.01E-04	3.64E+01	3.69E+01	3.76E-01	0.00E+00	0.00E+00	0.00E+00	3.80E-01
MBS010C	5.72E-03	8.31E-01	-1.41E-02	8.58E-01	9.60E-07	0.00E+00	7.80E+02	3.18E-05	5.19E-04	5.49E-03	9.17E-04	1.39E+00	1.38E-08	3.32E-08	2.41E+00	7.70E-02	1.30E-03	4.24E-02	8.54E-03	1.03E-01	3.08E+01	9.76E-01	9.87E-08	4.11E-08	2.02E-03	2.19E-05	1.74E-01	2.55E-01	3.24E+01	8.70E-05	3.24E+01	3.24E+01	3.86E-01	0.00E+00	0.00E+00	0.00E+00	3.68E-01
MBS013C	6.12E-03	8.13E-01	-9.24E-03	8.25E-01	9.15E-07	0.00E+00	6.59E+02	3.18E-05	4.99E-04	5.38E-03	8.31E-04	1.52E+00	6.90E-09	3.67E-08	2.79E+00	7.59E-02	1.13E-03	4.53E-02	9.05E-03	1.25E-01	3.34E+01	9.23E-01	1.30E-07	4.51E-08	2.02E-03	4.97E-05	1.76E-01	2.12E-01	3.43E+01	1.03E-04	3.43E+01	3.50E+01	3.85E-01	0.00E+00	0.00E+00	0.00E+00	3.87E-01
MBS016C	6.12E-03	8.14E-01	-9.23E-03	8.25E-01	9.15E-07	0.00E+00	6.59E+02	3.18E-05	5.00E-04	5.38E-03	8.31E-04	1.54E+00	6.88E-09	3.65E-08	2.79E+00	7.59E-02	1.13E-03	4.53E-02	9.10E-03	1.25E-01	3.34E+01	9.24E-01	1.30E-07	4.52E-08	2.03E-03	4.99E-05	1.76E-01	2.12E-01	3.43E+01	1.03E-04	3.43E+01	3.50E+01	3.87E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-01
MBS106	7.16E-03	7.94E-01	-6.58E-03	8.01E-01	9.54E-07	0.00E+00	6.74E+02	7.45E-05	5.14E-04	5.58E-03	8.28E-04	2.27E+00	1.59E-07	5.26E-08	4.59E+00	1.58E-01	1.12E-03	4.54E-02	1.01E-02	1.45E-01	2.97E+01	9.47E-01	1.34E-07	4.97E-08	2.10E-03	5.02E-05	2.58E-01	2.00E-01	3.06E+01	1.14E-04	3.06E+01	3.11E+01	4.59E-01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MBS110	4.64E-03	5.87E-01	-8.95E-03	5.96E-01	9.28E-07	0.00E+00	6.09E+02	4.41E-05	3.91E-04	4.20E-03	7.82E-04	1.50E+00	7.02E-08	3.56E-08	2.94E+00	9.49E-02	1.06E-03	2.40E-02	6.92E-03	7.62E-02	1.89E+01	8.89E-01	8.46E-08	3.25E-08	1.53E-03	2.33E-05	1.49E-01	1.95E-01	1.98E+01	6.61E-05	1.98E+01	2.01E+01	3.44E-01	0.00E+00	0.00E+00	0.00E+00	2.97E-01
MBS113	4.64E-03	5.98E-01	-8.59E-03	6.07E-01	9.28E-07	0.00E+00	5.93E+02	4.38E-05	3.99E-04	4.30E-03	7.25E-04	1.63E+00	7.00E-08	3.74E-08	3.24E+00	9.49E-02	9.81E-04	3.05E-02	7.16E-03	7.37E-02	2.01E+01	8.54E-01	8.48E-08	3.22E-08	1.57E-03	2.33E-05	1.54E-01	1.89E-01	2.10E+01	6.76E-05	2.10E+01	2.13E+01	3.44E-01	0.00E+00	0.00E+00	0.00E+00	3.08E-01
MBS116	4.83E-03	6.00E-01	-8.58E-03	6.09E-01	9.28E-07	0.00E+00	5.93E+02	4.38E-05	4.00E-04	4.31E-03	7.25E-04	1.63E+00	6.99E-08	3.74E-08	3.24E+00	9.49E-02	9.81E-04	3.05E-02	7.22E-03	7.25E-02	2.02E+01	8.54E-01	8.56E-08	3.33E-08	1.58E-03	2.34E-05	1.54E-01	1.89E-01	2.10E+01	6.76E-05	2.10E+01	2.14E+01	3.43E-01	0.00E+00	0.00E+00	0.00E+00	3.10E-01
MBS120	4.93E-03	6.02E-01	-8.52E-03	6.11E-01	9.28E-07	0.00E+00	5.93E+02	4.38E-05	4.02E-04	4.33E-03	7.30E-04	1.69E+00	7.00E-08	3.84E-08	3.35E+00	9.49E-02	9.87E-04	3.05E-02	7.35E-03	7.47E-02	2.02E+01	8.54E-01	8.59E-08	3.40E-08	1.60E-03	2.36E-05	1.56E-01	1.90E-01	2.11E+01	6.82E-05	2.11E+01	2.14E+01	3.46E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-01
MBS120W	7.85E-03	8.73E-01	-5.85E-03	8.76E-01	9.31E-07	0.00E+00	6.59E+02	6.54E-05	5.53E-04	5.90E-03	8.98E-04	2.97E+00	7.35E-09	5.09E-08	6.28E+00	1.76E-01	1.21E-03	4.53E-02	1.10E-02	1.34E-01	3.20E+01	9.16E-01	1.37E-07	4.78E-08	2.25E-03	5.28E-05	2.28E-01	2.07E-01	3.31E+01	7.76E-04	3.31E+01	3.33E+01	4.47E-01	0.00E+00	0.00E+00	0.00E+00	4.75E-01
MBS125	9.23E-03	8.92E-01	-4.26E-03	8.96E-01	9.34E-07	0.00E+00	6.52E+02	7.11E-05	5.91E-04	6.47E-03	9.22E-04	3.38E+00	7.74E-09	7.45E-08	7.22E+00	1.93E-01	1.25E-03	4.53E-02	1.32E-02	1.34E-01	3.23E+01	9.06E-01	1.39E-07	5.88E-08	2.46E-03	5.33E-05	2.66E-01	2.10E-01	3.32E+01	8.57E-04	3.32E+01	3.36E+01	4.75E-01	0.00E+00	0.00E+00	0.00E+00	5.65E-01
MBS132	1.13E-02	9.07E-01	-1.15E-03	9.09E-01	9.72E-07	0.00E+00	3.93E+02	1.41E-04	6.35E-04	6.90E-03	1.06E-03	4.03E+00	7.06E-09	1.04E-07	8.52E+00	4.09E-01	1.44E-03	4.85E-02	-1.63E+00	1.39E-01	3.18E+01	7.79E-01	1.50E-07	6.62E-08	2.76E-03	6.02E-05	3.52E-01	2.24E-01	3.26E+01	2.70E-03	3.26E+01	3.32E+01	5.76E-01	0.00E+00	0.00E+00	0.00E+00	-7.02E+01
MBS140	1.06E-02	9.13E-01	-1.01E-03	9.14E-01	9.72E-07	0.00E+00	3.83E+02	1.41E-04	6.37E-04	6.92E-03	1.05E-03	4.03E+00	7.04E-09	1.04E-07	8.51E+00	4.09E-01	1.43E-03	4.84E-02	1.53E-02	1.45E-01	3.19E+01	7.58E-01	1.52E-07	6.63E-08	2.78E-03	6.07E-05	3.44E-01	2.23E-01	3.27E+01	2.70E-03	3.27E+01	3.32E+01	5.67E-01	0.00E+00	0.00E+00	0.00E+00	6.58E-01
MBS150	1.36E-02	9.43E-01	2.81E-03	9.40E-01	9.77E-07	0.00E+00	3.86E+02	1.51E-04	6.91E-04	7.56E-03	1.12E-03	6.12E+00	7.36E-09	1.37E-07	1.25E+01	4.38E-01	1.51E-03	4.81E-02	-2.47E+00	1.88E-01	3.08E+01	7.76E-01	1.89E-07	8.48E-08	3.07E-03	7.49E-05	5.11E-01	2.29E-01	3.15E+01	2.85E-03	3.15E+01	3.23E+01	7.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02

MBS163	1.38E-02	9.49E-01	2.90E-03	9.46E-01	9.77E-07	0.00E+00	3.86E+02	1.51E-04	6.95E-04	7.62E-03	1.12E-03	6.19E+00	7.76E-09	1.39E-07	1.26E+01	4.38E-01	1.52E-03	4.83E-02	-2.47E+00	2.02E-01	3.10E+01	7.76E-01	1.90E-07	8.76E-08	3.10E-03	7.51E-05	5.29E-01	2.30E-01	3.17E+01	2.85E-03	3.17E+01	3.25E+01	7.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MBS206C	1.07E-02	1.35E+00	-2.19E-02	1.39E+00	1.49E-06	0.00E+00	1.50E+03	6.28E-05	1.18E-03	1.22E-02	1.68E-03	2.23E+00	1.63E-08	6.46E-08	4.59E+00	1.59E-01	2.27E-03	5.82E-02	1.30E-02	2.10E-01	5.25E+01	2.20E+00	2.41E-07	7.14E-08	3.81E-03	6.30E-05	3.31E-01	6.07E-01	5.43E+01	2.18E-04	5.43E+01	5.59E+01	7.04E-01	0.00E+00	0.00E+00	0.00E+00	5.61E-01
MBS210C	1.08E-02	1.35E+00	-2.16E-02	1.40E+00	1.49E-06	0.00E+00	1.48E+03	1.01E-04	1.18E-03	1.22E-02	1.68E-03	2.78E+00	1.63E-08	9.12E-08	6.39E+00	2.53E-01	2.28E-03	5.86E-02	1.63E-02	2.11E-01	5.28E+01	2.21E+00	2.42E-07	7.06E-08	3.78E-03	6.34E-05	3.80E-01	6.09E-01	5.47E+01	2.24E-04	5.47E+01	5.64E+01	7.04E-01	0.00E+00	0.00E+00	0.00E+00	7.00E-01
MBS210E	1.16E-02	1.63E+00	-1.99E-02	1.66E+00	1.53E-06	0.00E+00	1.51E+03	1.79E-04	1.21E-03	1.25E-02	1.69E-03	3.82E+00	3.59E-07	1.19E-07	8.55E+00	4.10E-01	2.29E-03	8.37E-02	1.66E-02	2.79E-01	6.07E+01	2.21E+00	2.61E-07	7.75E-08	4.04E-03	9.86E-05	4.67E-01	6.17E-01	6.32E+01	2.58E-04	6.32E+01	6.40E+01	8.89E-01	0.00E+00	0.00E+00	0.00E+00	7.11E-01
MBS213C	1.16E-02	1.59E+00	-1.72E-02	1.61E+00	1.54E-06	0.00E+00	1.46E+03	1.30E-04	1.13E-03	1.19E-02	1.71E-03	3.06E+00	1.47E-08	8.59E-08	6.76E+00	3.22E-01	2.30E-03	6.16E-02	1.57E-02	2.30E-01	5.76E+01	2.10E+00	2.45E-07	7.77E-08	4.07E-03	6.86E-05	4.03E-01	4.22E-01	6.04E+01	2.26E-04	6.04E+01	6.15E+01	7.20E-01	0.00E+00	0.00E+00	0.00E+00	6.76E-01
MBS216C	1.25E-02	1.60E+00	-1.78E-02	1.63E+00	1.55E-06	0.00E+00	1.47E+03	1.42E-04	1.13E-03	1.20E-02	1.71E-03	4.26E+00	1.57E-08	1.09E-07	9.78E+00	3.32E-01	2.30E-03	8.47E-02	1.79E-02	2.62E-01	6.36E+01	2.10E+00	2.54E-07	8.26E-08	4.08E-03	9.79E-05	4.24E-01	5.30E-01	6.70E+01	2.25E-04	6.70E+01	6.79E+01	7.29E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-01
MBS216E	1.29E-02	1.59E+00	-1.19E-02	1.58E+00	1.56E-06	0.00E+00	1.15E+03	1.91E-04	1.01E-03	1.10E-02	1.64E-03	5.26E+00	2.82E-07	1.27E-07	1.19E+01	4.36E-01	2.18E-03	9.58E-02	1.89E-02	2.79E-01	6.36E+01	1.74E+00	2.69E-07	8.49E-08	4.10E-03	1.16E-04	4.83E-01	3.79E-01	6.57E+01	2.33E-04	6.57E+01	6.62E+01	8.94E-01	0.00E+00	0.00E+00	0.00E+00	7.98E-01
MBS220E	1.27E-02	1.61E+00	-8.73E-03	1.60E+00	1.52E-06	0.00E+00	1.13E+03	1.59E-04	1.00E-03	1.09E-02	1.64E-03	5.94E+00	1.40E-08	1.43E-07	1.36E+01	4.60E-01	2.18E-03	9.74E-02	1.84E-02	2.69E-01	6.49E+01	1.76E+00	2.64E-07	8.51E-08	3.82E-03	1.17E-04	5.87E-01	3.79E-01	6.74E+01	1.26E-03	6.74E+01	6.84E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	7.77E-01
MBS225E	1.49E-02	1.68E+00	-8.82E-03	1.67E+00	1.52E-06	0.00E+00	1.10E+03	9.58E-05	1.02E-03	1.13E-02	1.73E-03	6.84E+00	1.45E-08	1.57E-07	1.53E+01	2.50E-01	2.31E-03	8.96E-02	1.92E-02	2.84E-01	6.36E+01	1.76E+00	2.65E-07	9.69E-08	4.56E-03	1.17E-04	5.74E-01	3.88E-01	6.70E+01	1.59E-03	6.70E+01	6.72E+01	7.37E-01	0.00E+00	0.00E+00	0.00E+00	8.28E-01
MBS232E	2.30E-02	1.94E+00	-7.86E-03	1.96E+00	1.57E-06	0.00E+00	9.55E+02	2.29E-04	1.41E-03	1.49E-02	2.12E-03	8.96E+00	1.87E-08	2.16E-07	1.93E+01	7.08E-01	2.87E-03	9.64E-02	3.49E-02	3.84E-01	6.24E+01	2.02E+00	3.19E-07	1.45E-07	5.50E-03	1.40E-04	7.73E-01	6.50E-01	6.50E+01	4.13E-03	6.50E+01	6.61E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MBS263E	2.51E-02	1.96E+00	6.23E-03	2.03E+00	1.55E-06	0.00E+00	9.37E+02	2.64E-04	1.56E-03	1.64E-02	2.20E-03	1.17E+01	1.92E-08	2.53E-07	2.43E+01	8.04E-01	2.99E-03	9.61E-02	3.80E-02	4.08E-01	6.15E+01	2.04E+00	3.86E-07	1.64E-07	5.85E-03	1.64E-04	9.86E-01	5.70E-01	6.36E+01	4.33E-03	6.36E+01	6.50E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MBS306	2.16E-02	2.36E+00	-1.97E-02	2.38E+00	2.04E-06	0.00E+00	1.91E+03	2.22E-04	1.53E-03	1.66E-02	2.46E-03	6.80E+00	4.76E-07	1.55E-07	1.38E+01	4.71E-01	3.33E-03	1.36E-01	3.02E-02	4.60E-01	8.88E+01	2.71E+00	4.06E-07	1.50E-07	6.32E-03	1.74E-04	7.83E-01	6.00E-01	9.15E+01	4.33E-04	9.15E+01	9.29E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
MBS310	2.15E-02	2.36E+00	-1.92E-02	2.38E+00	2.45E-06	0.00E+00	1.90E+03	2.22E-04	1.53E-03	1.67E-02	2.47E-03	6.83E+00	4.76E-07	1.55E-07	1.38E+01	4.73E-01	3.34E-03	1.35E-01	3.03E-02	4.73E-01	8.90E+01	2.71E+00	4.08E-07	1.50E-07	6.32E-03	1.80E-04	8.21E-01	6.00E-01	9.17E+01	3.52E-04	9.17E+01	9.31E+01	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
MBS310C	1.85E-02	2.45E+00	-3.08E-02	2.51E+00	2.31E-06	0.00E+00	1.78E+03	1.72E-04	1.72E-03	1.77E-02	2.47E-03	6.34E+00	2.30E-08	1.56E-07	1.31E+01	4.11E-01	3.37E-03	1.20E-01	2.72E-02	3.81E-01	7.99E+01	3.05E+00	3.69E-07	1.24E-07	5.95E-03	1.58E-04	7.88E-01	7.02E-01	8.32E+01	3.34E-04	8.32E+01	8.30E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MBS313	2.24E-02	2.38E+00	-1.85E-02	2.40E+00	2.45E-06	0.00E+00	1.90E+03	2.22E-04	1.55E-03	1.69E-02	2.50E-03	7.35E+00	4.77E-07	1.65E-07	1.50E+01	4.73E-01	3.39E-03	1.35E-01	3.14E-02	4.88E-01	8.94E+01	2.71E+00	4.12E-07	1.56E-07	6.44E-03	1.81E-04	8.50E-01	6.04E-01	9.21E+01	3.58E-04	9.21E+01	9.35E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
MBS313C	1.91E-02	2.77E+00	-3.06E-02	2.82E+00	2.31E-06	0.00E+00	1.92E+03	1.76E-04	1.76E-03	1.82E-02	2.57E-03	7.53E+00	2.19E-08	1.70E-07	1.48E+01	4.18E-01	3.48E-03	1.28E-01	2.79E-02	3.92E-01	8.99E+01	3.07E+00	3.84E-07	1.27E-07	6.12E-03	1.70E-04	8.17E-01	6.94E-01	9.11E+01	3.21E-04	9.11E+01	9.13E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
MBS316	1.47E-02	1.80E+00	-2.53E-02	1.83E+00	2.37E-06	0.00E+00	1.71E+03	1.31E-04	1.20E-03	1.30E-02	2.17E-03	4.91E+00	2.10E-07	1.11E-07	9.75E+00	2.83E-01	2.94E-03	9.14E-02	2.19E-02	2.67E-01	6.09E+01	2.51E+00	2.61E-07	1.02E-07	4.80E-03	1.04E-04	4.97E-01	5.69E-01	6.34E+01	2.13E-04	6.34E+01	6.44E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-01
MBS316C	1.88E-02	2.59E+00	-2.86E-02	2.65E+00	2.31E-06	0.00E+00	1.81E+03	1.87E-04	1.76E-03	1.82E-02	2.52E-03	7.90E+00	2.18E-08	1.78E-07	1.58E+01	4.31E-01	3.41E-03	1.20E-01	2.78E-02	3.82E-01	8.35E+01	3.06E+00	3.75E-07	1.28E-07	6.14E-03	1.61E-04	8.26E-01	6.26E-01	8.53E+01	3.32E-04	8.53E+01	8.53E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MBS320	2.64E-02	2.64E+00	-1.35E-02	2.66E+00	2.39E-06	0.00E+00	1.90E+03	2.13E-04	1.75E-03	1.91E-02	2.55E-03	9.40E+00	2.17E-08	2.01E-07	1.94E+01	5.76E-01	3.45E-03	1.37E-01	3.80E-02	4.24E-01	9.42E+01	2.71E+00	4.29E-07	1.75E-07	7.29E-03	1.89E-04	7.98E-01	6.08E-01	9.69E+01	2.58E-03	9.69E+01	9.83E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MBS320W	2.31E-02	2.56E+00	-1.15E-02	2.57E+00	2.19E-06	0.00E+00	1.21E+03	1.22E-04	1.53E-03	1.70E-02	2.52E-03	9.62E+00	2.01E-08	2.08E-07	1.98E+01	3.06E-01	3.37E-03	1.25E-01	3.60E-02	4.18E-01	9.63E+01	2.44E+00	4.01E-07	1.48E-07	6.59E-03	1.72E-04	7.82E-01	4.91E-01	9.88E+01	2.19E-03	9.88E+01	1.00E+02	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MBS325	2.73E-02	2.63E+00	-1.82E-02	2.65E+00	1.91E-06	0.00E+00	1.87E+03	7.39E-05	1.73E-03	1.87E-02	2.94E-03	1.01E+01	2.27E-08	2.11E-07	2.17E+01	1.55E-01	3.99E-03	1.14E-01	3.66E-02	4.15E-01	9.66E+01	2.66E+00	4.17E-07	1.75E-07	7.26E-03	1.82E-04	7.32E-01	6.47E-01	9.93E+01	2.66E-03	9.93E+01	1.01E+02	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MBS332	3.19E-02	2.73E+00	-2.82E-03	2.73E+00	2.50E-06	0.00E+00	1.07E+03	4.21E-04	1.91E-03	2.07E-02	3.15E-03	1.21E+01	2.07E-08	3.10E-07	2.56E+01	1.22E+00	4.26E-03	1.45E-01	4.59E-02	4.64E-01	9.59E+01	2.21E+00	4.59E-07	2.00E-07	8.36E-03	2.08E-04	1.06E+00	6.69E-01	9.81E+01	8.06E-03	9.81E+01	9.99E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
MBS340	3.41E-02	2.74E+00	-3.05E-03	2.74E+00	2.48E-06	0.00E+00	1.08E+03	4.21E-04	1.91E-03	2.08E-02	3.16E-03	1.21E+01	2.07E-08	3.10E-07	2.56E+01	1.22E+00	4.27E-03	1.45E-01	-4.90E+00	4.44E-01	9.61E+01	2.24E+00	5.33E-07	2.00E-07	8.35E-03	2.06E-04	1.09E+00	6.69E-01	9.83E+01	7.94E-03	9.83E+01	1.00E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	-2.11E+02
MBS350	3.87E-02	2.81E+00	8.51E-03	2.80E+00	2.49E-06	0.00E+00	1.06E+03	4.51E-04	2.06E-03	2.26E-02	3.33E-03	1.84E+01	2.15E-08	4.09E-07	3.75E+01	1.31E+00	4.50E-03	1.44E-01	-7.41E+00	5.90E-01	9.20E+01	2.22E+00	5.70E-07	2.55E-07	9.22E-03	2.49E-04	1.53E+00	6.86E-01	9.42E+01	8.50E-03	9.42E+01	9.64E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	-3.18E+02
MBS363	4.17E-02	2.83E+00	8.76E-03	2.82E+00	2.49E-06	0.00E+00	1.06E+03	4.51E-04	2.07E-03	2.28E-02	3.34E-03	1.86E+01	2.27E-08	4.14E-07	3.80E+01	1.31E+00	4.53E-03	1.45E-01	-7.41E+00	6.31E-01	9.29E+01	2.22E+00	5.72E-07	2.64E-07	9.30E-03	2.49E-04	1.61E+00	6.88E-01	9.51E+01	8.50E-03	9.51E+01	9.74E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	-3.18E+02
MBS506	1.12E-02	1.60E+00	-1.60E-02	1.62E+00	1.58E-06	0.00E+00	1.52E+03	1.60E-04	1.12E-03	1.17E-02	1.69E-03	4.06E+00	3.02E-07	8.19E-08	8.95E+00	3.96E-01	2.29E-03	5.85E-02	1.38E-02	2.17E-01	5.44E+01	2.12E+00	2.50E-07	7.33E-08	3.89E-03	6.79E-05	4.22E-01	4.18E-01	5.66E+01	2.45E-04	5.66E+01	5.77E+01	8.75E-01	0.00E+00	0.00E+00	0.00E+00	5.95E-01
MBS506E	1.12E-02	1.62E+00	-1.98E-02	1.66E+00	1.53E-06	0.00E+00	1.56E+03	1.62E-04	1.19E-03	1.23E-02	1.68E-03	4.11E+00	3.60E-07	8.29E-08	8.97E+00	3.99E-01	2.28E-03	5.85E-02	1.38E-02	2.16E-01	5.18E+01	2.27E+00	2.50E-07	7.32E-08	3.89E-03	6.79E-05	4.26E-01	6.12E-01	5.37E+01	2.53E-04	5.37E+01	5.51E+01	8.75E-01	0.00E+00	0.00E+00	0.00E+00	5.95E-01
MBS510	1.19E-02	1.57E+00	-1.08E-02	1.57E+00	1.57E-06	0.00E+00	1.14E+03	1.78E-04	1.01E-03	1.11E-02	1.62E-03	5.47E+00	2.80E-07	1.17E-07	1.18E+01	4.45E-01	2.16E-03	6.31E-02	1.70E-02	2.19E-01	5.19E+01	1.73E+00	2.52E-07	7.85E-08	3.80E-03	6.96E-05	4.73E-01	3.77E-01	5.39E+01	2.44E-04	5.39E+01	5.51E+01	9.21E-01	0.00E+00	0.00E+00	0.00E+00	7.33E-01
MBS510E	1.18E-02	1.62E+00	-1.97E-02	1.66E+00	1.53E-06	0.00E+00	1.56E+03	1.90E-04	1.22E-03	1.27E-02	1.68E-03	5.58E+00	3.59E-07	1.25E-07	1.22E+01	4.58E-01	2.29E-03	6.42E-02	1.71E-02	2.23E-01	5.18E+01	2.27E+00	2.52E-07	7.81E-08	4.04E-03	6.95E-05	5.00E-01	6.17E-01	5.36E+01	2.64E-04	5.36E+01	5.53E+01	9.25E-01	0.00E+00	0.00E+00	0.00E+00	7.30E-01
MBS513	1.31E-02	1.62E+00	-1.66E-02	1.64E+00	1.58E-06	0.00E+00	1.55E+03	1.78E-04	1.15E-03	1.22E-02	1.69E-03	5.11E+00	3.52E-07	1.10E-07	1.06E+01	4.06E-01	2.28E-03	8.38E-02	1.71E-02	2.80E-01	6.02E+01	2.12E+00	2.64E-07	8.83E-08	4.16E-03	1.02E-04	5.28E-01	5.28E-01	6.19E+01	2.43E-04	6.19E+01	6.37E+01	8.67E-01	0.00E+00	0.00E+00	0.00E+00	7.10E-01
MBS516	1.30E-02	1.62E+00	-1.81E-02	1.64E+00	1.53E-06	0.00E+00	1.54E+03	2.08E-04	1.15E-03	1.22E-02	1.70E-03	6.33E+00	3.51E-07	1.35E-07	1.40E+01	4.72E-01	2.31E-03	9.41E-02	2.02E-02	2.79E-01	6.32E+01	2.12E+00	2.69E-07	8.63E-08	4.12E-03	1.15E-04	5.35E-01	5.29E-01	6.47E+01	2.43E-04	6.47E+01	6.60E+01	9.35E-01	0.00E+00	0.00E+00	0.00E+00	8.55E-01
MBS516E	1.30E-02	1.57E+00	-1.08E-02	1.57E+00	1.57E-06	0.00E+00	1.14E+03	1.99E-04	1.02E-03	1.12E-02	1.62E-03	6.30E+00	2.81E-07	1.33E-07	1.39E+01	4.60E-01	2.16E-03	6.29E-02	1.99E-02	2.26E-01	5.11E+01	1.73E+00	2.54E-07	8.60E-08	3.88E-03	6.97E-05	5.21E-01	3.78E-01	5.29E+01	2.45E-04	5.29E+01	5.47E+01	9.29E-01	0.00E+00	0.00E+00	0.00E+00	8.53E-01
MBS520	1.31E-02	1.60E+00	-1.04E-02	1.60E+00	1.53E-06	0.00E+00	1.14E+03	1.63E-04	1.03E-03	1.13E-02	1.65E-03	6.78E+00	1.40E-08	1.61E-07	1.47E+01	4.64E-01	2.19E-03	9.63E-02	1.91E-02	2.72E-01	6.39E+01	1.76E+00	2.65E-07	8.61E-08	3.98E-03	1.18E-04	6.21E-01	3.80E-01	6.61E+01	6.94E-04	6.61E+01	6.72E+01	7.77E-01	0.00E+00	0.00E+00	0.00E+00	8.10E-01
MBS520E	1.31E-02	1.60E+00	-1.05E-02	1.59E+00	1.53E-06	0.00E+00	1.14E+03	1.63E-04	1.03E-03	1.12E-02	1.64E-03	6.78E+00	1.35E-08	1.61E-07	1.47E+01	4.63E-01	2.18E-03	9.63E-02	1.91E-02	2.75E-01	6.39E+01	1.76E+00	2.65E-07	8.62E-08	4.20E-03	1.18E-04	6.23E-01	3.82E-01	6.61E+01	6.94E-04	6.61E+01	6.72E+01	7.79E-01	0.00E+00	0.00E+00	0.00E+00	8.10E-01
MBS525	1.47E-02	1.74E+00	-1.32E-02	1.78E+00	1.50E-06	0.00E+00	1.55E+03	1.10E-04	1.30E-03	1.36E-02	1.81E-03	7.79E+00	1.84E-08	1.85E-07	1.67E+01	2.83E-01	2.48E-03	9.07E-02	2.51E-02	2.84E-01	6.27E+01	2.28E+00	2.64E-07	1.01E-07	4.71E-03	1.17E-04	6.77E-01	5.41E-01	6.55E+01	1.77E-03	6.55E+01	6.57E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MBS525E	1.47E-02	1.74E+00	-1.32E-02	1.78E+00	1.50E-06	0.00E+00	1.55E+03	1.10E-04	1.30E-03	1.36E-02	1.81E-03	7.79E+00	1.84E-08	1.85E-07	1.67E+01	2.83E-01	2.48E-03	9.07E-02	2.51E-02	2.84E-01	6.27E+01	2.28E+00	2.64E-07	1.01E-07	4.71E-03	1.17E-04	6.77E-01	5.41E-01	6.55E+01	1.77E-03	6.55E+01	6.57E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MBS532	2.06E-02	1.74E+00	-9.76E-03	1.78E+00	1.59E-06	0.00E+00	9.53E+02	2.39E-04	1.37E-03	1.45E-02	2.12E-03	7.80E+00	1.88E-08	2.41E-07	1.76E+01	7.20E-01	2.87E-03	9.63E-02	3.41E-02	3.68E-01	6.13E+01	2.01E+00	3.12E-07	1.32E-07	5.37E-03	1.35E-04	7.69E-01	6.48E-01	6.36E+01	4.09E-03	6.36E+01	6.44E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MBS532E	2.08E-02	1.69E+00	-5.05E-03	1.69E+00	1.63E-06	0.00E+00	6.43E+02	2.38E-04	1.19E-03	1.31E-02	2.01E-03	1.02E+01	1.44E-08	2.46E-07	2.10E+01	7.09E-01	2.64E-03	9.63E-02	3.42E-02	3.67E-01	6.10E+01	1.45E+00	3.15E-07	1.33E-07	5.42E-03	1.45E-04	7.64E-01	4.05E-01	6.32E+01	3.79E-03	6.32E+01	6.41E+01	1.30E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MBS540E	2.34E-02	1.95E+00	-7.54E-03	2.00E+00	1.57E-06	0.00E+00	9.39E+02	2.40E-04	1.45E-03	1.52E-02	2.12E-03	1.04E+01	1.87E-08	2.42E-07	2.23E+01	7.18E-01	2.87E-03	9.67E-02	3.50E-02	3.84E-01	6.16E+01	2.06E+00	3.71E-07	1.47E-07	5.50E-03	1.45E-04	7.99E-01	5.64E-01	6.41E+01	4.12E-03	6.41E+01	6.54E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MBS550E	2.50E-02	1.74E+00	6.81E-03	1.72E+00	1.61E-06	0.00E+00	6.40E+02	2.85E-04	1.29E-03	1.41E-02	2.03E-03	1.18E+01	1.41E-08	2.68E-07	2.45E+01	8.28E-01	2.67E-03	9.62E-02	3.48E-02	3.94E-01	6.10E+01	1.46E+00	3.88E-07	1.63E-07	5.80E-03	1.65E-04	9.82E-01	4.12E-01	6.31E+01	4.34E-03	6.31E+01	6.46E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MBS563E	2.50E-02	1.85E+00	7.07E-03	1.84E+00	1.57E-06	0.00E+00	9.35E+02	2.82E-04	1.46E-03	1.56E-02	2.20E-03	1.23E+01	1.67E-08	2.72E-07	2.52E+01	8.36E-01	3.00E-03	9.66E-02	3.81E-02	4.13E-01	6.10E+01	1.83E+00	4.00E-07	1.64E-07	5.85E-03	1.67E-04	1.02E+00	5.67E-01	6.32E+01	4.56E-03	6.32E+01	6.43E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MBS606	2.87E-02	3.14E+00	-3.70E-02	3.17E+00	2.60E-06	0.00E+00	2.61E+03	2.48E-04	2.09E-03	2.25E-02	3.32E-03	7.81E+00	6.34E-07	1.92E-07	1.69E+01	5.72E-01	4.49E-03	1.81E-01	4.05E-02	5.87E-01	1.21E+02	3.65E+00	7.34E-07	2.01E-07	8.72E-03	2.38E-04	9.98E-01	1.11E+00	1.25E+02	5.68E-04	1.25E+02	1.25E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MBS606E	2.85E-02	3.15E+00	-2.63E-02	3.18E+00	2.58E-06	0.00E+00	2.56E+03	2.96E-04	2.04E-03	2.22E-02	3.30E-03	9.04E+00	6.34E-07	2.06E-07	1.84E+01	6.27E-01	4.47E-03	1.81E-01	3.99E-02	5.93E-01	1.19E+02	3.65E+00	5.42E-07	1.97E-07	8.42E-03	2.32E-04	1.03E+00	8.01E-01	1.22E+02	5.93E-04	1.22E+02	1.24E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MBS610	2.92E-02	3.13E+00	-3.72E-02	3.17E+00	2.61E-06	0.00E+00	2.53E+03	2.85E-04	2.12E-03	2.29E-02	3.33E-03	8.94E+00	6.34E-07	2.06E-07	1.92E+01	6.42E-01	4.50E-03	1.80E-01	4.06E-02	6.14E-01	1.21E+02	3.63E+00	7.19E-07	2.03E-07	8.85E-03	2.42E-04	1.10E+00	1.11E+00	1.24E+02	4.86E-04	1.24E+02	1.25E+02	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MBS610E	2.84E-02	3.15E+00	-2.57E-02	3.18E+00	2.58E-06	0.00E+00	2.54E+03	2.96E-04	2.04E-03	2.22E-02	3.30E-03	9.08E+00	6.33E-07	2.06E-07	1.84E+01	6.28E-01	4.47E-03	1.80E-01	4.01E-02	6.10E-01	1.19E+02	3.62E+00	5.45E-07	1.98E-07	8.43E-03	2.39E-04	1.08E+00	8.01E-01	1.22E+02	4.72E-04	1.22E+02	1.24E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MBS613	2.89E-02	3.13E+00	-2.59E-02	3.16E+00	2.57E-06	0.00E+00	2.53E+03	2.69E-04	2.05E-03	2.23E-02	3.34E-03	9.31E+00	6.34E-07	2.07E-07	1.87E+01	5.80E-01	4.51E-03	1.79E-01	4.12E-02	6.13E-01	1.22E+02	3.60E+00	5.44E-07	2.01E-07	8.52E-03	2.39E-04	1.07E+00	8.38E-01	1.26E+02	4.84E-04	1.26E+02	1.26E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MBS616	2.93E-02	3.17E+00	-2.49E-02	3.20E+00	2.58E-06	0.00E+00	2.54E+03	2.96E-04	2.06E-03	2.24E-02	3.34E-03	9.74E+00	6.34E-07	2.18E-07	1.99E+01	6.28E-01	4.53E-03	1.80E-01	4.12E-02	6.12E-01	1.19E+02	3.62E+00	5.49E-07	2.03E-07	8.54E-03	2.41E-04	1.10E+00	8.05E-01	1.23E+02	4.79E-04	1.23E+02	1.25E+02	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MBS616E	2.93E-02	3.17E+00	-2.49E-02	3.20E+00	2.58E-06	0.00E+00	2.54E+03	2.96E-04	2.06E-03	2.24E-02	3.34E-03	9.74E+00	6.34E-07	2.18E-07	1.99E+01	6.28E-01	4.53E-03	1.80E-01	4.12E-02	6.12E-01	1.19E+02	3.62E+00	5.49E-07	2.03E-07	8.55E-03	2.41E-04	1.10E+00	8.05E-01	1.23E+02	4.79E-04	1.23E+02	1.25E+02	1.90E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MBS620	3.00E-02	3.34E+00	-2.18E-02	3.39E+00	2.49E-06	0.00E+00	2.61E+03	2.03E-04	2.09E-03	2.26E-02	3.44E-03	1.14E+01	2.79E-08	2.48E-07	2.44E+01	5.23E-01	4.65E-03	1.76E-01	4.57E-02	5.88E-01	1.27E+02	3.61E+00	7.35E-07	2.05E-07	8.90E-03	2.39E-04	1.03E+00	1.18E+00	1.31E+02	1.67E-03	1.31E+02	1.31E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00
MBS620E	3.49E-02	3.53E+00	-1.81E-02	3.55E+00	2.51E-06	0.00E+00	2.55E+03	2.84E-04	2.33E-03	2.54E-02	3.41E-03	1.25E+01	2.77E-08	2.67E-07	2.58E+01	7.65E-01	4.62E-03	1.82E-01	5.02E-02	5.41E-01	1.26E+02	3.62E+00	5.73E-07	2.31E-07	9.71E-03	2.51E-04	1.05E+00	8.12E-01	1.29E+02	3.44E-03	1.29E+02	1.31E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	2.16E+00
MBS625	2.97E-02	2.61E+00	-1.86E-02	2.60E+00	2.40E-06	0.00E+00	1.88E+03	1.09E-04	1.77E-03	1.97E-02	3.70E-03	1.27E+01	2.39E-08	2.69E-07	2.69E+01	2.40E-01	5.02E-03	1.64E-01	4.35E-02	5.26E-01	1.27E+02	2.67E+00	5.60E-07	2.04E-07	8.85E-03	2.30E-04	8.44E-01	6.54E-01	1.31E+02	2.87E-03	1.31E+02	1.33E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
MBS625E	3.60E-02	3.50E+00	-2.43E-02	3.53E+00	2.41E-06	0.00E+00	2.52E+03	9.83E-05	2.29E-03	2.49E-02	3.94E-03	1.35E+01	2.88E-08	2.79E-07	2.87E+01	2.05E-01	5.34E-03	1.52E-01	4.82E-02	5.24E-01	1.28E+02	3.57E+00	5.56E-07	2.28E-07	9.64E-03	2.42E-04	8.21E-01	8.64E-01	1.31E+02	3.56E-03	1.31E+02	1.33E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	2.07E+00
MBS632	3.68E-02	3.41E+00	-1.01E-02	3.44E+00	2.73E-06	0.00E+00	1.54E+03	5.77E-04	2.34E-03	2.55E-02	4.21E-03	1.46E+01	2.96E-08	3.85E-07	3.22E+01	1.59E+00	5.67E-03	1.91E-01	5.18E-02	6.18E-01	1.29E+02	2.94E+00	7.63E-07	2.39E-07	1.04E-02	2.58E-04	1.48E+00	1.16E+00	1.31E+02	8.62E-03	1.31E+02	1.33E+02	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
MBS632E	4.21E-02	3.64E+00	-3.87E-03	3.64E+00	2.66E-06	0.00E+00	1.44E+03	5.61E-04	2.54E-03	2.76E-02	4.21E-03	1.61E+01	2.55E-08	4.12E-07	3.41E+01	1.63E+00	5.70E-03	1.94E-01	6.05E-02	5.89E-01	1.28E+02	2.96E+00	6.12E-07	2.64E-07	1.11E-02	2.77E-04	1.40E+00	8.92E-01	1.31E+02	1.07E-02	1.31E+02	1.33E+02	2.29E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+00
MBS640	4.42E-02	3.58E+00	-3.92E-03	3.57E+00	2.70E-06	0.00E+00	1.41E+03	5.77E-04	2.55E-03	2.78E-02	4.22E-03	1.68E+01	2.97E-08	4.45E-07	3.59E+01	1.66E+00	5.70E-03	1.92E-01	5.80E-02	6.76E-01	1.29E+02	2.94E+00	8.87E-07	2.83E-07	1.13E-02	2.94E-04	1.58E+00	1.17E+00	1.32E+02	9.32E-03	1.32E+02	1.34E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00
MBS640E	4.27E-02	3.69E+00	-3.45E-03	3.69E+00	2.66E-06	0.00E+00	1.44E+03	5.61E-04	2.56E-03	2.79E-02	4.21E-03	1.61E+01	2.77E-08	4.14E-07	3.41E+01	1.63E+00	5.70E-03	1.94E-01	6.13E-02	6.19E-01	1.29E+02	2.98E+00	7.18E-07	2.67E-07	1.12E-02	2.78E-04	1.41E+00	8.92E-01	1.32E+02	1.06E-02	1.32E+02	1.34E+02	2.30E+00	0.00E+00	0.00E+00	0.00E+00	2.63E+00
MBS650E	5.16E-02	3.75E+00	1.13E-02	3.74E+00	2.68E-06	0.00E+00	1.42E+03	6.01E-04	2.75E-03	3.02E-02	4.45E-03	2.45E+01	2.88E-08	5.46E-07	4.99E+01	1.75E+00	6.02E-03	1.92E-01	-9.88E+00	7.84E-01	1.23E+02	2.98E+00	7.61E-07	3.40E-07	1.23E-02	3.31E-04	2.03E+00	9.16E-01	1.26E+02	1.13E-02	1.26E+02	1.29E+02	2.94E+00	0.00E+00	0.00E+00	0.00E+00	-4.24E+02
MBS663E	5.56E-02	3.77E+00	1.16E-02	3.76E+00	2.68E-06	0.00E+00	1.42E+03	6.01E-04	2.77E-03	3.04E-02	4.48E-03	2.48E+01	3.04E-08	5.52E-07	5.06E+01	1.75E+00	6.06E-03	1.93E-01	-9.88E+00	8.39E-01	1.24E+02	2.98E+00	7.63E-07	3.51E-07	1.24E-02	3.32E-04	2.14E+00	9.18E-01	1.27E+02	1.13E-02	1.27E+02	1.30E+02	3.06E+00	0.00E+00	0.00E+00	0.00E+00	-4.24E+02
MC100A	8.35E-03	9.74E-01	-8.66E-03	9.88E-01	3.66E-07	0.00E+00	4.09E+02	4.47E-05	6.91E-04	7.13E-03	1.06E-03	2.02E+00	1.67E-08	6.70E-08	4.42E+00	1.28E-01	1.44E-03	5.10E-02	1.19E-02	1.78E-01	3.72E+01	8.23E-01	1.42E-07	5.14E-08	2.95E-03	5.66E-05	2.81E-01	2.33E-01	3.84E+01	2.91E-03	3.84E+01	3.93E+01	5.43E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MC101A	8.38E-03	9.98E-01	-8.69E-03	1.02E+00	3.66E-07	0.00E+00	4.08E+02	4.56E-05	7.02E-04	7.21E-03	1.06E-03	2.04E+00	1.72E-08	6.86E-08	4.63E+00	1.30E-01	1.44E-03	5.12E-02	1.18E-02	1.82E-01	3.74E+01	8.24E-01	1.42E-07	5.16E-08	2.95E-03	5.80E-05	2.84E-01	2.34E-01	3.84E+01	2.91E-03	3.84E+01	3.95E+01	5.43E-01	0.00E+00	0.00E+00	0.00E+00	5.06E-01
MC102A	8.38E-03	9.97E-01	-8.99E-03	1.01E+00	3.66E-07	0.00E+00	4.10E+02	4.75E-05	7.01E-04	7.20E-03	1.07E-03	2.06E+00	1.62E-08	6.83E-08	4.64E+00	1.38E-01	1.45E-03	5.11E-02	1.19E-02	1.83E-01	3.73E+01	8.24E-01	1.41E-07	5.16E-08	2.95E-03	5.69E-05	2.80E-01	2.34E-01	3.85E+01	2.91E-03	3.85E+01	3.94E+01	5.41E-01	0.00E+00	0.00E+00	0.00E+00	5.08E-01
MC103A	8.33E-03	9.98E-01	-8.98E-03	1.01E+00	3.66E-07	0.00E+00	4.10E+02	4.60E-05	7.02E-04	7.20E-03	1.07E-03	2.04E+00	1.60E-08	6.53E-08	4.47E+00	1.34E-01	1.44E-03	5.11E-02	1.19E-02	1.85E-01	3.74E+01	8.24E-01	1.41E-07	5.16E-08	2.95E-03	5.59E-05	2.82E-01	2.34E-01	3.86E+01	2.91E-03	3.86E+01	3.94E+01	5.43E-01	0.00E+00	0.00E+00	0.00E+00	5.11E-01
MC104A	8.33E-03	9.98E-01	-8.90E-03	1.02E+00	3.66E-07	0.00E+00	4.09E+02	4.47E-05	7.03E-04	7.21E-03	1.07E-03	2.03E+00	1.61E-08	6.54E-08	4.46E+00	1.27E-01	1.44E-03	5.11E-02	1.19E-02	1.86E-01	3.74E+01	8.23E-01	1.42E-07	5.15E-08	2.95E-03	5.58E-05	2.82E-01	2.34E-01	3.86E+01	2.91E-03	3.86E+01	3.95E+01	5.44E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MC106A	6.18E-03	9.53E-01	-1.58E-02	9.73E-01	4.89E-07	0.00E+00	1.11E+03	2.56E-05	5.47E-04	5.86E-03	9.96E-04	1.17E+00	1.37E-08	3.73E-08	2.51E+00	5.33E-02	1.40E-03	5.08E-02	9.23E-03	1.09E-01	3.82E+01	1.02E+00	1.24E-07	4.02E-08	2.11E-03	4.27E-05	1.62E-01	2.59E-01	3.97E+01	1.15E-04	3.97E+01	4.03E+01	3.65E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-01
MC110A	4.79E-03	7.87E-01	-1.52E-02	8.08E-01	5.06E-07	0.00E+00	1.31E+03	2.39E-05	6.25E-04	6.14E-03	9.02E-04	1.09E+00	1.43E-08	2.99E-08	2.19E+00	5.09E-02	1.28E-03	3.75E-02	7.29E-03	6.52E-02	2.87E+01	1.26E+00	9.43E-08	3.09E-08	1.69E-03	3.01E-05	1.22E-01	2.51E-01	2.95E+01	6.62E-05	2.95E+01	3.03E+01	3.12E-01	0.00E+00	0.00E+00	0.00E+00	3.13E-01
MC110P	5.39E-03	7.97E-01	-1.14E-02	8.04E-01	1.38E-07	0.00E+00	7.84E+02	2.64E-05	5.66E-04	6.18E-03	8.27E-04	1.11E+00	8.85E-09	3.04E-08	2.18E+00	5.30E-02	1.12E-03	3.85E-02	6.87E-03	1.05E-01	3.10E+01	1.02E+00	1.11E-07	3.54E-08	2.00E-03	6.01E-05	1.93E-01	2.24E-01	3.16E+01	8.02E-05	3.16E+01	3.32E+01	4.02E-01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MC113A	6.61E-03	9.81E-01	-1.07E-02	1.01E+00	4.41E-07	0.00E+00	8.13E+02	2.59E-05	5.81E-04	6.26E-03	9.81E-04	1.50E+00	1.37E-08	4.04E-08	3.11E+00	5.37E-02	1.34E-03	5.06E-02	9.54E-03	1.19E-01	3.81E+01	1.00E+00	1.25E-07	4.31E-08	2.33E-03	4.30E-05	1.54E-01	2.41E-01	3.95E+01	1.13E-04	3.95E+01	4.03E+01	3.88E-01	0.00E+00	0.00E+00	0.00E+00	4.08E-01
MC116A	4.62E-03	6.65E-01	-9.40E-03	6.75E-01	3.53E-07	0.00E+00	5.77E+02	2.34E-05	4.18E-04	4.48E-03	8.12E-04	1.10E+00	7.04E-09	2.90E-08	2.20E+00	5.00E-02	1.10E-03	3.65E-02	6.99E-03	5.78E-02	2.60E+01	8.20E-01	7.94E-08	2.97E-08	1.65E-03	1.94E-05	1.11E-01	1.97E-01	2.68E+01	5.74E-05	2.68E+01	2.70E+01	3.04E-01	0.00E+00	0.00E+00	0.00E+00	2.99E-01
MC116P	5.39E-03	7.96E-01	-1.15E-02	8.02E-01	1.26E-07	0.00E+00	7.84E+02	2.64E-05	5.69E-04	6.21E-03	8.27E-04	1.10E+00	8.73E-09	3.04E-08	2.18E+00	5.30E-02	1.12E-03	3.89E-02	6.91E-03	1.04E-01	3.10E+01	1.02E+00	1.10E-07	3.55E-08	2.00E-03	6.12E-05	1.92E-01	2.24E-01	3.17E+01	8.02E-05	3.17E+01	3.31E+01	4.05E-01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MC120A	6.73E-03	9.47E-01	-9.73E-03	9.71E-01	4.02E-07	0.00E+00	6.93E+02	4.82E-05	5.87E-04	6.33E-03	9.43E-04	1.65E+00	9.44E-08	4.59E-08	3.70E+00	1.01E-01	1.28E-03	5.07E-02	1.02E-02	1.20E-01	3.71E+01	9.48E-01	1.25E-07	4.35E-08	2.38E-03	4.30E-05	1.60E-01	2.23E-01	3.81E+01	1.16E-04	3.81E+01	3.88E+01	4.00E-01	0.00E+00	0.00E+00	0.00E+00	4.36E-01
MC120P	5.45E-03	7.98E-01	-1.15E-02	8.02E-01	1.29E-07	0.00E+00	7.84E+02	2.64E-05	5.69E-04	6.21E-03	8.47E-04	1.11E+00	1.10E-08	3.04E-08	2.18E+00	5.30E-02	1.14E-03	3.89E-02	6.87E-03	1.05E-01	3.12E+01	1.02E+00	1.11E-07	3.57E-08	2.01E-03	6.12E-05	1.92E-01	2.24E-01	3.19E+01	8.05E-05	3.19E+01	3.34E+01	4.04E-01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MC125A	7.30E-03	8.68E-01	-8.97E-03	8.89E-01	2.02E-07	0.00E+00	6.96E+02	2.92E-05	5.49E-04	5.93E-03	9.58E-04	1.82E+00	7.82E-09	4.94E-08	3.84E+00	6.12E-02	1.30E-03	4.97E-02	1.10E-02	1.20E-01	3.71E+01	9.46E-01	1.26E-07	4.62E-08	2.29E-03	4.32E-05	1.73E-01	2.15E-01	3.82E+01	1.33E-04	3.82E+01	3.87E+01	4.19E-01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
MC132A	9.62E-03	9.82E-01	-3.22E-03	9.89E-01	3.74E-07	0.00E+00	3.67E+02	1.52E-04	7.20E-04	7.55E-03	1.06E-03	3.37E+00	1.76E-07	9.66E-08	7.28E+00	3.95E-01	1.44E-03	5.16E-02	1.38E-02	1.74E-01	3.28E+01	7.38E-01	1.45E-07	6.06E-08	3.07E-03	5.40E-05	3.49E-01	2.35E-01	3.34E+01	2.73E-03	3.34E+01	3.41E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	5.90E-01
MC140A	9.89E-03	9.81E-01	-3.22E-03	9.88E-01	3.73E-07	0.00E+00	3.70E+02	1.52E-04	7.20E-04	7.54E-03	1.06E-03	3.36E+00	1.78E-07	9.66E-08	7.31E+00	4.01E-01	1.44E-03	5.16E-02	1.39E-02	1.73E-01	3.33E+01	7.42E-01	1.45E-07	6.18E-08	3.09E-03	5.40E-05	3.47E-01	2.35E-01	3.42E+01	2.73E-03	3.42E+01	3.47E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	5.99E-01
MC150A	1.25E-02	9.55E-01	4.94E-03	9.58E-01	4.23E-07	0.00E+00	3.97E+02	1.70E-04	6.74E-04	7.42E-03	1.10E-03	5.46E+00	7.89E-09	1.27E-07	1.16E+01	4.93E-01	1.49E-03	4.94E-02	1.80E-02	2.03E-01	3.26E+01	7.47E-01	1.93E-07	8.22E-08	3.04E-03	7.62E-05	5.25E-01	2.27E-01	3.43E+01	2.84E-03	3.43E+01	3.47E+01	8.03E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
MC163A	1.27E-02	1.05E+00	5.29E-03	1.05E+00	4.49E-07	0.00E+00	4.96E+02	1.85E-04	7.84E-04	8.52E-03	1.14E-03	6.29E+00	1.41E-08	1.43E-07	1.40E+01	5.72E-01	1.56E-03	5.02E-02	1.82E-02	2.09E-01	3.39E+01	7.95E-01	1.94E-07	8.50E-08	3.36E-03	7.64E-05	5.77E-01	2.56E-01	3.54E+01	2.99E-03	3.54E+01	3.61E+01	8.12E-01	0.00E+00	0.00E+00	0.00E+00	7.85E-01
MC201A	1.63E-02	1.75E+00	-1.55E-02	1.80E+00	1.22E-06	0.00E+00	1.06E+03	7.33E-05	1.28E-03	1.34E-02	2.12E-03	2.26E+00	1.72E-08	7.11E-08	4.93E+00	2.16E-01	2.87E-03	9.76E-02	2.32E-02	3.39E-01	6.93E+01	1.98E+00	3.04E-07	1.04E-07	5.02E-03	1.30E-04	4.53E-01	5.51E-01	7.15E+01	3.97E-03	7.15E+01	7.27E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01
MC202A	1.63E-02	1.76E+00	-1.71E-02	1.80E+00	1.18E-06	0.00E+00	1.06E+03	7.61E-05	1.28E-03	1.34E-02	2.12E-03	2.27E+00	1.73E-08	7.32E-08	4.98E+00	2.27E-01	2.87E-03	9.76E-02	2.32E-02	3.39E-01	6.91E+01	1.98E+00	3.04E-07	1.04E-07	5.02E-03	1.29E-04	4.49E-01	5.51E-01	7.12E+01	3.96E-03	7.12E+01	7.26E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-01
MC203A	1.61E-02	1.74E+00	-1.50E-02	1.77E+00	1.24E-06	0.00E+00	1.06E+03	1.32E-04	1.26E-03	1.32E-02	2.12E-03	4.36E+00	1.91E-08	1.21E-07	9.17E+00	3.23E-01	2.87E-03	9.76E-02	2.39E-02	3.39E-01	6.93E+01	1.99E+00	2.97E-07	1.03E-07	4.91E-03	1.23E-04	5.48E-01	5.51E-01	7.15E+01	3.96E-03	7.15E+01	7.26E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MC204A	1.64E-02	1.75E+00	-1.52E-02	1.80E+00	1.22E-06	0.00E+00	1.06E+03	1.06E-04	1.28E-03	1.34E-02	2.12E-03	4.26E+00	1.82E-08	1.23E-07	8.74E+00	2.81E-01	2.87E-03	9.76E-02	2.38E-02	3.39E-01	6.93E+01	1.98E+00	3.03E-07	1.05E-07	5.02E-03	1.30E-04	5.37E-01	5.52E-01	7.15E+01	3.97E-03	7.15E+01	7.27E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MC206A	1.21E-02	1.65E+00	-2.41E-02	1.69E+00	1.14E-06	0.00E+00	1.57E+03	5.16E-05	1.19E-03	1.24E-02	1.83E-03	2.19E+00	1.80E-08	6.10E-08	4.47E+00	1.05E-01	2.49E-03	9.25E-02	1.34E-02	2.43E-01	7.02E+01	2.23E+00	2.48E-07	7.21E-08	4.15E-03	1.04E-04	2.69E-01	6.17E-01	7.21E+01	2.34E-04	7.21E+01	7.27E+01	6.51E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01

MC210A	9.13E-03	1.35E+00	-2.36E-02	1.37E+00	1.12E-06	0.00E+00	1.51E+03	5.00E-05	1.07E-03	1.09E-02	1.62E-03	2.16E+00	1.67E-08	5.65E-08	4.38E+00	1.05E-01	2.20E-03	6.97E-02	1.38E-02	1.53E-01	5.00E+01	2.07E+00	1.56E-07	5.93E-08	3.35E-03	6.16E-05	2.59E-01	5.98E-01	5.14E+01	1.27E-04	5.14E+01	5.18E+01	6.57E-01	0.00E+00	0.00E+00	0.00E+00	5.93E-01
MC210P	9.94E-03	1.55E+00	-2.17E-02	1.56E+00	5.69E-08	0.00E+00	1.69E+03	5.20E-05	1.21E-03	1.30E-02	1.65E-03	2.21E+00	1.53E-08	5.96E-08	4.34E+00	1.03E-01	2.23E-03	7.54E-02	1.21E-02	2.53E-01	5.01E+01	2.22E+00	1.51E-07	6.41E-08	4.02E-03	1.02E-04	3.76E-01	4.39E-01	5.36E+01	1.36E-04	5.36E+01	5.45E+01	8.12E-01	0.00E+00	0.00E+00	0.00E+00	5.15E-01
MC213A	1.29E-02	1.75E+00	-2.35E-02	1.79E+00	1.09E-06	0.00E+00	1.57E+03	5.78E-05	1.24E-03	1.28E-02	1.85E-03	2.61E+00	1.75E-08	7.57E-08	5.76E+00	1.14E-01	2.50E-03	9.55E-02	1.85E-02	2.59E-01	7.22E+01	2.28E+00	2.52E-07	8.19E-08	4.25E-03	1.07E-04	3.27E-01	6.12E-01	7.42E+01	2.21E-04	7.42E+01	7.49E+01	7.54E-01	0.00E+00	0.00E+00	0.00E+00	8.04E-01
MC216A	1.31E-02	1.70E+00	-2.18E-02	1.73E+00	1.10E-06	0.00E+00	1.53E+03	5.68E-05	1.17E-03	1.23E-02	1.84E-03	2.66E+00	1.72E-08	7.67E-08	5.78E+00	1.10E-01	2.50E-03	9.33E-02	1.80E-02	2.47E-01	7.02E+01	2.20E+00	2.52E-07	8.23E-08	4.18E-03	1.06E-04	3.14E-01	5.32E-01	7.24E+01	2.18E-04	7.24E+01	7.33E+01	6.93E-01	0.00E+00	0.00E+00	0.00E+00	7.77E-01
MC220A	9.96E-03	1.71E+00	-1.45E-02	1.71E+00	1.15E-06	0.00E+00	1.00E+03	5.14E-05	9.11E-04	9.84E-03	1.59E-03	2.98E+00	1.48E-08	7.27E-08	6.05E+00	1.15E-01	2.10E-03	8.05E-02	1.51E-02	1.95E-01	6.17E+01	1.60E+00	1.62E-07	6.43E-08	3.47E-03	8.56E-05	3.00E-01	3.71E-01	6.36E+01	1.61E-04	6.36E+01	6.38E+01	6.72E-01	0.00E+00	0.00E+00	0.00E+00	6.43E-01
MC225A	1.47E-02	1.69E+00	-1.52E-02	1.70E+00	8.70E-07	0.00E+00	1.20E+03	5.35E-05	1.09E-03	1.17E-02	1.83E-03	3.64E+00	1.51E-08	8.77E-08	7.82E+00	1.10E-01	2.41E-03	9.57E-02	2.13E-02	2.66E-01	7.19E+01	1.89E+00	2.57E-07	9.49E-08	4.47E-03	1.09E-04	3.26E-01	3.96E-01	7.38E+01	2.61E-04	7.38E+01	7.48E+01	8.02E-01	0.00E+00	0.00E+00	0.00E+00	9.10E-01
MC232A	1.75E-02	1.71E+00	-1.26E-02	1.72E+00	1.21E-06	0.00E+00	9.50E+02	2.69E-04	1.28E-03	1.37E-02	2.09E-03	6.76E+00	3.64E-07	1.77E-07	1.42E+01	6.20E-01	2.84E-03	9.87E-02	2.58E-02	3.39E-01	6.29E+01	1.82E+00	2.99E-07	1.13E-07	5.06E-03	1.27E-04	7.08E-01	5.49E-01	6.50E+01	3.89E-03	6.50E+01	6.61E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MC240A	1.93E-02	1.72E+00	-1.10E-02	1.74E+00	1.24E-06	0.00E+00	9.36E+02	2.91E-04	1.30E-03	1.38E-02	2.10E-03	7.04E+00	3.64E-07	1.91E-07	1.52E+01	7.52E-01	2.84E-03	9.87E-02	2.68E-02	3.48E-01	6.28E+01	1.81E+00	3.48E-07	1.21E-07	5.18E-03	1.30E-04	7.33E-01	5.48E-01	6.43E+01	3.93E-03	6.43E+01	6.59E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MC250A	2.30E-02	1.82E+00	6.89E-03	1.83E+00	1.22E-06	0.00E+00	9.40E+02	2.78E-04	1.41E-03	1.52E-02	2.20E-03	1.04E+01	1.65E-08	2.47E-07	2.21E+01	8.28E-01	2.97E-03	9.80E-02	3.39E-02	3.86E-01	6.24E+01	1.81E+00	3.24E-07	1.57E-07	5.81E-03	1.61E-04	9.27E-01	5.64E-01	6.48E+01	4.24E-03	6.48E+01	6.64E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MC263A	2.54E-02	1.82E+00	7.36E-03	1.83E+00	1.21E-06	0.00E+00	9.40E+02	2.95E-04	1.42E-03	1.54E-02	2.18E-03	1.18E+01	1.66E-08	2.62E-07	2.43E+01	8.60E-01	2.94E-03	9.79E-02	3.77E-02	3.93E-01	6.24E+01	1.81E+00	3.90E-07	1.66E-07	5.82E-03	1.64E-04	9.94E-01	5.58E-01	6.39E+01	4.30E-03	6.39E+01	6.61E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MC301A	2.53E-02	3.00E+00	-2.11E-02	3.07E+00	2.00E-06	0.00E+00	1.32E+03	8.24E-05	1.92E-03	2.06E-02	3.18E-03	2.37E+00	2.41E-08	8.83E-08	5.23E+00	2.31E-01	4.30E-03	1.46E-01	3.53E-02	5.68E-01	1.04E+02	2.70E+00	4.32E-07	1.61E-07	7.91E-03	2.24E-04	7.62E-01	7.68E-01	1.06E+02	6.50E-03	1.06E+02	1.05E+02	1.87E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MC302A	2.56E-02	3.00E+00	-2.09E-02	3.07E+00	2.03E-06	0.00E+00	1.32E+03	1.52E-04	1.92E-03	2.06E-02	3.18E-03	4.63E+00	2.69E-08	1.67E-07	9.72E+00	3.69E-01	4.30E-03	1.46E-01	3.57E-02	5.69E-01	1.04E+02	2.70E+00	4.33E-07	1.62E-07	8.00E-03	2.24E-04	8.16E-01	7.68E-01	1.06E+02	6.49E-03	1.06E+02	1.05E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MC303A	2.56E-02	2.99E+00	-2.02E-02	3.06E+00	2.06E-06	0.00E+00	1.32E+03	1.86E-04	1.92E-03	2.06E-02	3.16E-03	7.69E+00	2.59E-08	1.87E-07	1.59E+01	4.93E-01	4.28E-03	1.46E-01	3.57E-02	5.63E-01	1.04E+02	2.70E+00	3.98E-07	1.62E-07	7.98E-03	2.06E-04	8.56E-01	7.60E-01	1.06E+02	6.50E-03	1.06E+02	1.05E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MC304A	2.56E-02	2.99E+00	-1.94E-02	3.06E+00	2.07E-06	0.00E+00	1.33E+03	1.67E-04	1.90E-03	2.02E-02	3.16E-03	6.92E+00	2.58E-08	1.87E-07	1.47E+01	4.01E-01	4.28E-03	1.46E-01	3.56E-02	5.55E-01	1.04E+02	2.70E+00	3.97E-07	1.56E-07	7.59E-03	2.00E-04	8.53E-01	7.60E-01	1.06E+02	6.10E-03	1.06E+02	1.05E+02	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MC306A	1.79E-02	2.99E+00	-3.30E-02	3.04E+00	1.77E-06	0.00E+00	2.06E+03	7.51E-05	1.77E-03	1.85E-02	2.68E-03	2.71E+00	2.38E-08	9.62E-08	5.98E+00	1.56E-01	3.64E-03	1.43E-01	2.61E-02	3.59E-01	1.06E+02	3.12E+00	3.70E-07	1.14E-07	6.16E-03	1.58E-04	4.35E-01	7.09E-01	1.09E+02	3.77E-04	1.09E+02	1.10E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MC310A	2.01E-02	3.10E+00	-3.79E-02	3.12E+00	1.97E-06	0.00E+00	2.08E+03	7.73E-05	1.80E-03	1.90E-02	2.72E-03	3.56E+00	2.45E-08	1.13E-07	7.58E+00	1.57E-01	3.68E-03	1.43E-01	2.72E-02	3.70E-01	1.08E+02	3.17E+00	4.18E-07	1.28E-07	6.68E-03	1.63E-04	4.87E-01	8.24E-01	1.10E+02	3.63E-04	1.10E+02	1.12E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MC310P	1.58E-02	2.21E+00	-2.47E-02	2.25E+00	1.11E-06	0.00E+00	1.76E+03	8.70E-05	1.77E-03	1.85E-02	2.47E-03	2.74E+00	2.14E-08	9.44E-08	5.96E+00	1.72E-01	3.34E-03	1.07E-01	2.13E-02	3.36E-01	7.59E+01	2.99E+00	2.92E-07	1.02E-07	6.04E-03	1.42E-04	5.53E-01	6.57E-01	7.60E+01	2.40E-04	7.60E+01	7.78E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-01
MC313A	2.03E-02	3.09E+00	-3.23E-02	3.12E+00	1.97E-06	0.00E+00	2.09E+03	7.82E-05	1.82E-03	1.90E-02	2.81E-03	4.19E+00	2.45E-08	1.10E-07	8.73E+00	1.58E-01	3.80E-03	1.43E-01	2.73E-02	3.78E-01	1.08E+02	3.18E+00	3.82E-07	1.28E-07	6.58E-03	1.64E-04	4.74E-01	7.13E-01	1.11E+02	3.64E-04	1.11E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MC316A	1.36E-02	1.88E+00	-2.20E-02	1.90E+00	2.14E-06	0.00E+00	1.27E+03	6.59E-05	1.23E-03	1.34E-02	2.34E-03	3.36E+00	2.03E-08	9.05E-08	7.39E+00	1.51E-01	3.10E-03	1.02E-01	2.06E-02	2.22E-01	6.93E+01	2.25E+00	2.42E-07	9.06E-08	4.83E-03	9.36E-05	3.71E-01	4.87E-01	7.11E+01	2.09E-04	7.11E+01	7.27E+01	9.87E-01	0.00E+00	0.00E+00	0.00E+00	8.94E-01
MC316P	1.60E-02	2.21E+00	-2.48E-02	2.26E+00	1.11E-06	0.00E+00	1.75E+03	1.13E-04	1.78E-03	1.86E-02	2.47E-03	5.07E+00	2.28E-08	1.19E-07	1.03E+01	2.21E-01	3.34E-03	1.08E-01	2.08E-02	3.36E-01	7.60E+01	2.97E+00	2.94E-07	1.02E-07	6.08E-03	1.42E-04	6.99E-01	6.56E-01	7.60E+01	2.44E-04	7.60E+01	7.78E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-01
MC320A	2.08E-02	2.57E+00	-3.02E-02	2.60E+00	1.93E-06	0.00E+00	2.07E+03	7.61E-05	1.58E-03	1.70E-02	2.80E-03	4.50E+00	2.19E-08	1.18E-07	9.46E+00	1.51E-01	3.80E-03	1.43E-01	2.82E-02	3.84E-01	1.08E+02	2.91E+00	3.82E-07	1.30E-07	6.54E-03	1.65E-04	4.83E-01	6.39E-01	1.11E+02	3.56E-04	1.11E+02	1.12E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MC325A	2.19E-02	2.51E+00	-2.22E-02	2.55E+00	1.60E-06	0.00E+00	1.41E+03	6.76E-05	1.46E-03	1.62E-02	2.86E-03	5.40E+00	2.13E-08	1.31E-07	1.14E+01	1.46E-01	3.88E-03	1.43E-01	2.92E-02	3.93E-01	1.08E+02	2.64E+00	3.80E-07	1.37E-07	6.65E-03	1.65E-04	4.70E-01	5.00E-01	1.11E+02	4.00E-04	1.11E+02	1.12E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
MC332A	2.92E-02	2.45E+00	-6.38E-03	2.45E+00	2.10E-06	0.00E+00	7.60E+02	4.30E-04	1.68E-03	1.86E-02	3.17E-03	1.08E+01	4.28E-07	3.08E-07	2.27E+01	1.13E+00	4.29E-03	1.47E-01	4.15E-02	5.50E-01	9.27E+01	2.01E+00	4.82E-07	1.91E-07	7.99E-03	2.31E-04	1.10E+00	5.05E-01	9.43E+01	6.58E-03	9.43E+01	9.79E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MC340A	3.15E-02	3.22E+00	-9.16E-03	3.23E+00	2.12E-06	0.00E+00	1.07E+03	4.24E-04	2.04E-03	2.19E-02	3.14E-03	1.05E+01	5.02E-07	2.99E-07	2.28E+01	1.11E+00	4.24E-03	1.47E-01	4.30E-02	5.81E-01	9.29E+01	2.74E+00	5.48E-07	1.99E-07	8.49E-03	2.08E-04	1.18E+00	7.69E-01	9.52E+01	6.01E-03	9.52E+01	9.76E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
MC350A	3.80E-02	3.50E+00	8.90E-03	3.50E+00	2.25E-06	0.00E+00	1.07E+03	4.40E-04	2.21E-03	2.43E-02	3.30E-03	1.81E+01	2.54E-08	4.08E-07	3.82E+01	1.25E+00	4.47E-03	1.39E-01	5.16E-02	6.35E-01	9.14E+01	2.72E+00	5.61E-07	2.52E-07	9.94E-03	2.49E-04	1.57E+00	7.81E-01	9.35E+01	6.76E-03	9.35E+01	9.59E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MC363A	3.97E-02	3.50E+00	9.11E-03	3.50E+00	2.25E-06	0.00E+00	1.07E+03	4.40E-04	2.24E-03	2.46E-02	3.31E-03	1.84E+01	2.63E-08	4.12E-07	3.88E+01	1.25E+00	4.49E-03	1.39E-01	5.40E-02	6.66E-01	9.15E+01	2.72E+00	5.88E-07	2.64E-07	1.00E-02	2.51E-04	1.61E+00	7.82E-01	9.37E+01	6.77E-03	9.37E+01	9.60E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+00
MC400A	3.17E-02	2.52E+00	-1.41E-02	2.54E+00	2.30E-06	0.00E+00	9.41E+02	1.65E-04	1.77E-03	1.98E-02	4.10E-03	4.69E+00	2.46E-08	1.55E-07	9.47E+00	3.95E-01	5.57E-03	1.49E-01	4.04E-02	5.93E-01	1.09E+02	2.41E+00	4.95E-07	2.03E-07	9.52E-03	2.43E-04	8.96E-01	6.54E-01	1.11E+02	6.81E-03	1.11E+02	1.10E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MC406A	2.43E-02	3.05E+00	-4.54E-02	3.14E+00	2.27E-06	0.00E+00	2.22E+03	8.87E-05	2.05E-03	2.20E-02	3.73E-03	4.30E+00	2.68E-08	1.31E-07	1.03E+01	2.16E-01	5.04E-03	1.47E-01	3.59E-02	4.92E-01	1.12E+02	3.45E+00	6.60E-07	1.61E-07	8.32E-03	2.18E-04	6.24E-01	1.13E+00	1.15E+02	4.72E-04	1.15E+02	1.16E+02	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MC410A	2.45E-02	3.20E+00	-4.53E-02	3.25E+00	2.23E-06	0.00E+00	2.23E+03	9.64E-05	2.04E-03	2.20E-02	3.72E-03	6.65E+00	2.74E-08	1.58E-07	1.45E+01	2.23E-01	5.04E-03	1.48E-01	3.64E-02	5.02E-01	1.13E+02	3.47E+00	6.70E-07	1.63E-07	8.17E-03	2.19E-04	6.49E-01	1.13E+00	1.16E+02	4.81E-04	1.16E+02	1.17E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MC413A	2.49E-02	3.21E+00	-4.16E-02	3.26E+00	2.23E-06	0.00E+00	2.23E+03	9.69E-05	2.19E-03	2.36E-02	3.80E-03	6.71E+00	2.75E-08	1.61E-07	1.47E+01	2.23E-01	5.15E-03	1.48E-01	3.65E-02	5.05E-01	1.13E+02	3.48E+00	6.71E-07	1.66E-07	8.91E-03	2.22E-04	6.56E-01	1.14E+00	1.16E+02	5.06E-04	1.16E+02	1.17E+02	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MC416A	2.48E-02	2.91E+00	-4.48E-02	2.96E+00	2.28E-06	0.00E+00	2.13E+03	9.33E-05	1.92E-03	2.06E-02	3.31E-03	5.19E+00	3.01E-08	1.31E-07	1.17E+01	2.21E-01	4.51E-03	1.24E-01	3.20E-02	4.79E-01	1.04E+02	3.26E+00	6.12E-07	1.59E-07	8.27E-03	2.18E-04	6.17E-01	1.11E+00	1.08E+02	3.78E-04	1.08E+02	1.08E+02	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
MC420A	2.48E-02	3.24E+00	-3.47E-02	3.28E+00	2.15E-06	0.00E+00	2.23E+03	1.00E-04	2.16E-03	2.32E-02	3.80E-03	6.72E+00	2.84E-08	1.63E-07	1.40E+01	2.20E-01	5.15E-03	1.48E-01	3.86E-02	5.12E-01	1.11E+02	3.48E+00	5.06E-07	1.65E-07	8.68E-03	2.19E-04	6.58E-01	8.70E-01	1.15E+02	5.18E-04	1.15E+02	1.15E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MC425A	2.91E-02	2.52E+00	-2.45E-02	2.55E+00	2.07E-06	0.00E+00	1.42E+03	2.82E-04	1.74E-03	1.94E-02	3.93E-03	8.72E+00	2.41E-08	2.17E-07	1.95E+01	7.69E-01	5.33E-03	1.48E-01	4.15E-02	5.19E-01	1.11E+02	2.67E+00	5.13E-07	1.80E-07	8.91E-03	2.32E-04	7.88E-01	6.31E-01	1.14E+02	1.98E-03	1.14E+02	1.15E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MC432A	3.59E-02	3.29E+00	-1.05E-02	3.33E+00	2.54E-06	0.00E+00	1.11E+03	5.55E-04	2.32E-03	2.51E-02	4.19E-03	1.25E+01	5.91E-07	3.58E-07	2.73E+01	1.44E+00	5.67E-03	1.50E-01	5.04E-02	6.69E-01	9.79E+01	2.86E+00	5.91E-07	2.30E-07	1.02E-02	2.61E-04	1.42E+00	9.21E-01	9.98E+01	7.23E-03	9.98E+01	1.02E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
MC440A	3.82E-02	3.39E+00	-1.04E-02	3.36E+00	2.53E-06	0.00E+00	1.11E+03	5.55E-04	2.35E-03	2.56E-02	4.23E-03	1.30E+01	5.92E-07	3.71E-07	2.77E+01	1.44E+00	5.74E-03	1.50E-01	5.29E-02	6.90E-01	9.98E+01	2.88E+00	7.12E-07	2.45E-07	1.04E-02	2.62E-04	1.44E+00	9.21E-01	1.01E+02	7.20E-03	1.01E+02	1.04E+02	2.43E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
MC450A	5.00E-02	3.49E+00	1.18E-02	3.51E+00	2.50E-06	0.00E+00	1.11E+03	5.84E-04	2.58E-03	2.85E-02	4.35E-03	2.27E+01	2.98E-08	5.30E-07	4.69E+01	1.64E+00	5.90E-03	1.43E-01	6.84E-02	8.10E-01	9.65E+01	2.85E+00	7.34E-07	3.21E-07	1.18E-02	3.25E-04	1.94E+00	9.33E-01	9.89E+01	7.96E-03	9.89E+01	1.02E+02	2.86E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00
MC463A	5.09E-02	3.54E+00	1.18E-02	3.51E+00	2.53E-06	0.00E+00	1.11E+03	5.84E-04	2.59E-03	2.86E-02	4.37E-03	2.31E+01	3.10E-08	5.46E-07	4.73E+01	1.64E+00	5.92E-03	1.43E-01	6.87E-02	8.63E-01	9.77E+01	2.86E+00	8.12E-07	3.36E-07	1.20E-02	3.26E-04	1.98E+00	1.04E+00	9.90E+01	7.93E-03	9.90E+01	1.04E+02	2.91E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
MC506A	1.23E-02	1.65E+00	-2.36E-02	1.70E+00	1.06E-06	0.00E+00	1.63E+03	5.96E-05	1.20E-03	1.26E-02	1.84E-03	2.60E+00	1.77E-08	5.88E-08	5.22E+00	1.24E-01	2.49E-03	9.32E-02	1.65E-02	2.38E-01	6.98E+01	2.30E+00	2.49E-07	7.22E-08	4.12E-03	1.04E-04	2.60E-01	6.18E-01	7.17E+01	2.50E-04	7.17E+01	7.31E+01	6.50E-01	0.00E+00	0.00E+00	0.00E+00	7.06E-01
MC510A	1.25E-02	1.65E+00	-2.37E-02	1.70E+00	1.05E-06	0.00E+00	1.63E+03	6.27E-05	1.21E-03	1.26E-02	1.84E-03	3.33E+00	1.83E-08	8.31E-08	6.40E+00	1.35E-01	2.49E-03	9.32E-02	1.75E-02	2.47E-01	6.99E+01	2.30E+00	2.50E-07	7.27E-08	4.12E-03	1.06E-04	3.32E-01	6.19E-01	7.17E+01	2.47E-04	7.17E+01	7.30E+01	7.03E-01	0.00E+00	0.00E+00	0.00E+00	7.43E-01
MC513A	1.34E-02	1.75E+00	-2.30E-02	1.78E+00	8.27E-07	0.00E+00	1.64E+03	7.00E-05	1.25E-03	1.29E-02	1.84E-03	3.59E+00	2.19E-08	8.69E-08	7.29E+00	1.57E-01	2.50E-03	9.56E-02	1.92E-02	2.60E-01	7.19E+01	2.33E+00	2.54E-07	8.56E-08	4.30E-03	1.08E-04	3.70E-01	6.12E-01	7.38E+01	2.47E-04	7.38E+01	7.48E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	8.34E-01
MC516A	1.38E-02	1.76E+00	-2.07E-02	1.78E+00	8.28E-07	0.00E+00	1.63E+03	6.80E-05	1.25E-03	1.29E-02	1.84E-03	3.69E+00	1.76E-08	8.89E-08	7.48E+00	1.50E-01	2.50E-03	9.59E-02	1.99E-02	2.58E-01	7.19E+01	2.33E+00	2.56E-07	8.94E-08	4.30E-03	1.07E-04	3.61E-01	5.36E-01	7.36E+01	2.53E-04	7.36E+01	7.48E+01	7.76E-01	0.00E+00	0.00E+00	0.00E+00	8.63E-01
MC520A	1.44E-02	1.73E+00	-1.92E-02	1.75E+00	8.38E-07	0.00E+00	1.62E+03	1.16E-04	1.20E-03	1.26E-02	1.88E-03	4.22E+00	1.77E-07	9.95E-08	8.75E+00	2.18E-01	2.56E-03	9.57E-02	2.15E-02	2.65E-01	7.07E+01	2.25E+00	2.59E-07	9.58E-08	4.49E-03	1.09E-04	4.14E-01	5.34E-01	7.29E+01	2.80E-04	7.29E+01	7.38E+01	8.97E-01	0.00E+00	0.00E+00	0.00E+00	9.21E-01
MC525A	1.52E-02	1.69E+00	-1.38E-02	1.69E+00	8.03E-07	0.00E+00	1.20E+03	1.17E-04	1.10E-03	1.17E-02	1.83E-03	4.44E+00	1.75E-07	1.03E-07	9.49E+00	2.17E-01	2.42E-03	9.57E-02	2.19E-02	2.69E-01	7.06E+01	1.89E+00	2.60E-07	9.79E-08	4.53E-03	1.11E-04	4.15E-01	3.99E-01	7.24E+01	2.99E-04	7.24E+01	7.35E+01	8.94E-01	0.00E+00	0.00E+00	0.00E+00	9.37E-01
MC532A	1.79E-02	1.72E+00	-1.27E-02	1.75E+00	1.17E-06	0.00E+00	9.49E+02	2.77E-04	1.29E-03	1.37E-02	2.09E-03	6.83E+00	3.63E-07	1.83E-07	1.46E+01	6.61E-01	2.84E-03	9.87E-02	2.56E-02	3.24E-01	6.28E+01	1.84E+00	2.99E-07	1.14E-07	5.04E-03	1.27E-04	7.32E-01	5.49E-01	6.49E+01	3.89E-03	6.49E+01	6.62E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MC540A	1.97E-02	1.90E+00	-1.14E-02	1.95E+00	1.20E-06	0.00E+00	9.53E+02	2.91E-04	1.42E-03	1.48E-02	2.11E-03	9.00E+00	3.72E-07	2.03E-07	1.81E+01	7.53E-01	2.86E-03	9.87E-02	2.72E-02	3.49E-01	6.30E+01	2.06E+00	3.54E-07	1.24E-07	5.26E-03	1.38E-04	7.87E-01	5.90E-01	6.43E+01	3.98E-03	6.43E+01	6.59E+01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MC563A	2.54E-02	2.00E+00	7.85E-03	2.04E+00	1.18E-06	0.00E+00	9.58E+02	3.04E-04	1.56E-03	1.66E-02	2.22E-03	1.23E+01	1.94E-08	2.80E-07	2.56E+01	8.71E-01	3.00E-03	9.84E-02	3.81E-02	4.03E-01	6.24E+01	2.09E+00	3.91E-07	1.67E-07	5.91E-03	1.67E-04	1.09E+00	6.61E-01	6.36E+01	4.46E-03	6.36E+01	6.58E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MCA103	8.51E-03	9.70E-01	-9.09E-03	9.53E-01	9.41E-07	0.00E+00	6.94E+02	5.01E-05	7.19E-04	7.56E-03	1.01E-03	2.20E+00	1.27E-08	5.65E-08	4.20E+00	1.60E-01	1.37E-03	4.27E-02	1.14E-02	1.73E-01	2.97E+01	1.06E+00	1.12E-07	5.58E-08	2.89E-03	6.06E-05	3.36E-01	2.55E-01	3.04E+01	3.90E-04	3.04E+01	3.10E+01	6.71E-01	0.00E+00	0.00E+00	0.00E+00	4.91E-01
MCA104	8.49E-03	9.70E-01	-8.86E-03	9.53E-01	9.42E-07	0.00E+00	6.95E+02	5.04E-05	7.20E-04	7.59E-03	1.01E-03	2.20E+00	1.27E-08	5.66E-08	4.24E+00	1.63E-01	1.38E-03	4.27E-02	1.15E-02	1.73E-01	2.96E+01	1.06E+00	1.12E-07	5.62E-08	2.90E-03	6.02E-05	3.43E-01	2.55E-01	3.04E+01	3.84E-04	3.04E+01	3.10E+01	6.79E-01	0.00E+00	0.00E+00	0.00E+00	4.92E-01
MCA140	1.13E-02	9.70E-01	-2.05E-03	9.53E-01	9.92E-07	0.00E+00	6.18E+02	1.23E-04	7.38E-04	7.81E-03	1.09E-03	5.09E+00	1.51E-08	1.27E-07	1.07E+01	3.20E-01	1.49E-03	4.34E-02	1.62E-02	1.80E-01	2.99E+01	1.06E+00	1.16E-07	7.23E-08	3.08E-03	6.54E-05	4.91E-01	2.62E-01	3.06E+01	4.84E-04	3.06E+01	3.17E+01	7.72E-01	0.00E+00	0.00E+00	0.00E+00	7.03E-01
MCA150	1.10E-02	9.69E-01	-1.15E-03	9.55E-01	9.53E-07	0.00E+00	4.61E+02	1.32E-04	7.13E-04	8.02E-03	1.03E-03	4.76E+00	2.28E-08	1.08E-07	9.88E+00	3.87E-01	1.41E-03	4.47E-02	1.52E-02	1.80E-01	3.26E+01	1.05E+00	1.27E-07	7.03E-08	3.21E-03	7.07E-05	5.15E-01	2.39E-01	3.34E+01	1.32E-03	3.34E+01	3.44E+01	7.62E-01	0.00E+00	0.00E+00	0.00E+00	6.46E-01
MCA163	1.23E-02	9.42E-01	1.22E-03	9.32E-01	9.71E-07	0.00E+00	4.78E+02	1.49E-04	7.28E-04	7.77E-03	1.05E-03	5.88E+00	2.14E-08	1.43E-07	1.24E+01	4.07E-01	1.42E-03	4.35E-02	1.87E-02	1.79E-01	2.84E+01	1.04E+00	1.14E-07	8.01E-08	3.10E-03	6.53E-05	5.83E-01	2.45E-01	2.94E+01	5.21E-04	2.94E+01	3.04E+01	8.00E-01	0.00E+00	0.00E+00	0.00E+00	7.93E-01
MCA202	1.48E-02	1.91E+00	-2.08E-02	1.94E+00	1.47E-06	0.00E+00	1.47E+03	1.03E-04	1.38E-03	1.47E-02	1.98E-03	4.66E+00	2.90E-08	1.35E-07	9.99E+00	2.56E-01	2.70E-03	7.72E-02	2.09E-02	3.08E-01	6.54E+01	2.44E+00	1.82E-07	9.49E-08	5.65E-03	1.22E-04	5.81E-01	6.32E-01	6.79E+01	6.59E-04	6.79E+01	6.80E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-01
MCA204	1.58E-02	1.94E+00	-1.23E-02	1.96E+00	1.52E-06	0.00E+00	9.35E+02	9.81E-05	1.36E-03	1.45E-02	2.12E-03	4.09E+00	3.00E-08	1.42E-07	8.21E+00	2.54E-01	2.88E-03	8.78E-02	2.50E-02	4.59E-01	7.25E+01	2.20E+00	1.80E-07	1.05E-07	5.35E-03	1.53E-04	8.20E-01	4.73E-01	7.47E+01	8.97E-04	7.47E+01	7.60E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MCA206	1.24E-02	1.75E+00	-1.46E-02	1.77E+00	1.51E-06	0.00E+00	8.63E+02	7.62E-05	1.19E-03	1.25E-02	2.02E-03	3.22E+00	2.30E-08	1.15E-07	6.39E+00	1.89E-01	2.73E-03	8.51E-02	1.99E-02	3.33E-01	6.97E+01	2.06E+00	1.71E-07	8.39E-08	4.67E-03	1.36E-04	6.14E-01	4.62E-01	7.17E+01	8.82E-04	7.17E+01	7.28E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-01
MCA210	1.22E-02	1.67E+00	-1.52E-02	1.68E+00	1.51E-06	0.00E+00	1.20E+03	7.72E-05	1.11E-03	1.20E-02	1.93E-03	3.52E+00	2.46E-08	8.46E-08	7.02E+00	1.89E-01	2.61E-03	8.43E-02	1.85E-02	3.21E-01	6.74E+01	1.95E+00	1.72E-07	8.17E-08	4.41E-03	1.36E-04	5.29E-01	4.53E-01	6.94E+01	8.86E-04	6.94E+01	7.04E+01	9.82E-01	0.00E+00	0.00E+00	0.00E+00	7.96E-01
MCA216	1.28E-02	1.68E+00	-1.48E-02	1.69E+00	1.51E-06	0.00E+00	1.20E+03	7.73E-05	1.12E-03	1.22E-02	1.95E-03	3.92E+00	2.47E-08	9.18E-08	7.93E+00	1.89E-01	2.65E-03	8.44E-02	1.92E-02	3.17E-01	6.78E+01	1.95E+00	1.75E-07	8.52E-08	4.50E-03	1.33E-04	5.51E-01	4.56E-01	6.97E+01	8.90E-04	6.97E+01	7.07E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-01
MCA220	1.44E-02	1.73E+00	-1.15E-02	1.74E+00	1.54E-06	0.00E+00	1.20E+03	1.29E-04	1.18E-03	1.29E-02	2.03E-03	5.14E+00	2.56E-08	1.18E-07	1.06E+01	3.46E-01	2.74E-03	8.63E-02	2.22E-02	3.31E-01	6.75E+01	1.96E+00	1.84E-07	9.50E-08	4.78E-03	1.38E-04	6.28E-01	4.63E-01	6.95E+01	9.06E-04	6.95E+01	7.06E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-01
MCA225	1.42E-02	1.70E+00	-1.15E-02	1.71E+00	1.54E-06	0.00E+00	1.20E+03	1.29E-04	1.10E-03	1.20E-02	2.03E-03	5.14E+00	2.56E-08	1.18E-07	1.06E+01	3.46E-01	2.74E-03	8.63E-02	2.22E-02	3.29E-01	6.72E+01	1.96E+00	1.84E-07	9.36E-08	4.56E-03	1.37E-04	6.28E-01	4.63E-01	6.91E+01	9.06E-04	6.91E+01	7.02E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-01
MCA232	1.83E-02	1.78E+00	-3.93E-03	1.79E+00	1.58E-06	0.00E+00	8.68E+02	2.01E-04	1.29E-03	1.38E-02	2.17E-03	7.88E+00	2.46E-08	2.07E-07	1.67E+01	5.67E-01	2.94E-03	8.93E-02	2.86E-02	3.39E-01	6.51E+01	2.07E+00	2.01E-07	1.20E-07	5.35E-03	1.45E-04	7.94E-01	4.77E-01	6.71E+01	9.89E-04	6.71E+01	6.84E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MCA240	2.35E-02	1.71E+00	5.65E-03	1.71E+00	1.64E-06	0.00E+00	8.73E+02	3.11E-04	1.29E-03	1.39E-02	2.20E-03	1.19E+01	2.62E-08	2.84E-07	2.53E+01	9.00E-01	2.98E-03	8.59E-02	3.48E-02	3.60E-01	5.53E+01	2.07E+00	2.23E-07	1.51E-07	5.64E-03	1.57E-04	1.02E+00	4.80E-01	5.73E+01	1.18E-03	5.73E+01	5.88E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MCA250	2.41E-02	1.75E+00	6.03E-03	1.74E+00	1.64E-06	0.00E+00	8.73E+02	3.11E-04	1.36E-03	1.47E-02	2.22E-03	1.22E+01	2.63E-08	2.90E-07	2.59E+01	9.00E-01	3.00E-03	8.58E-02	3.53E-02	3.52E-01	5.57E+01	2.07E+00	2.25E-07	1.53E-07	5.87E-03	1.58E-04	1.04E+00	4.82E-01	5.78E+01	1.18E-03	5.78E+01	5.93E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MCA263	2.46E-02	1.77E+00	6.03E-03	1.77E+00	1.64E-06	0.00E+00	8.73E+02	3.10E-04	1.38E-03	1.49E-02	2.23E-03	1.23E+01	2.77E-08	2.92E-07	2.61E+01	8.97E-01	3.02E-03	8.57E-02	3.59E-02	3.89E-01	5.62E+01	2.07E+00	2.26E-07	1.59E-07	5.96E-03	1.59E-04	1.07E+00	4.83E-01	5.83E+01	1.18E-03	5.83E+01	5.98E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MCA310	2.27E-02	3.03E+00	-3.44E-02	3.02E+00	2.27E-06	0.00E+00	1.87E+03	1.40E-04	1.84E-03	1.99E-02	2.77E-03	6.25E+00	3.59E-08	1.36E-07	1.28E+01	3.39E-01	3.78E-03	1.16E-01	2.30E-02	4.24E-01	9.60E+01	3.19E+00	2.88E-07	1.47E-07	7.66E-03	1.61E-04	8.19E-01	7.58E-01	9.96E+01	6.95E-04	9.96E+01	9.96E+01	1.63E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01
MCA316	2.38E-02	3.02E+00	-3.36E-02	3.02E+00	2.29E-06	0.00E+00	1.88E+03	1.49E-04	1.86E-03	2.01E-02	2.86E-03	6.89E+00	3.75E-08	1.40E-07	1.42E+01	3.64E-01	3.88E-03	1.16E-01	2.39E-02	4.38E-01	9.60E+01	3.44E+00	3.00E-07	1.56E-07	7.67E-03	1.62E-04	8.52E-01	7.62E-01	1.00E+02	7.08E-04	1.00E+02	9.95E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MCA320	2.49E-02	3.03E+00	-3.44E-02	3.03E+00	2.32E-06	0.00E+00	1.88E+03	1.39E-04	1.88E-03	2.05E-02	2.95E-03	6.75E+00	3.75E-08	1.40E-07	1.39E+01	3.48E-01	4.02E-03	1.16E-01	3.10E-02	5.96E-01	9.67E+01	3.45E+00	2.92E-07	1.62E-07	7.99E-03	1.92E-04	9.07E-01	7.65E-01	1.00E+02	7.21E-04	1.00E+02	1.01E+02	2.01E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+00
MCA325	2.57E-02	3.22E+00	-3.22E-02	3.23E+00	2.22E-06	0.00E+00	2.01E+03	1.59E-04	1.95E-03	2.14E-02	2.99E-03	8.91E+00	3.30E-08	2.00E-07	1.88E+01	3.23E-01	4.09E-03	1.29E-01	3.48E-02	5.31E-01	1.01E+02	3.32E+00	4.03E-07	1.74E-07	7.80E-03	1.97E-04	9.65E-01	7.40E-01	1.04E+02	6.51E-04	1.04E+02	1.04E+02	1.71E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MCA332	2.81E-02	3.00E+00	-2.98E-02	2.99E+00	2.23E-06	0.00E+00	1.91E+03	3.41E-04	1.90E-03	2.07E-02	3.13E-03	9.58E+00	3.74E-08	2.91E-07	2.04E+01	8.55E-01	4.25E-03	1.16E-01	3.91E-02	5.86E-01	9.65E+01	3.45E+00	3.25E-07	1.80E-07	8.17E-03	1.93E-04	1.14E+00	7.72E-01	1.01E+02	8.20E-04	1.01E+02	1.01E+02	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MCA340	3.01E-02	3.05E+00	-2.04E-02	3.05E+00	2.34E-06	0.00E+00	1.61E+03	2.63E-04	2.06E-03	2.30E-02	3.16E-03	1.07E+01	3.57E-08	2.35E-07	2.17E+01	7.41E-01	4.31E-03	1.28E-01	4.09E-02	5.80E-01	9.21E+01	2.77E+00	3.65E-07	2.23E-07	8.61E-03	2.13E-04	1.21E+00	7.98E-01	9.48E+01	5.36E-03	9.48E+01	9.77E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MCA350	3.12E-02	2.43E+00	-1.65E-02	2.42E+00	2.26E-06	0.00E+00	1.20E+03	3.58E-04	1.69E-03	1.89E-02	3.16E-03	1.17E+01	3.08E-08	3.08E-07	2.53E+01	8.83E-01	4.29E-03	1.15E-01	4.12E-02	5.86E-01	9.59E+01	2.31E+00	4.13E-07	1.95E-07	8.47E-03	2.31E-04	1.13E+00	5.39E-01	1.00E+02	8.49E-04	1.00E+02	1.01E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
MCA410	2.44E-02	3.33E+00	-1.87E-02	3.35E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.20E-03	2.38E-02	3.79E-03	7.04E+00	4.78E-08	1.69E-07	1.40E+01	3.77E-01	5.13E-03	1.69E-01	3.70E-02	6.34E-01	1.35E+02	3.90E+00	3.45E-07	1.63E-07	8.80E-03	2.69E-04	1.08E+00	7.53E-01	1.39E+02	1.81E-03	1.39E+02	1.40E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCA416	2.63E-02	3.17E+00	-2.88E-02	3.19E+00	2.38E-06	0.00E+00	2.34E+03	1.68E-04	2.26E-03	2.43E-02	3.86E-03	8.33E+00	4.29E-08	1.86E-07	1.68E+01	3.96E-01	5.27E-03	1.64E-01	3.83E-02	6.35E-01	1.26E+02	3.74E+00	3.62E-07	1.76E-07	9.07E-03	2.63E-04	1.08E+00	8.22E-01	1.29E+02	1.86E-03	1.29E+02	1.32E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MCA420	2.88E-02	3.46E+00	-1.12E-02	3.47E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.34E-03	2.56E-02	3.99E-03	1.03E+01	4.98E-08	2.36E-07	2.12E+01	6.91E-01	5.40E-03	1.73E-01	4.43E-02	6.54E-01	1.35E+02	3.91E+00	3.68E-07	1.89E-07	9.53E-03	2.73E-04	1.27E+00	7.73E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
MCA425	2.84E-02	3.40E+00	-1.12E-02	3.41E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.19E-03	2.39E-02	3.99E-03	1.03E+01	4.98E-08	2.36E-07	2.12E+01	6.91E-01	5.40E-03	1.73E-01	4.43E-02	6.51E-01	1.34E+02	3.91E+00	3.67E-07	1.86E-07	9.10E-03	2.71E-04	1.27E+00	7.73E-01	1.38E+02	1.85E-03	1.38E+02	1.40E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
MCA432	3.66E-02	3.57E+00	3.84E-03	3.56E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.57E-03	2.74E-02	4.28E-03	1.58E+01	4.77E-08	4.14E-07	3.33E+01	1.13E+00	5.80E-03	1.79E-01	5.72E-02	6.71E-01	1.30E+02	4.13E+00	4.01E-07	2.39E-07	1.07E-02	2.88E-04	1.61E+00	8.03E-01	1.34E+02	2.02E-03	1.34E+02	1.37E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
MCA440	3.98E-02	3.23E+00	-1.76E-02	3.25E+00	2.68E-06	0.00E+00	1.62E+03	5.70E-04	2.48E-03	2.71E-02	4.09E-03	2.05E+01	3.92E-08	4.17E-07	4.13E+01	1.37E+00	5.57E-03	1.73E-01	5.09E-02	6.58E-01	1.19E+02	2.88E+00	6.21E-07	2.70E-07	1.10E-02	2.62E-04	1.59E+00	9.53E-01	1.21E+02	5.39E-03	1.21E+02	1.27E+02	2.45E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00
MCA450	4.81E-02	3.50E+00	2.37E-02	3.48E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.70E-03	2.93E-02	4.37E-03	2.43E+01	5.13E-08	5.79E-07	5.18E+01	1.80E+00	5.92E-03	1.71E-01	7.06E-02	6.97E-01	1.11E+02	4.14E+00	4.50E-07	3.05E-07	1.17E-02	3.14E-04	2.09E+00	8.11E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	2.90E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
MCA463	4.91E-02	3.55E+00	2.38E-02	3.52E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.74E-03	2.97E-02	4.40E-03	2.45E+01	5.40E-08	5.84E-07	5.21E+01	1.79E+00	5.96E-03	1.71E-01	7.17E-02	7.70E-01	1.12E+02	4.14E+00	4.52E-07	3.17E-07	1.19E-02	3.15E-04	2.17E+00	8.14E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	2.98E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
MCA506	1.24E-02	1.75E+00	-1.46E-02	1.77E+00	1.51E-06	0.00E+00	8.63E+02	7.62E-05	1.19E-03	1.25E-02	2.02E-03	3.22E+00	2.30E-08	1.15E-07	6.39E+00	1.89E-01	2.73E-03	8.51E-02	1.99E-02	3.33E-01	6.97E+01	2.06E+00	1.71E-07	8.39E-08	4.67E-03	1.36E-04	6.14E-01	4.62E-01	7.17E+01	8.82E-04	7.17E+01	7.28E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-01
MCA510	1.72E-02	1.85E+00	-1.60E-02	1.84E+00	1.46E-06	0.00E+00	1.83E+03	1.06E-04	1.29E-03	1.40E-02	1.87E-03	3.73E+00	2.33E-08	1.16E-07	7.56E+00	2.61E-01	2.54E-03	9.53E-02	2.32E-02	2.81E-01	6.69E+01	2.31E+00	2.56E-07	1.28E-07	4.83E-03	1.23E-04	6.51E-01	5.40E-01	7.05E+01	5.00E-04	7.05E+01	7.25E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-01
MCA516	1.77E-02	1.78E+00	-1.28E-02	1.80E+00	1.47E-06	0.00E+00	1.86E+03	1.11E-04	1.28E-03	1.39E-02	1.88E-03	4.24E+00	2.33E-08	1.22E-07	8.84E+00	2.56E-01	2.56E-03	9.52E-02	2.30E-02	2.91E-01	6.56E+01	2.29E+00	2.59E-07	1.32E-07	4.74E-03	1.24E-04	7.34E-01	5.38E-01	6.95E+01	5.11E-04	6.95E+01	7.07E+01	1.14E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-01
MCA520	1.43E-02	1.88E+00	-1.85E-02	1.91E+00	1.47E-06	0.00E+00	1.43E+03	1.07E-04	1.32E-03	1.47E-02	1.97E-03	4.50E+00	2.51E-08	1.20E-07	9.60E+00	2.55E-01	2.68E-03	7.74E-02	2.04E-02	3.08E-01	6.54E+01	2.20E+00	1.83E-07	9.36E-08	5.57E-03	1.23E-04	5.88E-01	5.46E-01	6.82E+01	7.00E-04	6.82E+01	6.80E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-01

MCA525	1.83E-02	1.84E+00	-1.86E-02	1.88E+00	1.44E-06	0.00E+00	1.67E+03	1.35E-04	1.24E-03	1.34E-02	1.97E-03	5.97E+00	2.37E-08	1.78E-07	1.27E+01	2.75E-01	2.68E-03	9.07E-02	2.50E-02	3.18E-01	6.44E+01	2.34E+00	2.77E-07	1.23E-07	4.96E-03	1.09E-04	8.92E-01	5.38E-01	6.92E+01	3.22E-04	6.92E+01	6.93E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MCA532	1.83E-02	1.78E+00	-3.93E-03	1.79E+00	1.58E-06	0.00E+00	8.68E+02	2.01E-04	1.29E-03	1.38E-02	2.17E-03	7.88E+00	2.46E-08	2.07E-07	1.67E+01	5.67E-01	2.94E-03	8.93E-02	2.86E-02	3.39E-01	6.51E+01	2.07E+00	2.01E-07	1.20E-07	5.36E-03	1.45E-04	7.94E-01	4.77E-01	6.72E+01	9.89E-04	6.72E+01	6.84E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
MCA540	2.06E-02	1.79E+00	-8.74E-03	1.84E+00	1.44E-06	0.00E+00	1.57E+03	1.87E-04	1.46E-03	1.56E-02	2.11E-03	6.16E+00	2.83E-08	1.98E-07	1.34E+01	5.40E-01	2.86E-03	8.92E-02	2.52E-02	3.47E-01	6.52E+01	2.38E+00	2.79E-07	1.44E-07	5.29E-03	1.45E-04	9.18E-01	6.54E-01	6.82E+01	3.66E-03	6.82E+01	7.08E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MCN001	8.14E-03	9.75E-01	-8.77E-03	9.81E-01	9.19E-07	0.00E+00	4.09E+02	4.19E-05	6.94E-04	7.10E-03	1.07E-03	2.05E+00	1.23E-08	6.87E-08	4.45E+00	1.06E-01	1.45E-03	4.90E-02	1.20E-02	1.60E-01	3.66E+01	8.35E-01	1.44E-07	5.08E-08	2.88E-03	5.79E-05	2.80E-01	2.48E-01	3.74E+01	1.96E-03	3.74E+01	3.78E+01	5.11E-01	0.00E+00	0.00E+00	0.00E+00	5.13E-01
MCN002	8.21E-03	8.82E-01	-8.48E-03	8.91E-01	9.19E-07	0.00E+00	3.89E+02	4.00E-05	5.60E-04	5.97E-03	1.06E-03	2.29E+00	8.90E-09	6.66E-08	4.56E+00	1.04E-01	1.43E-03	5.04E-02	1.25E-02	1.71E-01	3.75E+01	7.84E-01	1.43E-07	5.59E-08	2.44E-03	5.81E-05	2.75E-01	2.41E-01	3.83E+01	1.80E-03	3.83E+01	3.88E+01	5.16E-01	0.00E+00	0.00E+00	0.00E+00	5.38E-01
MCN003	8.18E-03	9.92E-01	-1.34E-02	9.93E-01	9.66E-07	0.00E+00	5.04E+02	4.09E-05	7.06E-04	7.16E-03	1.13E-03	2.06E+00	1.05E-08	6.56E-08	4.35E+00	1.26E-01	1.58E-03	4.91E-02	1.21E-02	1.71E-01	3.78E+01	8.88E-01	1.44E-07	5.17E-08	2.89E-03	5.61E-05	2.83E-01	2.81E-01	3.88E+01	1.99E-03	3.88E+01	3.94E+01	5.23E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MCN004	7.99E-03	8.86E-01	-8.63E-03	8.95E-01	9.17E-07	0.00E+00	3.91E+02	3.73E-05	5.62E-04	5.99E-03	1.06E-03	2.07E+00	9.15E-09	6.28E-08	4.06E+00	9.57E-02	1.44E-03	5.00E-02	1.23E-02	1.76E-01	3.76E+01	8.07E-01	1.50E-07	5.46E-08	2.43E-03	5.80E-05	2.65E-01	2.42E-01	3.84E+01	1.80E-03	3.84E+01	3.89E+01	5.07E-01	0.00E+00	0.00E+00	0.00E+00	5.29E-01
MCN006	5.76E-03	8.19E-01	-1.06E-02	8.29E-01	9.10E-07	0.00E+00	6.69E+02	2.52E-05	4.97E-04	5.33E-03	8.88E-04	1.29E+00	7.07E-09	3.16E-08	2.29E+00	5.29E-02	1.20E-03	4.56E-02	8.58E-03	1.19E-01	3.42E+01	9.37E-01	1.28E-07	4.09E-08	1.98E-03	4.91E-05	1.44E-01	2.24E-01	3.51E+01	9.94E-05	3.51E+01	3.55E+01	3.68E-01	0.00E+00	0.00E+00	0.00E+00	3.69E-01
MCN008	5.75E-03	8.15E-01	-1.05E-02	8.25E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	4.96E-04	5.32E-03	8.83E-04	1.29E+00	6.94E-09	3.14E-08	2.31E+00	5.29E-02	1.20E-03	4.52E-02	8.61E-03	1.22E-01	3.42E+01	9.13E-01	1.28E-07	4.08E-08	1.98E-03	4.96E-05	1.59E-01	2.24E-01	3.51E+01	9.95E-05	3.51E+01	3.55E+01	3.83E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MCN010	5.75E-03	8.15E-01	-1.05E-02	8.26E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	4.96E-04	5.33E-03	8.84E-04	1.30E+00	6.94E-09	3.14E-08	2.31E+00	5.29E-02	1.20E-03	4.52E-02	8.61E-03	1.22E-01	3.42E+01	9.13E-01	1.28E-07	4.09E-08	1.98E-03	4.97E-05	1.59E-01	2.24E-01	3.51E+01	9.95E-05	3.51E+01	3.55E+01	3.83E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MCN013	6.04E-03	8.21E-01	-1.03E-02	8.32E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	5.02E-04	5.39E-03	8.97E-04	1.47E+00	7.24E-09	3.47E-08	2.69E+00	5.29E-02	1.22E-03	4.52E-02	8.98E-03	1.27E-01	3.43E+01	9.14E-01	1.29E-07	4.28E-08	2.02E-03	5.02E-05	1.65E-01	2.25E-01	3.52E+01	1.01E-04	3.52E+01	3.56E+01	3.90E-01	0.00E+00	0.00E+00	0.00E+00	3.86E-01
MCN016	5.98E-03	8.20E-01	-1.03E-02	8.30E-01	9.10E-07	0.00E+00	6.56E+02	2.50E-05	5.00E-04	5.38E-03	8.95E-04	1.46E+00	6.98E-09	3.44E-08	2.68E+00	5.29E-02	1.21E-03	4.52E-02	8.88E-03	1.23E-01	3.43E+01	9.14E-01	1.29E-07	4.23E-08	2.01E-03	5.02E-05	1.64E-01	2.25E-01	3.52E+01	1.01E-04	3.52E+01	3.56E+01	3.89E-01	0.00E+00	0.00E+00	0.00E+00	3.81E-01
MCN020	6.25E-03	8.26E-01	-1.01E-02	8.36E-01	9.10E-07	0.00E+00	6.58E+02	2.50E-05	5.06E-04	5.45E-03	9.08E-04	1.62E+00	7.28E-09	3.74E-08	3.02E+00	5.29E-02	1.23E-03	4.52E-02	9.22E-03	1.27E-01	3.44E+01	9.16E-01	1.30E-07	4.41E-08	2.04E-03	5.06E-05	1.69E-01	2.26E-01	3.53E+01	1.03E-04	3.53E+01	3.57E+01	3.95E-01	0.00E+00	0.00E+00	0.00E+00	3.96E-01
MCN025	6.87E-03	8.40E-01	-9.55E-03	8.49E-01	9.10E-07	0.00E+00	6.57E+02	2.50E-05	5.23E-04	5.64E-03	9.34E-04	2.01E+00	7.65E-09	4.47E-08	3.89E+00	5.29E-02	1.27E-03	4.54E-02	9.95E-03	1.33E-01	3.47E+01	9.16E-01	1.33E-07	4.80E-08	2.14E-03	5.17E-05	1.84E-01	2.29E-01	3.56E+01	1.07E-04	3.56E+01	3.60E+01	4.13E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
MCN032	9.60E-03	8.36E-01	-3.78E-03	8.39E-01	9.93E-07	0.00E+00	3.63E+02	1.45E-04	5.83E-04	6.32E-03	1.04E-03	3.69E+00	1.60E-07	9.51E-08	7.49E+00	3.78E-01	1.41E-03	4.90E-02	1.36E-02	1.71E-01	3.09E+01	7.22E-01	1.51E-07	6.48E-08	2.55E-03	6.09E-05	3.73E-01	2.40E-01	3.16E+01	1.85E-03	3.16E+01	3.22E+01	6.13E-01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCN040	9.60E-03	8.36E-01	-3.78E-03	8.39E-01	9.93E-07	0.00E+00	3.63E+02	1.45E-04	5.83E-04	6.32E-03	1.04E-03	3.69E+00	1.60E-07	9.51E-08	7.49E+00	3.78E-01	1.41E-03	4.90E-02	1.36E-02	1.71E-01	3.09E+01	7.22E-01	1.51E-07	6.49E-08	2.55E-03	6.09E-05	3.73E-01	2.40E-01	3.16E+01	1.85E-03	3.16E+01	3.22E+01	6.13E-01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCN099	8.07E-03	8.59E-01	-8.21E-03	8.74E-01	9.19E-07	0.00E+00	4.08E+02	3.99E-05	5.65E-04	5.99E-03	1.06E-03	1.96E+00	1.03E-08	6.80E-08	4.28E+00	1.04E-01	1.43E-03	4.91E-02	1.21E-02	1.62E-01	3.66E+01	8.35E-01	1.44E-07	5.01E-08	2.42E-03	5.66E-05	2.80E-01	2.43E-01	3.74E+01	1.91E-03	3.74E+01	3.78E+01	4.83E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MCN100	7.69E-03	8.65E-01	-8.74E-03	8.74E-01	9.18E-07	0.00E+00	4.15E+02	3.83E-05	5.50E-04	5.81E-03	1.05E-03	1.92E+00	1.04E-08	6.38E-08	4.16E+00	9.78E-02	1.43E-03	4.89E-02	1.15E-02	1.53E-01	3.65E+01	8.39E-01	1.37E-07	4.80E-08	2.36E-03	5.53E-05	2.08E-01	2.41E-01	3.73E+01	1.92E-03	3.73E+01	3.77E+01	4.49E-01	0.00E+00	0.00E+00	0.00E+00	4.95E-01
MCN100E	8.08E-03	8.59E-01	-7.90E-03	8.75E-01	9.19E-07	0.00E+00	4.11E+02	4.04E-05	5.56E-04	5.88E-03	1.05E-03	1.93E+00	1.04E-08	6.67E-08	4.26E+00	1.04E-01	1.42E-03	4.90E-02	1.21E-02	1.63E-01	3.66E+01	8.35E-01	1.43E-07	4.99E-08	2.40E-03	5.71E-05	2.49E-01	2.22E-01	3.74E+01	1.91E-03	3.74E+01	3.78E+01	4.78E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MCN101	7.92E-03	8.71E-01	-8.28E-03	8.80E-01	9.19E-07	0.00E+00	4.09E+02	4.04E-05	5.57E-04	5.90E-03	1.08E-03	2.08E+00	1.03E-08	6.66E-08	4.53E+00	1.04E-01	1.46E-03	4.93E-02	1.17E-02	1.52E-01	3.65E+01	8.44E-01	1.45E-07	4.92E-08	2.40E-03	5.46E-05	2.16E-01	2.43E-01	3.73E+01	1.92E-03	3.73E+01	3.78E+01	4.59E-01	0.00E+00	0.00E+00	0.00E+00	5.04E-01
MCN101E	7.91E-03	8.71E-01	-6.84E-03	8.78E-01	9.19E-07	0.00E+00	4.09E+02	4.04E-05	5.55E-04	5.87E-03	1.07E-03	2.08E+00	1.01E-08	6.66E-08	4.53E+00	1.04E-01	1.45E-03	4.93E-02	1.17E-02	1.51E-01	3.65E+01	8.44E-01	1.45E-07	4.92E-08	2.39E-03	5.43E-05	2.20E-01	2.24E-01	3.73E+01	1.92E-03	3.73E+01	3.78E+01	4.44E-01	0.00E+00	0.00E+00	0.00E+00	5.04E-01
MCN102	8.16E-03	9.57E-01	-8.61E-03	9.51E-01	9.19E-07	0.00E+00	4.07E+02	4.07E-05	6.23E-04	6.70E-03	1.06E-03	2.05E+00	1.05E-08	6.90E-08	4.43E+00	1.07E-01	1.44E-03	4.90E-02	1.22E-02	1.66E-01	3.67E+01	8.32E-01	1.43E-07	5.13E-08	2.85E-03	5.67E-05	2.58E-01	2.42E-01	3.74E+01	1.91E-03	3.74E+01	3.79E+01	5.13E-01	0.00E+00	0.00E+00	0.00E+00	5.22E-01
MCN102E	8.11E-03	8.68E-01	-7.10E-03	8.75E-01	9.19E-07	0.00E+00	4.09E+02	4.02E-05	5.52E-04	5.87E-03	1.05E-03	2.09E+00	8.84E-09	6.73E-08	4.54E+00	1.04E-01	1.43E-03	4.92E-02	1.23E-02	1.64E-01	3.68E+01	8.22E-01	1.38E-07	5.09E-08	2.40E-03	5.39E-05	2.60E-01	2.23E-01	3.76E+01	1.92E-03	3.76E+01	3.81E+01	4.83E-01	0.00E+00	0.00E+00	0.00E+00	5.28E-01
MCN103	8.19E-03	9.82E-01	-9.16E-03	9.91E-01	9.43E-07	0.00E+00	5.05E+02	4.07E-05	6.96E-04	7.03E-03	1.09E-03	2.00E+00	1.05E-08	6.56E-08	4.24E+00	1.25E-01	1.49E-03	4.91E-02	1.21E-02	1.72E-01	3.76E+01	8.89E-01	1.43E-07	5.15E-08	2.85E-03	5.68E-05	2.58E-01	2.64E-01	3.82E+01	1.99E-03	3.82E+01	3.89E+01	5.22E-01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MCN103E	8.12E-03	8.60E-01	-8.12E-03	8.75E-01	9.18E-07	0.00E+00	4.10E+02	3.99E-05	5.55E-04	5.88E-03	1.05E-03	1.96E+00	9.26E-09	6.53E-08	4.23E+00	1.04E-01	1.43E-03	4.89E-02	1.22E-02	1.66E-01	3.67E+01	8.33E-01	1.43E-07	5.05E-08	2.41E-03	5.61E-05	2.51E-01	2.22E-01	3.74E+01	1.93E-03	3.74E+01	3.79E+01	4.89E-01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
MCN104	8.05E-03	9.91E-01	-9.24E-03	9.94E-01	9.66E-07	0.00E+00	5.08E+02	3.99E-05	6.96E-04	7.04E-03	1.10E-03	1.91E+00	1.61E-08	6.33E-08	4.12E+00	1.18E-01	1.51E-03	4.90E-02	1.21E-02	1.75E-01	3.79E+01	8.99E-01	1.43E-07	5.09E-08	2.85E-03	5.61E-05	2.54E-01	2.52E-01	3.89E+01	1.99E-03	3.89E+01	3.96E+01	5.13E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MCN104E	7.89E-03	8.72E-01	-7.25E-03	8.79E-01	9.17E-07	0.00E+00	4.10E+02	3.75E-05	5.55E-04	5.89E-03	1.06E-03	1.87E+00	9.09E-09	6.35E-08	4.04E+00	9.56E-02	1.43E-03	4.88E-02	1.21E-02	1.68E-01	3.68E+01	8.46E-01	1.44E-07	4.96E-08	2.39E-03	5.38E-05	2.51E-01	2.24E-01	3.77E+01	1.92E-03	3.77E+01	3.82E+01	4.74E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MCN106	5.63E-03	7.94E-01	-1.06E-02	8.05E-01	9.10E-07	0.00E+00	6.72E+02	2.52E-05	4.83E-04	5.18E-03	8.73E-04	1.09E+00	7.08E-09	3.11E-08	2.29E+00	5.28E-02	1.18E-03	4.44E-02	8.31E-03	1.11E-01	3.34E+01	9.42E-01	1.21E-07	3.59E-08	1.92E-03	4.49E-05	1.38E-01	2.23E-01	3.44E+01	9.66E-05	3.44E+01	3.47E+01	3.61E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-01
MCN106A	5.82E-03	9.01E-01	-1.55E-02	9.45E-01	9.42E-07	0.00E+00	1.48E+03	2.53E-05	7.35E-04	7.36E-03	9.67E-04	1.13E+00	8.86E-09	3.14E-08	2.24E+00	5.37E-02	1.37E-03	4.84E-02	8.57E-03	1.11E-01	3.74E+01	1.40E+00	1.24E-07	3.67E-08	2.04E-03	4.55E-05	1.53E-01	2.64E-01	3.90E+01	9.93E-05	3.90E+01	3.94E+01	3.59E-01	0.00E+00	0.00E+00	0.00E+00	3.66E-01
MCN106E	5.63E-03	7.94E-01	-9.16E-03	8.03E-01	9.10E-07	0.00E+00	6.72E+02	2.52E-05	4.80E-04	5.15E-03	8.64E-04	1.09E+00	6.90E-09	3.11E-08	2.29E+00	5.28E-02	1.17E-03	4.44E-02	8.30E-03	1.11E-01	3.34E+01	9.42E-01	1.21E-07	3.58E-08	1.91E-03	4.46E-05	1.42E-01	2.04E-01	3.43E+01	9.66E-05	3.43E+01	3.47E+01	3.46E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-01
MCN110	4.52E-03	6.38E-01	-9.41E-03	6.52E-01	9.10E-07	0.00E+00	5.92E+02	2.36E-05	4.05E-04	4.37E-03	8.03E-04	1.08E+00	6.20E-09	2.86E-08	2.21E+00	5.12E-02	1.09E-03	3.35E-02	6.79E-03	5.84E-02	2.47E+01	8.42E-01	7.97E-08	2.89E-08	1.63E-03	1.94E-05	1.10E-01	1.96E-01	2.55E+01	5.77E-05	2.55E+01	2.56E+01	3.04E-01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MCN110A	4.69E-03	6.89E-01	-9.49E-03	6.96E-01	8.83E-07	0.00E+00	5.82E+02	2.37E-05	4.22E-04	4.54E-03	8.21E-04	1.08E+00	6.43E-09	2.99E-08	2.20E+00	5.10E-02	1.11E-03	3.72E-02	7.32E-03	6.53E-02	2.76E+01	8.25E-01	9.08E-08	3.01E-08	1.65E-03	2.96E-05	1.12E-01	1.97E-01	2.81E+01	6.57E-05	2.81E+01	2.88E+01	3.08E-01	0.00E+00	0.00E+00	0.00E+00	3.14E-01
MCN110E	5.80E-03	8.64E-01	-1.07E-02	8.96E-01	9.33E-07	0.00E+00	7.81E+02	2.51E-05	5.20E-04	5.51E-03	9.27E-04	1.21E+00	1.40E-08	3.20E-08	2.33E+00	5.38E-02	1.26E-03	4.46E-02	8.72E-03	1.17E-01	3.50E+01	9.75E-01	1.24E-07	3.72E-08	2.00E-03	4.56E-05	1.53E-01	2.37E-01	3.58E+01	9.97E-05	3.58E+01	3.65E+01	3.63E-01	0.00E+00	0.00E+00	0.00E+00	3.75E-01
MCN113	4.29E-03	6.33E-01	-9.83E-03	6.42E-01	9.10E-07	0.00E+00	5.90E+02	2.34E-05	4.00E-04	4.29E-03	7.77E-04	1.13E+00	6.22E-09	2.90E-08	2.27E+00	5.12E-02	1.05E-03	3.35E-02	6.82E-03	5.87E-02	2.41E+01	8.44E-01	7.93E-08	2.79E-08	1.56E-03	1.96E-05	1.09E-01	1.95E-01	2.49E+01	5.77E-05	2.49E+01	2.52E+01	3.03E-01	0.00E+00	0.00E+00	0.00E+00	2.93E-01
MCN113E	5.94E-03	8.06E-01	-8.89E-03	8.14E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	4.95E-04	5.32E-03	8.75E-04	1.38E+00	6.99E-09	3.49E-08	2.71E+00	5.28E-02	1.19E-03	4.45E-02	8.87E-03	1.21E-01	3.36E+01	9.20E-01	1.24E-07	3.80E-08	1.97E-03	4.56E-05	1.53E-01	2.05E-01	3.46E+01	9.99E-05	3.46E+01	3.50E+01	3.63E-01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MCN116	4.41E-03	7.39E-01	-1.51E-02	7.68E-01	9.38E-07	0.00E+00	1.40E+03	2.39E-05	6.14E-04	6.04E-03	8.84E-04	1.07E+00	1.36E-08	2.86E-08	2.19E+00	5.21E-02	1.26E-03	3.41E-02	6.74E-03	5.72E-02	2.56E+01	1.27E+00	8.38E-08	2.81E-08	1.67E-03	1.98E-05	1.15E-01	2.50E-01	2.68E+01	5.78E-05	2.68E+01	2.68E+01	3.05E-01	0.00E+00	0.00E+00	0.00E+00	2.89E-01
MCN116A	4.56E-03	6.66E-01	-9.49E-03	6.79E-01	8.80E-07	0.00E+00	5.76E+02	2.35E-05	4.19E-04	4.49E-03	8.19E-04	1.09E+00	6.19E-09	3.01E-08	2.20E+00	5.11E-02	1.11E-03	3.68E-02	7.11E-03	6.21E-02	2.65E+01	8.26E-01	8.30E-08	2.92E-08	1.65E-03	2.36E-05	1.08E-01	1.97E-01	2.73E+01	6.00E-05	2.73E+01	2.75E+01	3.07E-01	0.00E+00	0.00E+00	0.00E+00	3.04E-01
MCN116E	5.94E-03	8.08E-01	-9.00E-03	8.16E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	4.95E-04	5.32E-03	8.78E-04	1.38E+00	6.96E-09	3.44E-08	2.68E+00	5.28E-02	1.19E-03	4.46E-02	8.93E-03	1.17E-01	3.36E+01	9.21E-01	1.24E-07	3.79E-08	1.97E-03	4.54E-05	1.52E-01	2.06E-01	3.46E+01	1.00E-04	3.46E+01	3.50E+01	3.62E-01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MCN120	6.13E-03	8.16E-01	-8.86E-03	8.22E-01	9.21E-07	0.00E+00	6.59E+02	5.59E-05	5.02E-04	5.37E-03	8.81E-04	1.62E+00	4.56E-08	4.21E-08	3.25E+00	1.03E-01	1.19E-03	4.47E-02	9.22E-03	1.23E-01	3.37E+01	9.21E-01	1.24E-07	3.92E-08	2.04E-03	4.56E-05	1.64E-01	2.14E-01	3.46E+01	1.20E-04	3.46E+01	3.50E+01	3.75E-01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
MCN120A	6.28E-03	8.35E-01	-8.90E-03	8.43E-01	9.18E-07	0.00E+00	6.60E+02	5.28E-05	5.06E-04	5.45E-03	9.10E-04	1.61E+00	3.72E-08	4.18E-08	3.47E+00	1.02E-01	1.23E-03	4.85E-02	9.31E-03	1.23E-01	3.56E+01	9.24E-01	1.25E-07	4.03E-08	2.05E-03	4.59E-05	1.62E-01	2.16E-01	3.65E+01	1.05E-04	3.65E+01	3.68E+01	3.81E-01	0.00E+00	0.00E+00	0.00E+00	3.97E-01
MCN120E	6.11E-03	8.01E-01	-8.64E-03	8.10E-01	9.10E-07	0.00E+00	6.62E+02	2.49E-05	4.89E-04	5.26E-03	8.85E-04	1.42E+00	7.12E-09	3.69E-08	3.00E+00	5.28E-02	1.20E-03	4.40E-02	8.94E-03	1.18E-01	3.35E+01	9.20E-01	1.24E-07	3.88E-08	1.97E-03	4.60E-05	1.56E-01	2.06E-01	3.44E+01	1.00E-04	3.44E+01	3.48E+01	3.62E-01	0.00E+00	0.00E+00	0.00E+00	3.84E-01
MCN125	6.74E-03	8.15E-01	-9.56E-03	8.24E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.08E-04	5.47E-03	9.19E-04	1.81E+00	7.65E-09	4.42E-08	3.88E+00	5.28E-02	1.24E-03	4.42E-02	9.67E-03	1.25E-01	3.38E+01	9.20E-01	1.26E-07	4.28E-08	2.07E-03	4.75E-05	1.67E-01	2.27E-01	3.47E+01	1.04E-04	3.47E+01	3.51E+01	3.94E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN125A	7.25E-03	8.43E-01	-8.63E-03	8.53E-01	9.11E-07	0.00E+00	6.61E+02	2.67E-05	5.43E-04	5.84E-03	9.52E-04	1.83E+00	7.60E-09	5.10E-08	3.87E+00	5.72E-02	1.29E-03	4.94E-02	1.06E-02	1.29E-01	3.63E+01	9.23E-01	1.26E-07	4.66E-08	2.31E-03	4.74E-05	1.99E-01	2.26E-01	3.71E+01	1.37E-04	3.71E+01	3.71E+01	4.86E-01	0.00E+00	0.00E+00	0.00E+00	4.61E-01
MCN125E	6.73E-03	8.15E-01	-8.12E-03	8.23E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.06E-04	5.45E-03	9.11E-04	1.81E+00	7.48E-09	4.42E-08	3.87E+00	5.28E-02	1.23E-03	4.42E-02	9.66E-03	1.24E-01	3.38E+01	9.20E-01	1.26E-07	4.27E-08	2.07E-03	4.72E-05	1.71E-01	2.09E-01	3.47E+01	1.04E-04	3.47E+01	3.51E+01	3.80E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN132	9.58E-03	9.60E-01	-4.01E-03	9.59E-01	1.02E-06	0.00E+00	4.91E+02	1.48E-04	7.11E-04	7.40E-03	1.08E-03	3.56E+00	1.80E-07	9.58E-08	7.49E+00	3.91E-01	1.49E-03	4.82E-02	1.36E-02	1.71E-01	3.21E+01	7.98E-01	1.46E-07	6.12E-08	2.96E-03	5.78E-05	3.61E-01	2.63E-01	3.26E+01	2.03E-03	3.26E+01	3.34E+01	6.02E-01	0.00E+00	0.00E+00	0.00E+00	5.76E-01
MCN132A	9.63E-03	9.77E-01	-3.60E-03	9.78E-01	9.88E-07	0.00E+00	3.68E+02	1.57E-04	7.17E-04	7.53E-03	1.06E-03	3.56E+00	1.62E-07	9.78E-08	7.48E+00	3.99E-01	1.44E-03	5.23E-02	1.39E-02	1.76E-01	3.28E+01	7.38E-01	1.45E-07	6.07E-08	3.03E-03	5.61E-05	3.61E-01	2.47E-01	3.33E+01	2.01E-03	3.33E+01	3.41E+01	6.00E-01	0.00E+00	0.00E+00	0.00E+00	5.94E-01
MCN132E	9.51E-03	8.21E-01	-3.84E-03	8.25E-01	9.93E-07	0.00E+00	3.82E+02	1.45E-04	5.77E-04	6.24E-03	1.05E-03	3.49E+00	1.60E-07	9.57E-08	7.48E+00	3.78E-01	1.42E-03	4.79E-02	1.34E-02	1.64E-01	3.02E+01	7.60E-01	1.45E-07	5.99E-08	2.52E-03	5.71E-05	3.56E-01	2.41E-01	3.09E+01	1.97E-03	3.09E+01	3.15E+01	5.97E-01	0.00E+00	0.00E+00	0.00E+00	5.75E-01
MCN140	9.67E-03	9.59E-01	-3.49E-03	9.58E-01	1.02E-06	0.00E+00	5.06E+02	1.47E-04	7.12E-04	7.37E-03	1.08E-03	3.50E+00	1.80E-07	9.55E-08	7.53E+00	3.92E-01	1.48E-03	4.81E-02	1.38E-02	1.70E-01	3.21E+01	8.05E-01	1.46E-07	6.14E-08	2.97E-03	5.75E-05	3.60E-01	2.52E-01	3.26E+01	2.03E-03	3.26E+01	3.33E+01	5.94E-01	0.00E+00	0.00E+00	0.00E+00	5.83E-01
MCN140A	9.92E-03	9.85E-01	-3.23E-03	9.89E-01	1.01E-06	0.00E+00	4.72E+02	1.55E-04	7.19E-04	7.53E-03	1.10E-03	3.57E+00	1.82E-07	9.71E-08	7.54E+00	4.15E-01	1.51E-03	5.16E-02	1.40E-02	1.75E-01	3.40E+01	7.92E-01	1.45E-07	6.17E-08	3.04E-03	5.59E-05	3.58E-01	2.53E-01	3.49E+01	2.02E-03	3.49E+01	3.55E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	6.02E-01
MCN140E	9.51E-03	8.21E-01	-3.84E-03	8.25E-01	9.93E-07	0.00E+00	3.82E+02	1.45E-04	5.77E-04	6.24E-03	1.05E-03	3.49E+00	1.60E-07	9.57E-08	7.48E+00	3.78E-01	1.42E-03	4.79E-02	1.34E-02	1.64E-01	3.02E+01	7.60E-01	1.45E-07	5.99E-08	2.52E-03	5.71E-05	3.56E-01	2.41E-01	3.09E+01	1.97E-03	3.09E+01	3.15E+01	5.97E-01	0.00E+00	0.00E+00	0.00E+00	5.75E-01
MCN150	1.26E-02	1.01E+00	3.43E-03	9.99E-01	9.80E-07	0.00E+00	3.78E+02	1.51E-04	7.73E-04	8.23E-03	1.11E-03	5.78E+00	9.03E-09	1.32E-07	1.16E+01	4.49E-01	1.50E-03	4.86E-02	1.75E-02	1.99E-01	3.12E+01	7.55E-01	1.90E-07	8.20E-08	3.27E-03	7.52E-05	5.14E-01	2.50E-01	3.17E+01	2.24E-03	3.17E+01	3.21E+01	7.37E-01	0.00E+00	0.00E+00	0.00E+00	7.53E-01
MCN150A	1.29E-02	1.05E+00	4.83E-03	1.04E+00	1.02E-06	0.00E+00	4.74E+02	1.62E-04	7.77E-04	8.32E-03	1.14E-03	5.57E+00	9.75E-09	1.31E-07	1.15E+01	4.99E-01	1.56E-03	5.32E-02	1.80E-02	2.07E-01	3.41E+01	7.97E-01	1.91E-07	8.33E-08	3.30E-03	7.60E-05	5.27E-01	2.68E-01	3.58E+01	2.03E-03	3.58E+01	3.66E+01	7.48E-01	0.00E+00	0.00E+00	0.00E+00	7.79E-01
MCN150E	1.26E-02	9.94E-01	3.10E-03	9.78E-01	9.79E-07	0.00E+00	3.77E+02	1.50E-04	7.25E-04	7.94E-03	1.10E-03	5.75E+00	1.38E-08	1.32E-07	1.16E+01	4.46E-01	1.49E-03	4.84E-02	1.77E-02	1.97E-01	3.05E+01	7.55E-01	1.90E-07	8.25E-08	3.25E-03	7.52E-05	5.06E-01	2.34E-01	3.12E+01	2.15E-03	3.12E+01	3.16E+01	7.32E-01	0.00E+00	0.00E+00	0.00E+00	7.58E-01
MCN163	1.28E-02	1.01E+00	3.40E-03	9.98E-01	9.79E-07	0.00E+00	3.78E+02	1.55E-04	7.73E-04	8.23E-03	1.11E-03	6.29E+00	1.38E-08	1.42E-07	1.29E+01	4.51E-01	1.50E-03	4.85E-02	1.87E-02	2.07E-01	3.11E+01	7.54E-01	1.94E-07	8.47E-08	3.27E-03	7.52E-05	5.43E-01	2.39E-01	3.15E+01	2.21E-03	3.15E+01	3.21E+01	7.47E-01	0.00E+00	0.00E+00	0.00E+00	8.03E-01
MCN163A	1.30E-02	1.03E+00	5.21E-03	1.03E+00	1.02E-06	0.00E+00	4.73E+02	1.79E-04	7.71E-04	8.29E-03	1.14E-03	6.32E+00	9.78E-09	1.44E-07	1.35E+01	5.64E-01	1.56E-03	5.30E-02	1.82E-02	2.11E-01	3.40E+01	7.95E-01	1.90E-07	8.54E-08	3.29E-03	7.56E-05	5.68E-01	2.68E-01	3.57E+01	2.03E-03	3.57E+01	3.65E+01	7.64E-01	0.00E+00	0.00E+00	0.00E+00	7.89E-01
MCN163E	1.27E-02	8.75E-01	3.52E-03	8.71E-01	9.79E-07	0.00E+00	3.77E+02	1.54E-04	6.38E-04	7.00E-03	1.10E-03	6.16E+00	7.73E-09	1.39E-07	1.27E+01	4.50E-01	1.49E-03	4.85E-02	1.75E-02	2.05E-01	2.98E+01	7.57E-01	1.88E-07	8.42E-08	2.93E-03	7.44E-05	5.23E-01	2.28E-01	3.05E+01	2.16E-03	3.05E+01	3.13E+01	7.50E-01	0.00E+00	0.00E+00	0.00E+00	7.53E-01
MCN200	1.58E-02	1.77E+00	-1.57E-02	1.78E+00	1.56E-06	0.00E+00	1.01E+03	6.64E-05	1.13E-03	1.23E-02	2.09E-03	2.24E+00	1.66E-08	6.93E-08	4.82E+00	1.95E-01	2.83E-03	9.72E-02	2.30E-02	3.44E-01	6.97E+01	1.93E+00	2.96E-07	1.01E-07	4.94E-03	1.23E-04	4.28E-01	4.47E-01	7.30E+01	3.79E-03	7.30E+01	7.35E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-01
MCN200E	1.57E-02	1.71E+00	-1.13E-02	1.71E+00	1.55E-06	0.00E+00	7.38E+02	6.45E-05	1.11E-03	1.20E-02	1.98E-03	2.22E+00	1.59E-08	6.99E-08	4.81E+00	1.77E-01	2.61E-03	9.63E-02	2.30E-02	3.43E-01	6.96E+01	1.65E+00	2.87E-07	1.00E-07	4.89E-03	1.23E-04	4.20E-01	4.06E-01	7.24E+01	3.60E-03	7.24E+01	7.34E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-01
MCN201	1.58E-02	1.77E+00	-1.55E-02	1.78E+00	1.56E-06	0.00E+00	1.12E+03	6.81E-05	1.28E-03	1.34E-02	2.12E-03	2.26E+00	1.71E-08	7.31E-08	5.03E+00	1.99E-01	2.87E-03	9.70E-02	2.30E-02	3.46E-01	6.97E+01	2.16E+00	2.97E-07	1.01E-07	5.00E-03	1.23E-04	4.46E-01	4.48E-01	7.29E+01	3.91E-03	7.29E+01	7.38E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-01
MCN201E	1.57E-02	1.72E+00	-1.16E-02	1.72E+00	1.55E-06	0.00E+00	7.37E+02	6.74E-05	1.12E-03	1.20E-02	2.00E-03	2.26E+00	1.64E-08	7.28E-08	4.95E+00	1.81E-01	2.64E-03	9.62E-02	2.31E-02	3.44E-01	6.96E+01	1.65E+00	2.89E-07	1.00E-07	4.92E-03	1.23E-04	4.39E-01	4.10E-01	7.24E+01	3.81E-03	7.24E+01	7.35E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01
MCN202	1.60E-02	1.80E+00	-1.65E-02	1.84E+00	1.56E-06	0.00E+00	1.12E+03	6.90E-05	1.29E-03	1.36E-02	2.12E-03	2.26E+00	1.75E-08	7.28E-08	5.05E+00	2.04E-01	2.87E-03	9.71E-02	2.32E-02	3.44E-01	6.97E+01	2.14E+00	3.03E-07	1.03E-07	5.06E-03	1.29E-04	4.38E-01	5.51E-01	7.30E+01	3.91E-03	7.30E+01	7.35E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00
MCN202E	1.56E-02	1.72E+00	-1.17E-02	1.71E+00	1.55E-06	0.00E+00	7.36E+02	6.33E-05	1.12E-03	1.20E-02	2.00E-03	2.26E+00	1.60E-08	7.32E-08	4.96E+00	1.80E-01	2.64E-03	9.63E-02	2.30E-02	3.41E-01	6.95E+01	1.65E+00	2.88E-07	1.00E-07	4.89E-03	1.23E-04	4.25E-01	4.08E-01	7.25E+01	3.78E-03	7.25E+01	7.33E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-01
MCN203	1.59E-02	1.80E+00	-1.78E-02	1.85E+00	1.50E-06	0.00E+00	1.19E+03	1.25E-04	1.32E-03	1.38E-02	2.09E-03	4.60E+00	2.05E-08	1.31E-07	9.83E+00	3.32E-01	2.83E-03	9.71E-02	2.42E-02	3.45E-01	6.99E+01	2.29E+00	2.96E-07	1.03E-07	4.97E-03	1.23E-04	5.65E-01	5.89E-01	7.31E+01	3.84E-03	7.31E+01	7.37E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
MCN203E	1.58E-02	1.72E+00	-9.61E-03	1.72E+00	1.54E-06	0.00E+00	7.35E+02	1.22E-04	1.12E-03	1.20E-02	2.00E-03	4.56E+00	1.70E-08	1.18E-07	9.64E+00	3.20E-01	2.64E-03	9.63E-02	2.38E-02	3.43E-01	6.95E+01	1.65E+00	2.87E-07	1.01E-07	4.89E-03	1.23E-04	5.57E-01	4.09E-01	7.25E+01	3.79E-03	7.25E+01	7.33E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MCN204	1.59E-02	1.80E+00	-1.87E-02	1.85E+00	1.50E-06	0.00E+00	1.19E+03	9.16E-05	1.31E-03	1.37E-02	2.09E-03	3.88E+00	1.97E-08	1.28E-07	8.63E+00	2.43E-01	2.83E-03	9.76E-02	2.41E-02	3.44E-01	7.03E+01	2.29E+00	2.97E-07	1.02E-07	4.92E-03	1.21E-04	5.18E-01	6.47E-01	7.30E+01	3.83E-03	7.30E+01	7.38E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
MCN204E	1.58E-02	1.72E+00	-1.44E-02	1.74E+00	1.54E-06	0.00E+00	7.50E+02	7.40E-05	1.10E-03	1.17E-02	2.09E-03	3.74E+00	1.78E-08	1.24E-07	8.09E+00	1.89E-01	2.83E-03	9.76E-02	2.41E-02	3.52E-01	7.36E+01	1.60E+00	2.90E-07	9.96E-08	4.77E-03	1.23E-04	5.14E-01	4.45E-01	7.52E+01	3.78E-03	7.52E+01	7.61E+01	9.59E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MCN206	1.08E-02	1.62E+00	-2.28E-02	1.64E+00	1.46E-06	0.00E+00	1.49E+03	4.99E-05	1.11E-03	1.16E-02	1.74E-03	2.16E+00	1.50E-08	6.18E-08	4.49E+00	1.05E-01	2.35E-03	8.86E-02	1.34E-02	2.38E-01	6.74E+01	2.09E+00	2.47E-07	6.93E-08	3.95E-03	1.04E-04	2.89E-01	5.30E-01	6.89E+01	2.16E-04	6.89E+01	7.00E+01	6.85E-01	0.00E+00	0.00E+00	0.00E+00	5.75E-01
MCN206A	1.10E-02	1.68E+00	-2.29E-02	1.74E+00	1.47E-06	0.00E+00	1.58E+03	5.23E-05	1.19E-03	1.25E-02	1.74E-03	2.17E+00	1.73E-08	6.10E-08	4.45E+00	1.07E-01	2.37E-03	9.24E-02	1.31E-02	2.42E-01	6.81E+01	2.39E+00	2.48E-07	6.99E-08	3.97E-03	1.04E-04	2.98E-01	6.11E-01	6.95E+01	2.21E-04	6.95E+01	7.00E+01	7.03E-01	0.00E+00	0.00E+00	0.00E+00	5.67E-01
MCN206E	1.13E-02	1.58E+00	-1.83E-02	1.60E+00	1.52E-06	0.00E+00	1.29E+03	4.95E-05	9.56E-04	1.03E-02	1.72E-03	2.17E+00	1.35E-08	6.06E-08	4.58E+00	1.04E-01	2.33E-03	8.87E-02	1.65E-02	2.38E-01	6.68E+01	1.82E+00	2.45E-07	7.22E-08	3.84E-03	1.04E-04	2.89E-01	4.08E-01	6.86E+01	2.38E-04	6.86E+01	6.93E+01	6.97E-01	0.00E+00	0.00E+00	0.00E+00	7.11E-01
MCN208E	1.13E-02	1.59E+00	-2.23E-02	1.62E+00	1.45E-06	0.00E+00	1.46E+03	5.49E-05	1.09E-03	1.14E-02	1.72E-03	2.41E+00	1.58E-08	6.57E-08	5.20E+00	1.09E-01	2.33E-03	8.79E-02	1.66E-02	2.46E-01	6.69E+01	2.09E+00	2.46E-07	7.21E-08	3.86E-03	1.06E-04	3.15E-01	5.27E-01	6.86E+01	2.13E-04	6.86E+01	6.95E+01	7.23E-01	0.00E+00	0.00E+00	0.00E+00	7.12E-01
MCN210	1.13E-02	1.68E+00	-2.25E-02	1.73E+00	1.45E-06	0.00E+00	1.51E+03	5.60E-05	1.19E-03	1.24E-02	1.74E-03	2.32E+00	1.73E-08	6.98E-08	5.03E+00	1.09E-01	2.35E-03	8.93E-02	1.63E-02	2.45E-01	6.73E+01	2.41E+00	2.46E-07	7.19E-08	3.94E-03	1.06E-04	3.28E-01	5.37E-01	6.91E+01	2.23E-04	6.91E+01	6.98E+01	7.30E-01	0.00E+00	0.00E+00	0.00E+00	7.03E-01
MCN210A	1.13E-02	1.65E+00	-2.23E-02	1.69E+00	1.45E-06	0.00E+00	1.51E+03	5.64E-05	1.11E-03	1.18E-02	1.74E-03	2.33E+00	1.58E-08	6.79E-08	5.03E+00	1.11E-01	2.36E-03	9.23E-02	1.64E-02	2.44E-01	6.78E+01	2.28E+00	2.47E-07	7.17E-08	3.95E-03	1.06E-04	3.22E-01	5.34E-01	6.96E+01	2.20E-04	6.96E+01	7.01E+01	7.37E-01	0.00E+00	0.00E+00	0.00E+00	7.09E-01
MCN210E	1.13E-02	1.58E+00	-1.80E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	9.56E-04	1.03E-02	1.72E-03	2.19E+00	1.33E-08	6.08E-08	4.61E+00	1.04E-01	2.33E-03	8.80E-02	1.66E-02	2.46E-01	6.68E+01	1.80E+00	2.46E-07	7.22E-08	3.84E-03	1.07E-04	3.07E-01	4.08E-01	6.86E+01	1.98E-04	6.86E+01	6.93E+01	7.15E-01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MCN213	1.19E-02	1.59E+00	-2.05E-02	1.61E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	9.74E-04	1.05E-02	1.76E-03	2.53E+00	1.43E-08	6.74E-08	5.35E+00	1.04E-01	2.39E-03	8.81E-02	1.74E-02	2.57E-01	6.70E+01	1.80E+00	2.48E-07	7.62E-08	3.93E-03	1.09E-04	3.10E-01	4.48E-01	6.88E+01	2.02E-04	6.88E+01	6.96E+01	7.58E-01	0.00E+00	0.00E+00	0.00E+00	7.47E-01
MCN213E	1.17E-02	1.59E+00	-1.80E-02	1.61E+00	1.50E-06	0.00E+00	1.28E+03	4.98E-05	9.72E-04	1.04E-02	1.72E-03	2.52E+00	1.36E-08	6.95E-08	5.56E+00	1.04E-01	2.28E-03	8.81E-02	1.59E-02	2.51E-01	6.68E+01	1.80E+00	2.49E-07	7.43E-08	3.94E-03	1.08E-04	3.15E-01	4.00E-01	6.84E+01	2.11E-04	6.84E+01	6.95E+01	7.35E-01	0.00E+00	0.00E+00	0.00E+00	6.88E-01
MCN216	1.18E-02	1.59E+00	-2.05E-02	1.61E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	9.71E-04	1.04E-02	1.76E-03	2.52E+00	1.37E-08	6.68E-08	5.34E+00	1.04E-01	2.38E-03	8.81E-02	1.72E-02	2.49E-01	6.70E+01	1.80E+00	2.48E-07	7.50E-08	3.91E-03	1.09E-04	3.08E-01	4.48E-01	6.88E+01	2.02E-04	6.88E+01	6.95E+01	7.56E-01	0.00E+00	0.00E+00	0.00E+00	7.38E-01
MCN216A	9.37E-03	1.21E+00	-1.57E-02	1.25E+00	1.48E-06	0.00E+00	9.90E+02	4.78E-05	8.45E-04	8.98E-03	1.57E-03	2.22E+00	1.28E-08	5.99E-08	4.86E+00	1.10E-01	2.08E-03	6.88E-02	1.48E-02	1.47E-01	4.97E+01	1.57E+00	1.55E-07	6.15E-08	3.20E-03	6.22E-05	2.48E-01	3.65E-01	5.13E+01	1.58E-04	5.13E+01	5.18E+01	6.37E-01	0.00E+00	0.00E+00	0.00E+00	6.28E-01
MCN216E	1.18E-02	1.59E+00	-1.76E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	9.66E-04	1.04E-02	1.74E-03	2.52E+00	1.34E-08	6.68E-08	5.34E+00	1.04E-01	2.36E-03	8.81E-02	1.72E-02	2.47E-01	6.69E+01	1.80E+00	2.48E-07	7.49E-08	3.90E-03	1.08E-04	3.16E-01	4.10E-01	6.87E+01	2.02E-04	6.87E+01	6.95E+01	7.26E-01	0.00E+00	0.00E+00	0.00E+00	7.38E-01
MCN220	1.25E-02	1.60E+00	-2.00E-02	1.62E+00	1.50E-06	0.00E+00	1.28E+03	4.95E-05	9.91E-04	1.07E-02	1.79E-03	2.92E+00	1.44E-08	7.44E-08	6.22E+00	1.04E-01	2.43E-03	8.81E-02	1.80E-02	2.58E-01	6.72E+01	1.81E+00	2.51E-07	7.95E-08	4.02E-03	1.10E-04	3.22E-01	4.51E-01	6.90E+01	2.06E-04	6.90E+01	6.98E+01	7.73E-01	0.00E+00	0.00E+00	0.00E+00	7.73E-01
MCN220A	9.93E-03	1.71E+00	-1.53E-02	1.71E+00	1.48E-06	0.00E+00	1.00E+03	4.83E-05	8.72E-04	9.37E-03	1.58E-03	2.95E+00	1.35E-08	7.08E-08	5.95E+00	1.11E-01	2.10E-03	8.00E-02	1.52E-02	1.95E-01	6.29E+01	1.59E+00	1.61E-07	6.43E-08	3.43E-03	8.52E-05	2.67E-01	3.68E-01	6.46E+01	1.64E-04	6.46E+01	6.48E+01	6.49E-01	0.00E+00	0.00E+00	0.00E+00	6.46E-01
MCN220E	1.29E-02	1.78E+00	-1.44E-02	1.79E+00	1.50E-06	0.00E+00	1.28E+03	5.45E-05	1.10E-03	1.19E-02	2.53E-03	2.92E+00	1.46E-08	7.49E-08	9.07E+00	1.47E-01	3.43E-03	8.90E-02	2.12E-02	2.61E-01	7.04E+01	5.60E+00	2.55E-07	8.50E-08	4.58E-03	1.10E-04	3.71E-01	4.88E-01	7.60E+01	2.06E-04	7.60E+01	7.69E+01	8.60E-01	0.00E+00	0.00E+00	0.00E+00	9.10E-01

MCN225	1.37E-02	1.64E+00	-1.56E-02	1.65E+00	1.51E-06	0.00E+00	1.22E+03	5.44E-05	1.02E-03	1.12E-02	1.75E-03	3.65E+00	1.52E-08	8.82E-08	8.14E+00	1.12E-01	2.31E-03	8.98E-02	1.86E-02	2.58E-01	6.69E+01	1.96E+00	2.56E-07	8.68E-08	4.19E-03	1.09E-04	3.26E-01	3.90E-01	6.84E+01	2.56E-04	6.84E+01	6.93E+01	7.40E-01	0.00E+00	0.00E+00	0.00E+00	8.07E-01
MCN225A	1.40E-02	1.69E+00	-1.71E-02	1.72E+00	1.52E-06	0.00E+00	1.32E+03	5.59E-05	1.06E-03	1.16E-02	1.85E-03	3.68E+00	1.55E-08	9.00E-08	8.20E+00	1.09E-01	2.50E-03	9.46E-02	2.04E-02	2.60E-01	6.86E+01	2.02E+00	2.57E-07	9.13E-08	4.34E-03	1.09E-04	3.40E-01	4.40E-01	7.06E+01	2.52E-04	7.06E+01	7.06E+01	8.39E-01	0.00E+00	0.00E+00	0.00E+00	8.68E-01
MCN225E	1.35E-02	1.62E+00	-1.64E-02	1.64E+00	1.52E-06	0.00E+00	1.29E+03	4.95E-05	1.01E-03	1.09E-02	1.83E-03	3.62E+00	1.47E-08	8.69E-08	7.71E+00	1.04E-01	2.47E-03	8.85E-02	1.92E-02	2.57E-01	6.73E+01	1.82E+00	2.55E-07	8.57E-08	4.15E-03	1.09E-04	3.09E-01	4.18E-01	6.91E+01	2.54E-04	6.91E+01	6.98E+01	7.27E-01	0.00E+00	0.00E+00	0.00E+00	8.25E-01
MCN232	1.92E-02	1.75E+00	-1.17E-02	1.78E+00	1.61E-06	0.00E+00	1.02E+03	2.82E-04	1.34E-03	1.42E-02	2.09E-03	7.01E+00	3.71E-07	1.90E-07	1.53E+01	7.48E-01	2.83E-03	9.77E-02	2.70E-02	3.50E-01	6.08E+01	2.30E+00	3.05E-07	1.21E-07	5.16E-03	1.30E-04	7.48E-01	6.48E-01	6.27E+01	3.88E-03	6.27E+01	6.38E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MCN232A	1.92E-02	1.73E+00	-9.39E-03	1.75E+00	1.60E-06	0.00E+00	1.01E+03	2.90E-04	1.30E-03	1.39E-02	2.11E-03	7.01E+00	3.64E-07	1.91E-07	1.52E+01	7.52E-01	2.86E-03	1.00E-01	2.70E-02	3.47E-01	6.26E+01	2.11E+00	3.06E-07	1.21E-07	5.19E-03	1.30E-04	7.41E-01	5.51E-01	6.43E+01	4.02E-03	6.43E+01	6.57E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MCN232E	1.90E-02	1.63E+00	-4.67E-03	1.64E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.14E-03	1.24E-02	2.06E-03	6.97E+00	3.19E-07	1.89E-07	1.50E+01	7.54E-01	2.79E-03	9.57E-02	2.67E-02	3.45E-01	6.02E+01	1.46E+00	2.92E-07	1.20E-07	5.03E-03	1.30E-04	7.35E-01	4.42E-01	6.17E+01	3.84E-03	6.17E+01	6.29E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MCN240	1.93E-02	1.76E+00	-1.15E-02	1.80E+00	1.60E-06	0.00E+00	1.00E+03	2.84E-04	1.36E-03	1.43E-02	2.09E-03	7.01E+00	3.72E-07	1.91E-07	1.53E+01	7.46E-01	2.83E-03	9.78E-02	2.73E-02	3.52E-01	6.09E+01	2.30E+00	3.52E-07	1.21E-07	5.15E-03	1.31E-04	7.51E-01	5.61E-01	6.25E+01	3.83E-03	6.25E+01	6.36E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MCN240A	1.96E-02	1.93E+00	-1.14E-02	1.99E+00	1.59E-06	0.00E+00	1.01E+03	2.90E-04	1.41E-03	1.49E-02	2.11E-03	8.61E+00	3.72E-07	2.01E-07	1.77E+01	7.53E-01	2.86E-03	1.00E-01	2.74E-02	3.51E-01	6.31E+01	2.35E+00	3.60E-07	1.23E-07	5.31E-03	1.37E-04	7.74E-01	5.64E-01	6.47E+01	3.98E-03	6.47E+01	6.61E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MCN240E	1.91E-02	1.65E+00	-4.46E-03	1.66E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.15E-03	1.25E-02	2.06E-03	6.98E+00	3.19E-07	1.90E-07	1.50E+01	7.54E-01	2.79E-03	9.57E-02	2.67E-02	3.46E-01	6.07E+01	1.47E+00	3.45E-07	1.21E-07	5.07E-03	1.31E-04	7.37E-01	4.42E-01	6.21E+01	3.76E-03	6.21E+01	6.33E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MCN250	2.50E-02	1.81E+00	6.20E-03	1.84E+00	1.56E-06	0.00E+00	9.95E+02	2.78E-04	1.42E-03	1.52E-02	2.17E-03	1.14E+01	1.74E-08	2.47E-07	2.35E+01	8.31E-01	2.95E-03	9.79E-02	3.45E-02	3.99E-01	6.11E+01	2.07E+00	3.81E-07	1.62E-07	5.81E-03	1.63E-04	9.46E-01	5.58E-01	6.35E+01	4.26E-03	6.35E+01	6.53E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MCN250A	2.51E-02	2.05E+00	7.00E-03	2.10E+00	1.57E-06	0.00E+00	1.00E+03	2.91E-04	1.56E-03	1.65E-02	2.20E-03	1.16E+01	1.98E-08	2.57E-07	2.40E+01	8.71E-01	2.98E-03	1.01E-01	3.46E-02	3.95E-01	6.22E+01	2.32E+00	3.80E-07	1.64E-07	5.97E-03	1.63E-04	9.68E-01	5.72E-01	6.35E+01	4.33E-03	6.35E+01	6.58E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MCN250E	2.51E-02	1.73E+00	6.99E-03	1.72E+00	1.63E-06	0.00E+00	6.98E+02	3.08E-04	1.26E-03	1.38E-02	2.18E-03	1.22E+01	1.43E-08	2.74E-07	2.51E+01	8.99E-01	2.95E-03	9.66E-02	3.46E-02	4.02E-01	5.91E+01	1.45E+00	3.77E-07	1.64E-07	5.80E-03	1.65E-04	1.03E+00	4.53E-01	6.06E+01	4.23E-03	6.06E+01	6.20E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MCN263	2.50E-02	1.81E+00	6.22E-03	1.84E+00	1.55E-06	0.00E+00	1.00E+03	2.79E-04	1.43E-03	1.54E-02	2.17E-03	1.19E+01	1.74E-08	2.53E-07	2.39E+01	8.37E-01	2.96E-03	9.78E-02	3.78E-02	4.03E-01	6.12E+01	2.07E+00	3.90E-07	1.63E-07	5.85E-03	1.63E-04	9.79E-01	5.58E-01	6.35E+01	4.27E-03	6.35E+01	6.53E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MCN263A	2.52E-02	2.05E+00	7.33E-03	2.10E+00	1.56E-06	0.00E+00	1.02E+03	2.91E-04	1.56E-03	1.66E-02	2.21E-03	1.21E+01	2.01E-08	2.62E-07	2.48E+01	8.78E-01	3.00E-03	1.01E-01	3.78E-02	3.99E-01	6.23E+01	2.34E+00	3.89E-07	1.66E-07	6.01E-03	1.64E-04	1.01E+00	6.64E-01	6.36E+01	4.34E-03	6.36E+01	6.58E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
MCN263E	2.50E-02	1.73E+00	6.02E-03	1.72E+00	1.60E-06	0.00E+00	6.40E+02	2.78E-04	1.28E-03	1.42E-02	2.08E-03	1.18E+01	1.44E-08	2.51E-07	2.38E+01	8.16E-01	2.73E-03	9.67E-02	3.69E-02	4.03E-01	6.09E+01	1.48E+00	3.81E-07	1.63E-07	5.77E-03	1.63E-04	9.78E-01	4.14E-01	6.28E+01	4.07E-03	6.28E+01	6.47E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCN300	2.55E-02	2.49E+00	-1.70E-02	2.50E+00	2.28E-06	0.00E+00	9.10E+02	7.76E-05	1.51E-03	1.68E-02	2.99E-03	2.38E+00	2.10E-08	8.68E-08	5.20E+00	2.19E-01	4.05E-03	1.43E-01	3.47E-02	5.25E-01	1.04E+02	2.18E+00	3.86E-07	1.53E-07	7.39E-03	1.91E-04	7.31E-01	5.26E-01	1.06E+02	5.71E-03	1.06E+02	1.03E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
MCN300E	2.58E-02	2.49E+00	-1.55E-02	2.51E+00	2.30E-06	0.00E+00	9.12E+02	7.87E-05	1.50E-03	1.67E-02	3.14E-03	2.38E+00	2.09E-08	8.61E-08	5.20E+00	2.18E-01	4.25E-03	1.46E-01	3.56E-02	5.26E-01	1.03E+02	2.22E+00	3.89E-07	1.55E-07	7.38E-03	1.88E-04	6.99E-01	5.14E-01	1.05E+02	5.70E-03	1.05E+02	1.03E+02	1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MCN301	2.60E-02	3.09E+00	-2.72E-02	3.11E+00	2.38E-06	0.00E+00	1.29E+03	1.35E-04	1.94E-03	2.07E-02	3.17E-03	4.90E+00	2.56E-08	1.67E-07	1.06E+01	3.37E-01	4.29E-03	1.46E-01	3.61E-02	5.55E-01	1.04E+02	2.70E+00	4.32E-07	1.63E-07	7.89E-03	2.22E-04	8.40E-01	7.72E-01	1.06E+02	6.44E-03	1.06E+02	1.04E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MCN301E	2.60E-02	2.49E+00	-1.80E-02	2.51E+00	2.34E-06	0.00E+00	9.12E+02	1.32E-04	1.51E-03	1.68E-02	3.15E-03	4.85E+00	2.32E-08	1.60E-07	1.04E+01	3.33E-01	4.26E-03	1.46E-01	3.64E-02	5.26E-01	1.03E+02	2.22E+00	3.93E-07	1.57E-07	7.41E-03	1.88E-04	7.80E-01	5.34E-01	1.06E+02	5.77E-03	1.06E+02	1.04E+02	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MCN302	2.61E-02	3.08E+00	-2.76E-02	3.12E+00	2.36E-06	0.00E+00	1.29E+03	1.33E-04	1.94E-03	2.07E-02	3.17E-03	5.37E+00	2.63E-08	1.76E-07	1.16E+01	3.33E-01	4.29E-03	1.46E-01	3.60E-02	5.47E-01	1.04E+02	2.70E+00	4.32E-07	1.63E-07	7.86E-03	2.22E-04	8.32E-01	7.80E-01	1.06E+02	6.41E-03	1.06E+02	1.04E+02	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MCN302E	2.64E-02	2.57E+00	-2.12E-02	2.59E+00	2.32E-06	0.00E+00	1.10E+03	1.19E-04	1.64E-03	1.74E-02	3.12E-03	6.27E+00	2.59E-08	1.98E-07	1.37E+01	3.08E-01	4.22E-03	1.48E-01	3.67E-02	5.16E-01	1.10E+02	2.32E+00	4.15E-07	1.53E-07	7.17E-03	1.85E-04	8.09E-01	6.65E-01	1.13E+02	5.70E-03	1.13E+02	1.14E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MCN303	2.60E-02	3.03E+00	-2.78E-02	3.07E+00	2.39E-06	0.00E+00	1.27E+03	1.57E-04	1.90E-03	2.02E-02	3.12E-03	7.72E+00	2.71E-08	1.86E-07	1.57E+01	4.41E-01	4.23E-03	1.46E-01	3.55E-02	5.37E-01	1.04E+02	2.70E+00	3.96E-07	1.57E-07	7.55E-03	2.00E-04	8.65E-01	7.86E-01	1.05E+02	5.93E-03	1.05E+02	1.04E+02	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MCN303E	2.61E-02	2.49E+00	-1.48E-02	2.51E+00	2.36E-06	0.00E+00	9.16E+02	1.55E-04	1.50E-03	1.68E-02	3.14E-03	7.73E+00	2.26E-08	1.83E-07	1.56E+01	4.35E-01	4.25E-03	1.46E-01	3.60E-02	5.12E-01	1.03E+02	2.20E+00	3.90E-07	1.57E-07	7.33E-03	1.89E-04	8.01E-01	5.14E-01	1.05E+02	5.70E-03	1.05E+02	1.04E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MCN304	2.60E-02	3.04E+00	-2.77E-02	3.08E+00	2.37E-06	0.00E+00	1.27E+03	1.44E-04	1.90E-03	2.02E-02	3.12E-03	7.00E+00	2.71E-08	1.83E-07	1.49E+01	3.55E-01	4.23E-03	1.46E-01	3.56E-02	5.38E-01	1.04E+02	2.71E+00	3.96E-07	1.57E-07	7.55E-03	2.00E-04	8.46E-01	7.86E-01	1.06E+02	5.90E-03	1.06E+02	1.04E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MCN304E	2.61E-02	2.49E+00	-1.55E-02	2.51E+00	2.35E-06	0.00E+00	8.65E+02	1.40E-04	1.50E-03	1.67E-02	3.12E-03	7.00E+00	2.28E-08	1.78E-07	1.48E+01	3.38E-01	4.22E-03	1.45E-01	3.61E-02	5.14E-01	1.03E+02	2.40E+00	3.88E-07	1.57E-07	7.35E-03	1.88E-04	7.80E-01	5.02E-01	1.05E+02	5.67E-03	1.05E+02	1.04E+02	1.55E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MCN306	1.70E-02	2.70E+00	-3.08E-02	2.71E+00	2.01E-06	0.00E+00	1.93E+03	7.83E-05	1.73E-03	1.79E-02	2.54E-03	3.25E+00	2.14E-08	1.01E-07	7.03E+00	1.59E-01	3.44E-03	1.27E-01	2.62E-02	3.59E-01	9.11E+01	3.06E+00	3.63E-07	1.09E-07	5.92E-03	1.60E-04	4.42E-01	6.56E-01	9.30E+01	3.33E-04	9.30E+01	9.21E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MCN306A	1.78E-02	2.92E+00	-3.54E-02	2.93E+00	2.05E-06	0.00E+00	1.94E+03	7.94E-05	1.74E-03	1.80E-02	2.61E-03	3.22E+00	2.30E-08	1.03E-07	7.08E+00	1.64E-01	3.54E-03	1.34E-01	2.64E-02	3.61E-01	1.01E+02	3.04E+00	3.70E-07	1.13E-07	5.95E-03	1.61E-04	4.64E-01	7.19E-01	1.04E+02	3.64E-04	1.04E+02	1.05E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MCN306E	1.70E-02	2.36E+00	-2.75E-02	2.39E+00	1.91E-06	0.00E+00	1.91E+03	7.41E-05	1.43E-03	1.54E-02	2.57E-03	3.26E+00	2.02E-08	9.08E-08	6.88E+00	1.55E-01	3.48E-03	1.33E-01	2.48E-02	3.57E-01	1.00E+02	2.71E+00	3.67E-07	1.08E-07	5.75E-03	1.57E-04	4.34E-01	6.11E-01	1.03E+02	3.80E-04	1.03E+02	1.04E+02	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MCN308	1.62E-02	2.05E+00	-2.43E-02	2.10E+00	2.29E-06	0.00E+00	1.26E+03	6.90E-05	1.32E-03	1.44E-02	2.31E-03	3.43E+00	1.82E-08	9.32E-08	7.18E+00	1.56E-01	3.04E-03	1.13E-01	2.42E-02	3.54E-01	7.85E+01	2.43E+00	3.42E-07	1.04E-07	5.68E-03	1.50E-04	4.48E-01	4.98E-01	8.14E+01	2.96E-04	8.14E+01	8.02E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MCN310	1.72E-02	3.06E+00	-3.47E-02	3.08E+00	2.31E-06	0.00E+00	1.94E+03	7.91E-05	1.74E-03	1.80E-02	2.60E-03	3.40E+00	2.35E-08	9.70E-08	7.51E+00	1.64E-01	3.52E-03	1.33E-01	2.54E-02	3.69E-01	1.01E+02	3.09E+00	3.72E-07	1.10E-07	5.89E-03	1.61E-04	4.92E-01	7.19E-01	1.03E+02	3.31E-04	1.03E+02	1.05E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MCN310A	1.73E-02	3.08E+00	-3.55E-02	3.09E+00	2.30E-06	0.00E+00	1.94E+03	8.06E-05	1.74E-03	1.80E-02	2.62E-03	3.41E+00	2.34E-08	9.89E-08	7.63E+00	1.70E-01	3.54E-03	1.34E-01	2.55E-02	3.66E-01	1.02E+02	3.07E+00	3.73E-07	1.11E-07	5.91E-03	1.61E-04	4.99E-01	7.19E-01	1.05E+02	3.29E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+00
MCN310E	1.27E-02	1.88E+00	-2.92E-02	1.91E+00	2.32E-06	0.00E+00	1.68E+03	6.93E-05	1.19E-03	1.28E-02	2.30E-03	3.21E+00	1.81E-08	8.25E-08	6.49E+00	1.52E-01	3.12E-03	1.00E-01	2.02E-02	2.15E-01	7.22E+01	2.45E+00	2.40E-07	8.32E-08	4.67E-03	9.10E-05	3.54E-01	5.82E-01	7.47E+01	1.81E-04	7.47E+01	7.56E+01	9.35E-01	0.00E+00	0.00E+00	0.00E+00	8.66E-01
MCN313	1.78E-02	2.38E+00	-3.07E-02	2.41E+00	2.32E-06	0.00E+00	1.90E+03	7.40E-05	1.46E-03	1.57E-02	2.64E-03	3.80E+00	2.13E-08	1.01E-07	8.04E+00	1.56E-01	3.57E-03	1.32E-01	2.61E-02	3.87E-01	1.01E+02	2.70E+00	3.72E-07	1.14E-07	5.89E-03	1.64E-04	4.74E-01	6.71E-01	1.03E+02	3.05E-04	1.03E+02	1.04E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MCN313E	1.79E-02	3.07E+00	-3.20E-02	3.08E+00	2.31E-06	0.00E+00	1.93E+03	7.86E-05	1.74E-03	1.81E-02	2.63E-03	3.87E+00	2.36E-08	1.02E-07	8.35E+00	1.63E-01	3.55E-03	1.33E-01	2.60E-02	3.78E-01	1.01E+02	3.09E+00	3.75E-07	1.13E-07	5.96E-03	1.63E-04	4.87E-01	7.01E-01	1.03E+02	3.32E-04	1.03E+02	1.04E+02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MCN316	1.77E-02	2.38E+00	-3.07E-02	2.41E+00	2.32E-06	0.00E+00	1.90E+03	7.40E-05	1.46E-03	1.56E-02	2.63E-03	3.78E+00	2.05E-08	1.00E-07	8.03E+00	1.56E-01	3.57E-03	1.32E-01	2.58E-02	3.74E-01	1.01E+02	2.70E+00	3.72E-07	1.13E-07	5.87E-03	1.64E-04	4.71E-01	6.71E-01	1.03E+02	3.05E-04	1.03E+02	1.04E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MCN316A	1.80E-02	2.40E+00	-3.01E-02	2.43E+00	2.29E-06	0.00E+00	1.90E+03	7.61E-05	1.47E-03	1.59E-02	2.64E-03	4.02E+00	2.09E-08	1.08E-07	8.89E+00	1.64E-01	3.57E-03	1.34E-01	2.61E-02	3.76E-01	1.02E+02	2.71E+00	3.74E-07	1.15E-07	5.96E-03	1.63E-04	5.00E-01	6.45E-01	1.05E+02	3.13E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MCN316E	1.27E-02	1.88E+00	-2.92E-02	1.91E+00	2.32E-06	0.00E+00	1.68E+03	6.93E-05	1.19E-03	1.28E-02	2.31E-03	3.22E+00	1.83E-08	8.28E-08	6.49E+00	1.52E-01	3.12E-03	1.00E-01	2.02E-02	2.19E-01	7.22E+01	2.45E+00	2.40E-07	8.34E-08	4.67E-03	9.12E-05	3.55E-01	5.82E-01	7.47E+01	1.81E-04	7.47E+01	7.56E+01	9.37E-01	0.00E+00	0.00E+00	0.00E+00	8.69E-01
MCN320	1.87E-02	2.40E+00	-2.99E-02	2.43E+00	2.32E-06	0.00E+00	1.91E+03	7.41E-05	1.48E-03	1.60E-02	2.68E-03	4.38E+00	2.15E-08	1.12E-07	9.35E+00	1.56E-01	3.63E-03	1.32E-01	2.70E-02	3.89E-01	1.01E+02	2.70E+00	3.76E-07	1.19E-07	6.02E-03	1.66E-04	4.92E-01	6.75E-01	1.04E+02	3.12E-04	1.04E+02	1.05E+02	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MCN320A	1.88E-02	2.43E+00	-2.96E-02	2.45E+00	2.24E-06	0.00E+00	1.91E+03	7.63E-05	1.50E-03	1.61E-02	2.68E-03	4.51E+00	2.11E-08	1.16E-07	9.91E+00	1.64E-01	3.62E-03	1.34E-01	2.69E-02	3.84E-01	1.03E+02	2.71E+00	3.76E-07	1.19E-07	6.08E-03	1.64E-04	5.01E-01	6.47E-01	1.05E+02	3.33E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MCN320E	1.87E-02	2.40E+00	-2.56E-02	2.43E+00	2.32E-06	0.00E+00	1.91E+03	7.40E-05	1.48E-03	1.59E-02	2.66E-03	4.38E+00	2.09E-08	1.12E-07	9.35E+00	1.56E-01	3.60E-03	1.32E-01	2.70E-02	3.86E-01	1.01E+02	2.70E+00	3.76E-07	1.19E-07	6.00E-03	1.65E-04	5.04E-01	6.19E-01	1.04E+02	3.12E-04	1.04E+02	1.05E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MCN325	2.03E-02	2.43E+00	-2.90E-02	2.46E+00	1.91E-06	0.00E+00	1.91E+03	7.41E-05	1.52E-03	1.63E-02	2.76E-03	5.43E+00	2.26E-08	1.30E-07	1.16E+01	1.55E-01	3.73E-03	1.33E-01	2.88E-02	3.88E-01	1.01E+02	2.71E+00	3.83E-07	1.29E-07	6.23E-03	1.64E-04	4.51E-01	6.83E-01	1.04E+02	4.04E-04	1.04E+02	1.05E+02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MCN325A	2.33E-02	2.46E+00	-2.71E-02	2.50E+00	1.95E-06	0.00E+00	1.91E+03	7.72E-05	1.56E-03	1.68E-02	2.74E-03	5.44E+00	2.22E-08	1.31E-07	1.17E+01	1.63E-01	3.71E-03	1.34E-01	2.90E-02	3.85E-01	1.03E+02	2.72E+00	3.85E-07	1.43E-07	6.56E-03	1.64E-04	4.88E-01	6.51E-01	1.06E+02	4.01E-04	1.06E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MCN325E	2.03E-02	2.43E+00	-2.46E-02	2.46E+00	1.91E-06	0.00E+00	1.91E+03	7.40E-05	1.51E-03	1.63E-02	2.73E-03	5.43E+00	2.20E-08	1.30E-07	1.16E+01	1.55E-01	3.70E-03	1.33E-01	2.88E-02	3.85E-01	1.01E+02	2.71E+00	3.82E-07	1.29E-07	6.22E-03	1.63E-04	4.64E-01	6.26E-01	1.04E+02	4.04E-04	1.04E+02	1.05E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MCN332	2.86E-02	2.44E+00	-1.13E-02	2.46E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.72E-03	1.86E-02	3.12E-03	1.05E+01	4.79E-07	2.84E-07	2.25E+01	1.13E+00	4.22E-03	1.44E-01	4.00E-02	5.21E-01	9.05E+01	2.18E+00	4.38E-07	1.81E-07	7.56E-03	1.97E-04	1.10E+00	7.19E-01	9.27E+01	5.76E-03	9.27E+01	9.45E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MCN332A	3.00E-02	3.16E+00	-1.08E-02	3.17E+00	2.51E-06	0.00E+00	1.08E+03	4.24E-04	1.99E-03	2.12E-02	3.16E-03	1.11E+01	5.28E-07	3.29E-07	2.41E+01	1.12E+00	4.28E-03	1.46E-01	4.16E-02	5.75E-01	9.22E+01	2.75E+00	4.84E-07	1.93E-07	8.32E-03	2.40E-04	1.22E+00	7.92E-01	9.41E+01	6.80E-03	9.41E+01	9.69E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MCN332E	2.86E-02	2.44E+00	-6.93E-03	2.45E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.71E-03	1.85E-02	3.09E-03	1.05E+01	4.78E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.00E-02	5.19E-01	9.04E+01	2.18E+00	4.38E-07	1.81E-07	7.54E-03	1.96E-04	1.11E+00	6.63E-01	9.26E+01	5.76E-03	9.26E+01	9.44E+01	1.77E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MCN340	2.87E-02	2.48E+00	-1.09E-02	2.49E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.73E-03	1.88E-02	3.11E-03	1.05E+01	4.79E-07	2.84E-07	2.25E+01	1.13E+00	4.22E-03	1.44E-01	4.01E-02	5.23E-01	9.11E+01	2.20E+00	5.17E-07	1.82E-07	7.62E-03	1.98E-04	1.10E+00	7.19E-01	9.33E+01	5.64E-03	9.33E+01	9.51E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MCN340A	3.18E-02	3.23E+00	-1.05E-02	3.23E+00	2.53E-06	0.00E+00	1.08E+03	4.24E-04	2.06E-03	2.22E-02	3.16E-03	1.10E+01	5.29E-07	3.28E-07	2.44E+01	1.12E+00	4.27E-03	1.46E-01	4.37E-02	5.97E-01	9.25E+01	2.76E+00	5.62E-07	2.03E-07	8.80E-03	2.37E-04	1.28E+00	7.86E-01	9.44E+01	6.75E-03	9.44E+01	9.66E+01	2.24E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00
MCN340E	2.87E-02	2.48E+00	-6.61E-03	2.49E+00	2.57E-06	0.00E+00	1.05E+03	4.34E-04	1.72E-03	1.87E-02	3.09E-03	1.05E+01	4.79E-07	2.84E-07	2.25E+01	1.13E+00	4.18E-03	1.43E-01	4.01E-02	5.21E-01	9.10E+01	2.20E+00	5.17E-07	1.81E-07	7.60E-03	1.97E-04	1.11E+00	6.63E-01	9.32E+01	5.64E-03	9.32E+01	9.50E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MCN350	3.91E-02	3.47E+00	9.05E-03	3.45E+00	2.53E-06	0.00E+00	1.06E+03	4.46E-04	2.22E-03	2.46E-02	3.27E-03	1.85E+01	2.43E-08	4.08E-07	3.88E+01	1.32E+00	4.44E-03	1.45E-01	5.45E-02	6.37E-01	8.91E+01	2.68E+00	5.88E-07	2.56E-07	9.89E-03	2.50E-04	1.58E+00	7.74E-01	9.13E+01	6.62E-03	9.13E+01	9.32E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MCN350A	3.93E-02	3.51E+00	8.06E-03	3.50E+00	2.52E-06	0.00E+00	1.07E+03	4.45E-04	2.23E-03	2.47E-02	3.30E-03	1.84E+01	2.56E-08	4.09E-07	3.89E+01	1.31E+00	4.47E-03	1.47E-01	5.51E-02	6.52E-01	9.09E+01	2.74E+00	5.93E-07	2.58E-07	1.01E-02	2.50E-04	1.59E+00	7.97E-01	9.30E+01	6.79E-03	9.30E+01	9.51E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
MCN350E	3.76E-02	2.59E+00	1.06E-02	2.58E+00	2.53E-06	0.00E+00	1.03E+03	4.62E-04	1.89E-03	2.07E-02	3.26E-03	1.83E+01	2.14E-08	4.11E-07	3.77E+01	1.35E+00	4.41E-03	1.45E-01	5.18E-02	6.05E-01	8.87E+01	2.17E+00	5.66E-07	2.45E-07	8.70E-03	2.48E-04	1.55E+00	6.79E-01	9.09E+01	6.34E-03	9.09E+01	9.31E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
MCN363	3.96E-02	3.47E+00	9.19E-03	3.46E+00	2.53E-06	0.00E+00	1.06E+03	4.46E-04	2.22E-03	2.46E-02	3.30E-03	1.87E+01	2.57E-08	4.12E-07	3.93E+01	1.32E+00	4.47E-03	1.45E-01	5.50E-02	6.68E-01	8.93E+01	2.69E+00	5.89E-07	2.62E-07	9.97E-03	2.51E-04	1.62E+00	7.81E-01	9.17E+01	6.65E-03	9.17E+01	9.37E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+00
MCN363A	3.97E-02	3.45E+00	8.30E-03	3.46E+00	2.52E-06	0.00E+00	1.06E+03	4.47E-04	2.23E-03	2.46E-02	3.32E-03	1.86E+01	2.65E-08	4.13E-07	3.93E+01	1.32E+00	4.49E-03	1.47E-01	5.53E-02	6.80E-01	9.09E+01	2.74E+00	5.93E-07	2.63E-07	1.02E-02	2.50E-04	1.63E+00	8.03E-01	9.30E+01	6.72E-03	9.30E+01	9.55E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+00
MCN363E	3.82E-02	2.60E+00	1.08E-02	2.59E+00	2.53E-06	0.00E+00	1.03E+03	4.62E-04	1.90E-03	2.09E-02	3.28E-03	1.85E+01	2.26E-08	4.15E-07	3.82E+01	1.35E+00	4.44E-03	1.45E-01	5.25E-02	6.45E-01	8.93E+01	2.17E+00	5.68E-07	2.54E-07	8.78E-03	2.49E-04	1.60E+00	6.81E-01	9.15E+01	6.34E-03	9.15E+01	9.37E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MCN400	3.19E-02	3.20E+00	-2.91E-02	3.22E+00	2.68E-06	0.00E+00	1.91E+03	1.37E-04	2.36E-03	2.54E-02	4.16E-03	4.71E+00	3.01E-08	1.61E-07	1.03E+01	3.47E-01	5.63E-03	1.89E-01	4.10E-02	6.04E-01	1.32E+02	2.99E+00	5.18E-07	2.03E-07	9.92E-03	2.44E-04	9.44E-01	9.33E-01	1.35E+02	7.69E-03	1.35E+02	1.37E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MCN400E	2.27E-02	2.49E+00	-1.66E-02	2.49E+00	2.37E-06	0.00E+00	1.02E+03	1.36E-04	1.48E-03	1.63E-02	2.57E-03	4.54E+00	2.21E-08	1.42E-07	9.49E+00	3.36E-01	3.45E-03	1.84E-01	2.69E-02	3.82E-01	1.30E+02	2.58E+00	4.19E-07	1.42E-07	6.91E-03	1.67E-04	6.52E-01	6.23E-01	1.34E+02	6.74E-03	1.34E+02	1.34E+02	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MCN401	3.19E-02	3.23E+00	-2.91E-02	3.25E+00	2.69E-06	0.00E+00	1.91E+03	1.49E-04	2.36E-03	2.55E-02	4.19E-03	7.41E+00	3.10E-08	1.95E-07	1.58E+01	3.76E-01	5.66E-03	1.89E-01	4.11E-02	6.07E-01	1.32E+02	2.99E+00	5.21E-07	2.03E-07	9.94E-03	2.44E-04	1.01E+00	9.24E-01	1.35E+02	7.70E-03	1.35E+02	1.37E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MCN401E	3.19E-02	3.23E+00	-2.83E-02	3.25E+00	2.69E-06	0.00E+00	1.92E+03	1.49E-04	2.36E-03	2.54E-02	4.18E-03	7.37E+00	2.88E-08	1.95E-07	1.58E+01	3.76E-01	5.65E-03	1.89E-01	4.12E-02	6.05E-01	1.32E+02	2.99E+00	5.20E-07	2.03E-07	9.95E-03	2.44E-04	1.01E+00	9.07E-01	1.35E+02	7.70E-03	1.35E+02	1.37E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MCN402	3.20E-02	3.23E+00	-2.91E-02	3.25E+00	2.69E-06	0.00E+00	1.91E+03	1.44E-04	2.36E-03	2.54E-02	4.16E-03	6.37E+00	3.06E-08	1.79E-07	1.38E+01	3.60E-01	5.64E-03	1.89E-01	4.10E-02	6.04E-01	1.32E+02	3.00E+00	5.19E-07	2.03E-07	9.90E-03	2.45E-04	1.01E+00	9.26E-01	1.35E+02	7.68E-03	1.35E+02	1.37E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MCN402E	3.20E-02	3.23E+00	-2.83E-02	3.25E+00	2.69E-06	0.00E+00	1.91E+03	1.44E-04	2.36E-03	2.54E-02	4.19E-03	6.37E+00	2.91E-08	1.79E-07	1.38E+01	3.60E-01	5.67E-03	1.89E-01	4.12E-02	6.06E-01	1.32E+02	3.00E+00	5.21E-07	2.03E-07	9.93E-03	2.45E-04	1.01E+00	9.08E-01	1.35E+02	7.72E-03	1.35E+02	1.37E+02	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MCN403	2.67E-02	2.52E+00	-1.79E-02	2.51E+00	2.49E-06	0.00E+00	1.03E+03	1.64E-04	1.79E-03	2.02E-02	4.03E-03	9.02E+00	2.60E-08	2.07E-07	1.82E+01	4.73E-01	5.49E-03	1.82E-01	3.81E-02	5.57E-01	1.32E+02	2.51E+00	5.04E-07	1.77E-07	9.05E-03	2.41E-04	9.57E-01	6.56E-01	1.36E+02	7.41E-03	1.36E+02	1.37E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MCN404	3.22E-02	3.21E+00	-3.60E-02	3.24E+00	2.69E-06	0.00E+00	1.91E+03	1.58E-04	2.36E-03	2.54E-02	4.14E-03	8.92E+00	3.06E-08	2.09E-07	1.83E+01	4.59E-01	5.60E-03	1.89E-01	4.14E-02	5.98E-01	1.32E+02	2.99E+00	5.18E-07	2.05E-07	9.88E-03	2.44E-04	1.03E+00	9.56E-01	1.35E+02	7.69E-03	1.35E+02	1.37E+02	2.02E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MCN404E	3.22E-02	3.23E+00	-2.83E-02	3.25E+00	2.69E-06	0.00E+00	1.92E+03	1.58E-04	2.36E-03	2.54E-02	4.19E-03	9.04E+00	2.84E-08	2.09E-07	1.84E+01	4.59E-01	5.67E-03	1.89E-01	4.15E-02	5.98E-01	1.32E+02	3.01E+00	5.21E-07	2.04E-07	9.93E-03	2.44E-04	1.02E+00	9.07E-01	1.35E+02	7.73E-03	1.35E+02	1.37E+02	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MCN406	2.32E-02	3.13E+00	-4.28E-02	3.17E+00	2.39E-06	0.00E+00	2.52E+03	9.58E-05	1.98E-03	2.14E-02	3.52E-03	3.58E+00	2.69E-08	1.34E-07	7.92E+00	2.01E-01	4.75E-03	1.70E-01	3.39E-02	5.10E-01	1.25E+02	3.60E+00	5.38E-07	1.55E-07	8.34E-03	2.25E-04	6.42E-01	9.61E-01	1.28E+02	5.08E-04	1.28E+02	1.30E+02	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MCN406A	2.36E-02	3.07E+00	-3.77E-02	3.13E+00	2.40E-06	0.00E+00	2.50E+03	9.78E-05	1.98E-03	2.13E-02	3.47E-03	3.49E+00	2.73E-08	1.27E-07	7.82E+00	2.02E-01	4.70E-03	1.73E-01	3.34E-02	5.08E-01	1.27E+02	3.52E+00	5.07E-07	1.56E-07	8.30E-03	2.20E-04	6.40E-01	8.63E-01	1.31E+02	4.28E-04	1.31E+02	1.31E+02	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MCN410	2.40E-02	3.16E+00	-3.76E-02	3.19E+00	2.41E-06	0.00E+00	2.54E+03	9.87E-05	1.96E-03	2.11E-02	3.52E-03	4.82E+00	2.79E-08	1.25E-07	1.02E+01	2.07E-01	4.77E-03	1.77E-01	3.40E-02	4.91E-01	1.34E+02	3.62E+00	4.88E-07	1.49E-07	7.89E-03	2.15E-04	6.19E-01	8.71E-01	1.38E+02	4.30E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MCN410A	2.42E-02	3.17E+00	-4.33E-02	3.22E+00	2.41E-06	0.00E+00	2.50E+03	1.02E-04	1.98E-03	2.14E-02	3.54E-03	5.81E+00	2.81E-08	1.55E-07	1.21E+01	2.11E-01	4.79E-03	1.81E-01	3.49E-02	5.03E-01	1.38E+02	3.55E+00	5.28E-07	1.57E-07	8.17E-03	2.20E-04	6.36E-01	9.80E-01	1.41E+02	4.21E-04	1.41E+02	1.42E+02	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MCN410E	2.39E-02	3.17E+00	-3.71E-02	3.20E+00	2.45E-06	0.00E+00	2.55E+03	9.88E-05	1.94E-03	2.09E-02	3.33E-03	4.64E+00	2.64E-08	1.24E-07	9.97E+00	2.06E-01	4.53E-03	1.77E-01	3.38E-02	4.89E-01	1.32E+02	3.62E+00	4.86E-07	1.48E-07	7.83E-03	2.13E-04	6.01E-01	8.39E-01	1.36E+02	4.31E-04	1.36E+02	1.37E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MCN413	2.48E-02	3.18E+00	-3.50E-02	3.22E+00	2.41E-06	0.00E+00	2.55E+03	9.87E-05	1.95E-03	2.10E-02	3.53E-03	5.01E+00	2.80E-08	1.29E-07	1.09E+01	2.07E-01	4.78E-03	1.77E-01	3.46E-02	4.92E-01	1.34E+02	3.63E+00	4.90E-07	1.57E-07	7.90E-03	2.16E-04	6.29E-01	8.65E-01	1.38E+02	4.46E-04	1.38E+02	1.39E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MCN413E	2.48E-02	3.18E+00	-3.49E-02	3.22E+00	2.41E-06	0.00E+00	2.55E+03	9.87E-05	1.95E-03	2.10E-02	3.53E-03	5.01E+00	2.69E-08	1.29E-07	1.09E+01	2.06E-01	4.78E-03	1.77E-01	3.46E-02	4.92E-01	1.34E+02	3.63E+00	4.91E-07	1.57E-07	7.90E-03	2.16E-04	6.29E-01	8.38E-01	1.38E+02	4.32E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MCN416	2.34E-02	2.49E+00	-3.38E-02	2.52E+00	2.41E-06	0.00E+00	2.51E+03	9.35E-05	1.77E-03	1.93E-02	3.49E-03	5.02E+00	2.46E-08	1.31E-07	1.06E+01	2.01E-01	4.72E-03	1.76E-01	3.46E-02	4.90E-01	1.34E+02	2.90E+00	5.04E-07	1.49E-07	7.79E-03	2.13E-04	6.24E-01	7.73E-01	1.38E+02	4.13E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MCN416A	2.51E-02	3.25E+00	-3.52E-02	3.29E+00	2.41E-06	0.00E+00	2.51E+03	1.02E-04	1.96E-03	2.11E-02	3.57E-03	6.10E+00	2.82E-08	1.49E-07	1.29E+01	2.11E-01	4.84E-03	1.81E-01	3.60E-02	5.02E-01	1.38E+02	3.53E+00	4.96E-07	1.62E-07	8.13E-03	2.18E-04	6.35E-01	8.70E-01	1.41E+02	4.44E-04	1.41E+02	1.43E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MCN416E	2.35E-02	3.17E+00	-3.52E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.87E-05	1.93E-03	2.08E-02	3.49E-03	5.04E+00	2.67E-08	1.34E-07	1.07E+01	2.06E-01	4.73E-03	1.76E-01	3.44E-02	4.93E-01	1.34E+02	3.60E+00	4.97E-07	1.50E-07	7.81E-03	2.16E-04	6.32E-01	8.20E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MCN420	2.38E-02	2.46E+00	-2.76E-02	2.47E+00	2.39E-06	0.00E+00	2.16E+03	9.04E-05	1.62E-03	1.79E-02	3.50E-03	5.56E+00	2.43E-08	1.44E-07	1.15E+01	2.08E-01	4.74E-03	1.76E-01	3.60E-02	5.02E-01	1.34E+02	2.93E+00	5.05E-07	1.51E-07	7.80E-03	2.13E-04	6.55E-01	6.47E-01	1.38E+02	4.17E-04	1.38E+02	1.39E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MCN420A	2.55E-02	2.49E+00	-2.79E-02	2.52E+00	2.41E-06	0.00E+00	2.48E+03	9.90E-05	1.79E-03	1.96E-02	3.64E-03	6.70E+00	2.62E-08	1.63E-07	1.39E+01	2.17E-01	4.94E-03	1.82E-01	3.74E-02	5.13E-01	1.38E+02	2.89E+00	5.09E-07	1.65E-07	8.09E-03	2.14E-04	6.57E-01	7.84E-01	1.41E+02	4.95E-04	1.41E+02	1.43E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
MCN420E	2.49E-02	3.20E+00	-3.42E-02	3.24E+00	2.41E-06	0.00E+00	2.55E+03	9.88E-05	1.97E-03	2.12E-02	3.55E-03	5.84E+00	2.80E-08	1.49E-07	1.24E+01	2.06E-01	4.81E-03	1.76E-01	3.60E-02	5.12E-01	1.34E+02	3.62E+00	5.02E-07	1.59E-07	8.02E-03	2.19E-04	6.59E-01	8.26E-01	1.38E+02	4.17E-04	1.38E+02	1.40E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MCN425	2.87E-02	2.50E+00	-2.68E-02	2.50E+00	2.39E-06	0.00E+00	2.52E+03	2.26E-04	1.79E-03	1.97E-02	3.66E-03	8.77E+00	2.52E-08	2.23E-07	1.90E+01	5.04E-01	4.96E-03	1.78E-01	3.88E-02	5.14E-01	1.34E+02	2.93E+00	5.21E-07	1.76E-07	8.21E-03	2.16E-04	7.68E-01	6.51E-01	1.38E+02	5.29E-04	1.38E+02	1.39E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MCN425A	2.90E-02	2.45E+00	-2.70E-02	2.47E+00	2.40E-06	0.00E+00	1.89E+03	2.37E-04	1.67E-03	1.86E-02	3.69E-03	8.96E+00	2.49E-08	2.31E-07	1.90E+01	5.16E-01	5.00E-03	1.83E-01	4.01E-02	5.16E-01	1.38E+02	2.67E+00	5.23E-07	1.79E-07	8.70E-03	2.16E-04	7.79E-01	6.57E-01	1.41E+02	5.23E-04	1.41E+02	1.43E+02	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MCN425E	2.70E-02	3.25E+00	-3.29E-02	3.28E+00	2.41E-06	0.00E+00	2.57E+03	9.90E-05	2.02E-03	2.17E-02	3.66E-03	7.24E+00	2.94E-08	1.74E-07	1.54E+01	2.06E-01	4.95E-03	1.77E-01	3.84E-02	5.12E-01	1.35E+02	3.64E+00	5.10E-07	1.71E-07	8.31E-03	2.18E-04	6.15E-01	8.36E-01	1.38E+02	5.54E-04	1.38E+02	1.40E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
MCN432	3.75E-02	3.26E+00	-2.11E-02	3.26E+00	2.74E-06	0.00E+00	1.55E+03	5.79E-04	2.29E-03	2.49E-02	4.15E-03	1.37E+01	6.38E-07	3.78E-07	2.95E+01	1.50E+00	5.61E-03	1.91E-01	5.27E-02	6.82E-01	1.21E+02	2.92E+00	6.35E-07	2.39E-07	1.02E-02	2.63E-04	1.47E+00	1.03E+00	1.24E+02	7.63E-03	1.24E+02	1.27E+02	2.43E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00

MCN432A	3.83E-02	3.31E+00	-1.28E-02	3.33E+00	2.74E-06	0.00E+00	1.55E+03	5.79E-04	2.32E-03	2.51E-02	4.22E-03	1.37E+01	6.38E-07	3.78E-07	2.96E+01	1.50E+00	5.71E-03	1.97E-01	5.33E-02	6.90E-01	1.25E+02	2.98E+00	6.09E-07	2.40E-07	1.02E-02	2.61E-04	1.48E+00	9.34E-01	1.28E+02	7.92E-03	1.28E+02	1.30E+02	2.46E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MCN432E	3.81E-02	3.26E+00	-9.35E-03	3.27E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.28E-03	2.47E-02	4.13E-03	1.39E+01	6.38E-07	3.79E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.34E-02	6.88E-01	1.21E+02	2.92E+00	5.84E-07	2.41E-07	1.01E-02	2.60E-04	1.47E+00	8.84E-01	1.23E+02	7.68E-03	1.23E+02	1.26E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MCN440	3.70E-02	3.34E+00	-1.14E-02	3.28E+00	2.77E-06	0.00E+00	1.41E+03	5.79E-04	2.31E-03	2.51E-02	4.15E-03	1.41E+01	6.38E-07	3.82E-07	2.95E+01	1.50E+00	5.63E-03	1.92E-01	5.27E-02	6.78E-01	1.23E+02	2.93E+00	7.04E-07	2.41E-07	1.02E-02	2.62E-04	1.47E+00	9.21E-01	1.25E+02	7.61E-03	1.25E+02	1.29E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MCN440A	3.83E-02	3.40E+00	-1.28E-02	3.36E+00	2.77E-06	0.00E+00	1.41E+03	5.79E-04	2.35E-03	2.55E-02	4.23E-03	1.41E+01	6.39E-07	3.88E-07	2.95E+01	1.50E+00	5.74E-03	1.97E-01	5.37E-02	6.94E-01	1.27E+02	2.99E+00	7.22E-07	2.45E-07	1.04E-02	2.63E-04	1.50E+00	9.36E-01	1.29E+02	7.84E-03	1.29E+02	1.32E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
MCN440E	3.83E-02	3.31E+00	-8.92E-03	3.32E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.30E-03	2.50E-02	4.13E-03	1.40E+01	6.38E-07	3.79E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.35E-02	6.91E-01	1.21E+02	2.94E+00	6.90E-07	2.42E-07	1.02E-02	2.62E-04	1.47E+00	8.84E-01	1.24E+02	7.52E-03	1.24E+02	1.27E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MCN450	5.02E-02	3.47E+00	1.31E-02	3.47E+00	2.72E-06	0.00E+00	1.39E+03	6.15E-04	2.60E-03	2.87E-02	4.44E-03	2.47E+01	3.16E-08	5.45E-07	5.07E+01	1.80E+00	6.00E-03	1.94E-01	6.90E-02	7.90E-01	1.22E+02	2.92E+00	9.16E-07	3.30E-07	1.20E-02	3.31E-04	2.02E+00	1.18E+00	1.25E+02	8.75E-03	1.25E+02	1.28E+02	2.93E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00
MCN450A	5.06E-02	3.50E+00	1.31E-02	3.50E+00	2.69E-06	0.00E+00	1.39E+03	6.15E-04	2.57E-03	2.86E-02	4.45E-03	2.46E+01	3.14E-08	5.50E-07	5.00E+01	1.79E+00	6.04E-03	2.00E-01	6.95E-02	8.09E-01	1.23E+02	2.95E+00	7.89E-07	3.30E-07	1.20E-02	3.32E-04	2.03E+00	1.04E+00	1.26E+02	8.80E-03	1.26E+02	1.29E+02	2.93E+00	0.00E+00	0.00E+00	0.00E+00	2.98E+00
MCN450E	4.98E-02	3.46E+00	1.28E-02	3.46E+00	2.69E-06	0.00E+00	1.39E+03	6.15E-04	2.56E-03	2.83E-02	4.41E-03	2.42E+01	3.03E-08	5.41E-07	4.98E+01	1.79E+00	5.97E-03	1.94E-01	6.90E-02	7.90E-01	1.19E+02	2.92E+00	7.50E-07	3.25E-07	1.18E-02	3.28E-04	2.01E+00	9.29E-01	1.22E+02	8.45E-03	1.22E+02	1.26E+02	2.91E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00
MCN463	5.08E-02	3.53E+00	1.31E-02	3.48E+00	2.71E-06	0.00E+00	1.39E+03	6.15E-04	2.57E-03	2.83E-02	4.45E-03	2.49E+01	3.27E-08	5.52E-07	5.03E+01	1.79E+00	6.02E-03	1.94E-01	6.94E-02	8.06E-01	1.22E+02	2.92E+00	7.92E-07	3.36E-07	1.19E-02	3.29E-04	2.05E+00	9.42E-01	1.24E+02	8.79E-03	1.24E+02	1.28E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+00
MCN463A	5.16E-02	3.55E+00	1.31E-02	3.51E+00	2.72E-06	0.00E+00	1.39E+03	6.15E-04	2.58E-03	2.86E-02	4.48E-03	2.50E+01	3.27E-08	5.62E-07	5.05E+01	1.79E+00	6.07E-03	2.01E-01	6.99E-02	8.57E-01	1.24E+02	2.96E+00	8.32E-07	3.45E-07	1.21E-02	3.31E-04	2.08E+00	1.04E+00	1.26E+02	8.79E-03	1.26E+02	1.30E+02	2.98E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00
MCN463E	5.08E-02	3.53E+00	1.31E-02	3.48E+00	2.71E-06	0.00E+00	1.39E+03	6.15E-04	2.57E-03	2.83E-02	4.46E-03	2.49E+01	3.14E-08	5.52E-07	5.03E+01	1.79E+00	6.03E-03	1.94E-01	6.94E-02	8.06E-01	1.22E+02	2.92E+00	7.92E-07	3.36E-07	1.19E-02	3.29E-04	2.05E+00	9.32E-01	1.24E+02	8.79E-03	1.24E+02	1.28E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+00
MCN500	1.62E-02	1.72E+00	-1.16E-02	1.75E+00	1.52E-06	0.00E+00	8.91E+02	7.47E-05	1.12E-03	1.21E-02	2.03E-03	2.87E+00	1.60E-08	6.64E-08	5.75E+00	2.32E-01	2.68E-03	9.73E-02	2.38E-02	3.37E-01	6.65E+01	1.93E+00	2.92E-07	1.03E-07	4.82E-03	1.23E-04	4.43E-01	4.27E-01	6.92E+01	3.79E-03	6.92E+01	7.00E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MCN501	1.62E-02	1.74E+00	-1.51E-02	1.77E+00	1.52E-06	0.00E+00	1.06E+03	7.62E-05	1.13E-03	1.21E-02	2.09E-03	2.89E+00	1.64E-08	6.93E-08	5.95E+00	2.34E-01	2.83E-03	9.79E-02	2.39E-02	3.42E-01	6.67E+01	1.97E+00	3.00E-07	1.03E-07	4.84E-03	1.24E-04	4.48E-01	4.43E-01	6.97E+01	3.80E-03	6.97E+01	7.01E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
MCN502	1.65E-02	1.84E+00	-1.57E-02	1.89E+00	1.52E-06	0.00E+00	1.19E+03	7.86E-05	1.29E-03	1.36E-02	2.12E-03	2.88E+00	1.73E-08	6.90E-08	5.95E+00	2.40E-01	2.87E-03	9.78E-02	2.42E-02	3.41E-01	6.66E+01	2.19E+00	3.05E-07	1.05E-07	4.96E-03	1.31E-04	4.54E-01	5.50E-01	6.96E+01	3.92E-03	6.96E+01	7.01E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MCN503	1.64E-02	1.79E+00	-1.74E-02	1.84E+00	1.47E-06	0.00E+00	1.25E+03	1.39E-04	1.32E-03	1.38E-02	2.09E-03	3.97E+00	1.98E-08	1.21E-07	8.13E+00	3.66E-01	2.83E-03	9.78E-02	2.49E-02	3.40E-01	6.68E+01	2.35E+00	3.00E-07	1.05E-07	4.88E-03	1.23E-04	5.80E-01	6.46E-01	6.96E+01	3.85E-03	6.96E+01	7.01E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MCN504	1.63E-02	1.79E+00	-1.81E-02	1.84E+00	1.46E-06	0.00E+00	1.25E+03	1.01E-04	1.32E-03	1.38E-02	2.09E-03	3.79E+00	1.92E-08	1.20E-07	7.64E+00	2.79E-01	2.83E-03	9.79E-02	2.48E-02	3.41E-01	6.72E+01	2.35E+00	3.00E-07	1.04E-07	4.84E-03	1.21E-04	5.46E-01	6.46E-01	6.95E+01	3.85E-03	6.95E+01	7.02E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MCN506	1.10E-02	1.64E+00	-2.25E-02	1.68E+00	1.47E-06	0.00E+00	1.59E+03	5.63E-05	1.11E-03	1.17E-02	1.72E-03	2.56E+00	1.50E-08	6.10E-08	5.07E+00	1.16E-01	2.34E-03	8.95E-02	1.38E-02	2.27E-01	6.69E+01	2.32E+00	2.45E-07	6.92E-08	3.88E-03	1.04E-04	2.85E-01	5.30E-01	6.86E+01	2.40E-04	6.86E+01	6.94E+01	6.94E-01	0.00E+00	0.00E+00	0.00E+00	5.91E-01
MCN506E	1.09E-02	1.62E+00	-2.38E-02	1.66E+00	1.47E-06	0.00E+00	1.55E+03	5.74E-05	1.17E-03	1.20E-02	1.72E-03	2.50E+00	1.77E-08	6.10E-08	5.08E+00	1.16E-01	2.34E-03	8.81E-02	1.38E-02	2.27E-01	6.67E+01	2.27E+00	2.45E-07	6.91E-08	3.86E-03	1.04E-04	2.86E-01	6.21E-01	6.82E+01	2.48E-04	6.82E+01	6.93E+01	6.88E-01	0.00E+00	0.00E+00	0.00E+00	5.91E-01
MCN508E	1.13E-02	1.58E+00	-1.71E-02	1.59E+00	1.49E-06	0.00E+00	1.15E+03	6.16E-05	9.66E-04	1.04E-02	1.67E-03	3.09E+00	1.32E-08	7.23E-08	6.34E+00	1.35E-01	2.21E-03	8.81E-02	1.68E-02	2.39E-01	6.64E+01	1.75E+00	2.46E-07	7.22E-08	3.89E-03	1.08E-04	3.35E-01	3.81E-01	6.80E+01	2.14E-04	6.80E+01	6.91E+01	7.29E-01	0.00E+00	0.00E+00	0.00E+00	7.17E-01
MCN510	1.12E-02	1.64E+00	-2.23E-02	1.68E+00	1.45E-06	0.00E+00	1.60E+03	5.89E-05	1.11E-03	1.18E-02	1.72E-03	3.05E+00	1.52E-08	7.63E-08	6.15E+00	1.23E-01	2.33E-03	9.00E-02	1.66E-02	2.35E-01	6.70E+01	2.32E+00	2.46E-07	7.12E-08	3.89E-03	1.06E-04	3.29E-01	5.31E-01	6.87E+01	2.39E-04	6.87E+01	6.95E+01	7.37E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-01
MCN510E	1.10E-02	1.58E+00	-1.81E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.91E-05	9.54E-04	1.02E-02	1.72E-03	2.16E+00	1.22E-08	5.96E-08	4.59E+00	1.03E-01	2.33E-03	8.80E-02	1.63E-02	2.29E-01	6.70E+01	1.80E+00	2.46E-07	7.00E-08	3.81E-03	1.07E-04	3.08E-01	4.08E-01	6.88E+01	1.98E-04	6.88E+01	6.95E+01	7.16E-01	0.00E+00	0.00E+00	0.00E+00	7.00E-01
MCN513	9.69E-03	1.21E+00	-1.53E-02	1.25E+00	1.48E-06	0.00E+00	1.00E+03	4.90E-05	8.26E-04	8.70E-03	1.56E-03	2.32E+00	1.29E-08	6.34E-08	5.24E+00	1.12E-01	2.08E-03	6.67E-02	1.49E-02	1.46E-01	4.89E+01	1.62E+00	1.32E-07	6.24E-08	3.10E-03	6.26E-05	2.62E-01	3.64E-01	5.05E+01	1.89E-04	5.05E+01	5.20E+01	6.44E-01	0.00E+00	0.00E+00	0.00E+00	6.38E-01
MCN513E	1.21E-02	1.60E+00	-1.72E-02	1.61E+00	1.52E-06	0.00E+00	1.28E+03	6.32E-05	1.01E-03	1.08E-02	1.73E-03	3.38E+00	1.80E-08	8.03E-08	6.93E+00	1.42E-01	2.30E-03	8.88E-02	1.60E-02	2.53E-01	6.61E+01	1.80E+00	2.51E-07	7.65E-08	4.08E-03	1.09E-04	3.60E-01	4.02E-01	6.76E+01	2.17E-04	6.76E+01	6.88E+01	7.60E-01	0.00E+00	0.00E+00	0.00E+00	6.90E-01
MCN516	1.27E-02	1.63E+00	-1.71E-02	1.66E+00	1.52E-06	0.00E+00	1.34E+03	6.59E-05	1.02E-03	1.11E-02	1.73E-03	3.66E+00	1.43E-08	8.48E-08	7.74E+00	1.37E-01	2.29E-03	9.02E-02	1.76E-02	2.51E-01	6.66E+01	2.01E+00	2.54E-07	8.24E-08	4.08E-03	1.09E-04	3.58E-01	4.09E-01	6.81E+01	2.44E-04	6.81E+01	6.91E+01	7.69E-01	0.00E+00	0.00E+00	0.00E+00	7.58E-01
MCN516E	1.15E-02	1.59E+00	-1.76E-02	1.60E+00	1.50E-06	0.00E+00	1.28E+03	4.91E-05	9.63E-04	1.03E-02	1.75E-03	2.50E+00	1.23E-08	6.56E-08	5.33E+00	1.03E-01	2.36E-03	8.80E-02	1.68E-02	2.30E-01	6.71E+01	1.80E+00	2.48E-07	7.28E-08	3.88E-03	1.08E-04	3.17E-01	4.10E-01	6.89E+01	2.02E-04	6.89E+01	6.97E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-01
MCN520	1.36E-02	1.63E+00	-1.41E-02	1.63E+00	1.53E-06	0.00E+00	1.25E+03	9.61E-05	1.02E-03	1.12E-02	1.69E-03	3.96E+00	1.65E-07	9.15E-08	8.59E+00	1.95E-01	2.23E-03	8.99E-02	1.89E-02	2.56E-01	6.50E+01	2.00E+00	2.56E-07	8.74E-08	3.83E-03	1.11E-04	4.28E-01	3.87E-01	6.65E+01	2.57E-04	6.65E+01	6.76E+01	8.52E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-01
MCN520E	1.35E-02	1.59E+00	-1.47E-02	1.61E+00	1.54E-06	0.00E+00	1.28E+03	9.99E-05	1.01E-03	1.09E-02	1.78E-03	3.91E+00	1.66E-07	9.49E-08	8.51E+00	2.12E-01	2.41E-03	8.85E-02	1.91E-02	2.63E-01	6.41E+01	1.81E+00	2.56E-07	8.63E-08	4.11E-03	1.11E-04	4.42E-01	4.13E-01	6.59E+01	2.21E-04	6.59E+01	6.68E+01	8.55E-01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
MCN525	1.43E-02	1.64E+00	-1.39E-02	1.64E+00	1.53E-06	0.00E+00	1.26E+03	9.94E-05	1.03E-03	1.14E-02	1.75E-03	4.56E+00	1.66E-07	1.08E-07	1.01E+01	2.05E-01	2.31E-03	9.01E-02	1.99E-02	2.57E-01	6.46E+01	1.98E+00	2.60E-07	9.05E-08	4.23E-03	1.11E-04	4.22E-01	3.90E-01	6.65E+01	2.79E-04	6.65E+01	6.72E+01	8.42E-01	0.00E+00	0.00E+00	0.00E+00	8.58E-01
MCN525E	1.45E-02	1.61E+00	-1.40E-02	1.62E+00	1.57E-06	0.00E+00	1.29E+03	1.00E-04	1.03E-03	1.11E-02	1.83E-03	4.61E+00	1.66E-07	1.07E-07	9.99E+00	2.12E-01	2.48E-03	8.88E-02	2.02E-02	2.59E-01	6.41E+01	1.82E+00	2.61E-07	9.20E-08	4.24E-03	1.11E-04	4.15E-01	4.19E-01	6.59E+01	2.69E-04	6.59E+01	6.68E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	8.69E-01
MCN532	1.88E-02	1.75E+00	-1.17E-02	1.79E+00	1.60E-06	0.00E+00	1.01E+03	2.90E-04	1.36E-03	1.43E-02	2.09E-03	7.00E+00	3.71E-07	1.90E-07	1.54E+01	7.53E-01	2.83E-03	9.79E-02	2.64E-02	3.30E-01	6.08E+01	2.35E+00	3.05E-07	1.19E-07	5.13E-03	1.30E-04	7.66E-01	5.61E-01	6.23E+01	3.90E-03	6.23E+01	6.36E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MCN532E	1.86E-02	1.63E+00	-4.67E-03	1.63E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.13E-03	1.23E-02	2.06E-03	6.95E+00	3.17E-07	1.87E-07	1.50E+01	7.53E-01	2.79E-03	9.56E-02	2.60E-02	3.18E-01	6.04E+01	1.46E+00	2.92E-07	1.18E-07	4.98E-03	1.30E-04	7.39E-01	4.42E-01	6.19E+01	3.84E-03	6.19E+01	6.31E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MCN540	1.93E-02	1.77E+00	-1.17E-02	1.80E+00	1.60E-06	0.00E+00	1.00E+03	2.86E-04	1.37E-03	1.44E-02	2.09E-03	7.02E+00	3.72E-07	1.91E-07	1.54E+01	7.48E-01	2.83E-03	9.78E-02	2.73E-02	3.49E-01	6.09E+01	2.34E+00	3.52E-07	1.21E-07	5.17E-03	1.31E-04	7.63E-01	5.61E-01	6.25E+01	3.84E-03	6.25E+01	6.36E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MCN540E	1.91E-02	1.65E+00	-4.47E-03	1.66E+00	1.66E-06	0.00E+00	7.08E+02	2.89E-04	1.15E-03	1.25E-02	2.06E-03	6.98E+00	3.19E-07	1.90E-07	1.50E+01	7.53E-01	2.79E-03	9.56E-02	2.67E-02	3.46E-01	6.07E+01	1.47E+00	3.45E-07	1.21E-07	5.07E-03	1.31E-04	7.41E-01	4.42E-01	6.22E+01	3.76E-03	6.22E+01	6.33E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MCN550	2.49E-02	1.89E+00	6.86E-03	1.91E+00	1.63E-06	0.00E+00	9.95E+02	2.95E-04	1.45E-03	1.56E-02	2.17E-03	1.22E+01	1.74E-08	2.73E-07	2.49E+01	8.69E-01	2.94E-03	9.84E-02	3.48E-02	4.00E-01	6.07E+01	2.09E+00	3.81E-07	1.63E-07	5.84E-03	1.66E-04	1.00E+00	5.59E-01	6.26E+01	4.36E-03	6.26E+01	6.47E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MCN550E	2.48E-02	1.74E+00	6.69E-03	1.72E+00	1.61E-06	0.00E+00	6.39E+02	2.92E-04	1.28E-03	1.41E-02	2.05E-03	1.21E+01	1.44E-08	2.72E-07	2.48E+01	8.50E-01	2.69E-03	9.70E-02	3.47E-02	4.00E-01	6.04E+01	1.46E+00	3.76E-07	1.62E-07	5.79E-03	1.65E-04	9.97E-01	4.12E-01	6.19E+01	4.06E-03	6.19E+01	6.42E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MCN563	2.50E-02	1.99E+00	7.05E-03	2.06E+00	1.57E-06	0.00E+00	1.02E+03	2.95E-04	1.57E-03	1.65E-02	2.20E-03	1.25E+01	2.01E-08	2.78E-07	2.56E+01	8.75E-01	3.00E-03	9.88E-02	3.83E-02	4.07E-01	6.09E+01	2.39E+00	3.91E-07	1.64E-07	5.93E-03	1.66E-04	1.05E+00	5.99E-01	6.27E+01	4.41E-03	6.27E+01	6.46E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MCN563E	2.50E-02	1.74E+00	6.74E-03	1.72E+00	1.61E-06	0.00E+00	6.39E+02	2.93E-04	1.29E-03	1.43E-02	2.05E-03	1.23E+01	1.86E-08	2.75E-07	2.49E+01	8.53E-01	2.70E-03	9.70E-02	3.73E-02	4.04E-01	6.05E+01	1.46E+00	3.81E-07	1.63E-07	5.82E-03	1.66E-04	1.03E+00	4.14E-01	6.20E+01	4.14E-03	6.20E+01	6.42E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MCN600	3.21E-02	3.26E+00	-3.56E-02	3.27E+00	2.69E-06	0.00E+00	1.96E+03	9.04E-05	2.32E-03	2.50E-02	4.14E-03	3.57E+00	2.65E-08	8.90E-08	7.94E+00	2.95E-01	5.61E-03	1.89E-01	4.11E-02	6.03E-01	1.34E+02	2.99E+00	7.30E-07	2.11E-07	1.01E-02	2.49E-04	9.36E-01	1.23E+00	1.37E+02	7.87E-03	1.37E+02	1.38E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MCN601	3.20E-02	3.03E+00	-2.28E-02	3.01E+00	2.66E-06	0.00E+00	1.90E+03	1.41E-04	2.14E-03	2.32E-02	4.14E-03	4.61E+00	2.78E-08	1.46E-07	9.70E+00	3.74E-01	5.59E-03	1.89E-01	4.15E-02	5.94E-01	1.32E+02	2.82E+00	5.34E-07	2.08E-07	9.80E-03	2.46E-04	9.74E-01	8.34E-01	1.35E+02	7.75E-03	1.35E+02	1.37E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MCN602	3.20E-02	3.29E+00	-2.48E-02	3.30E+00	2.67E-06	0.00E+00	1.93E+03	1.46E-04	2.29E-03	2.47E-02	4.17E-03	4.66E+00	2.89E-08	1.53E-07	1.00E+01	3.72E-01	5.63E-03	1.89E-01	4.14E-02	6.00E-01	1.32E+02	3.00E+00	5.47E-07	2.08E-07	9.87E-03	2.47E-04	9.78E-01	9.25E-01	1.35E+02	7.90E-03	1.35E+02	1.37E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MCN603	3.20E-02	3.25E+00	-2.48E-02	3.26E+00	2.67E-06	0.00E+00	1.93E+03	1.69E-04	2.27E-03	2.45E-02	4.14E-03	8.83E+00	2.95E-08	1.91E-07	1.81E+01	4.84E-01	5.60E-03	1.89E-01	4.14E-02	6.00E-01	1.32E+02	2.99E+00	5.26E-07	2.09E-07	9.80E-03	2.47E-04	1.04E+00	9.29E-01	1.35E+02	7.90E-03	1.35E+02	1.37E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MCN604	3.21E-02	3.27E+00	-3.21E-02	3.27E+00	2.67E-06	0.00E+00	1.92E+03	1.53E-04	2.29E-03	2.48E-02	4.19E-03	7.68E+00	2.95E-08	1.98E-07	1.65E+01	3.93E-01	5.66E-03	1.89E-01	4.16E-02	5.95E-01	1.32E+02	3.00E+00	5.83E-07	2.09E-07	1.00E-02	2.49E-04	1.05E+00	1.03E+00	1.35E+02	7.88E-03	1.35E+02	1.37E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MCN606	2.25E-02	3.16E+00	-3.80E-02	3.20E+00	2.45E-06	0.00E+00	2.54E+03	9.33E-05	1.92E-03	2.06E-02	3.35E-03	4.32E+00	2.59E-08	1.26E-07	8.92E+00	1.92E-01	4.53E-03	1.76E-01	3.31E-02	4.70E-01	1.32E+02	3.61E+00	4.90E-07	1.42E-07	7.72E-03	2.11E-04	5.83E-01	8.58E-01	1.36E+02	4.74E-04	1.36E+02	1.37E+02	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MCN606E	2.23E-02	2.42E+00	-2.92E-02	2.45E+00	2.39E-06	0.00E+00	1.54E+03	8.83E-05	1.60E-03	1.77E-02	3.47E-03	4.21E+00	2.17E-08	1.24E-07	8.61E+00	1.87E-01	4.70E-03	1.76E-01	3.33E-02	4.66E-01	1.34E+02	2.70E+00	4.99E-07	1.42E-07	7.65E-03	2.08E-04	5.87E-01	6.33E-01	1.37E+02	4.43E-04	1.37E+02	1.39E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MCN610	2.39E-02	3.13E+00	-3.80E-02	3.18E+00	2.41E-06	0.00E+00	2.55E+03	9.76E-05	1.93E-03	2.09E-02	3.46E-03	4.44E+00	2.74E-08	1.24E-07	1.01E+01	2.06E-01	4.68E-03	1.77E-01	3.33E-02	4.77E-01	1.34E+02	3.61E+00	4.90E-07	1.47E-07	7.79E-03	2.13E-04	6.10E-01	8.67E-01	1.37E+02	4.44E-04	1.37E+02	1.39E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MCN610E	2.24E-02	3.16E+00	-3.61E-02	3.19E+00	2.41E-06	0.00E+00	2.55E+03	9.85E-05	1.91E-03	2.05E-02	3.45E-03	4.35E+00	2.55E-08	1.20E-07	9.20E+00	2.06E-01	4.66E-03	1.76E-01	3.29E-02	4.73E-01	1.34E+02	3.60E+00	4.92E-07	1.42E-07	7.67E-03	2.14E-04	6.15E-01	8.15E-01	1.37E+02	4.02E-04	1.37E+02	1.39E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MCN613	2.35E-02	3.18E+00	-4.10E-02	3.22E+00	2.41E-06	0.00E+00	2.55E+03	9.85E-05	1.94E-03	2.09E-02	3.53E-03	5.03E+00	2.72E-08	1.33E-07	1.07E+01	2.06E-01	4.78E-03	1.76E-01	3.43E-02	4.92E-01	1.34E+02	3.61E+00	4.97E-07	1.49E-07	7.84E-03	2.18E-04	6.19E-01	8.96E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MCN613E	2.46E-02	2.43E+00	-2.51E-02	2.46E+00	2.40E-06	0.00E+00	1.54E+03	9.62E-05	1.61E-03	1.78E-02	3.49E-03	4.93E+00	2.70E-08	1.31E-07	1.11E+01	2.10E-01	4.72E-03	1.77E-01	3.42E-02	4.72E-01	1.33E+02	2.67E+00	5.03E-07	1.50E-07	7.80E-03	2.13E-04	6.39E-01	6.25E-01	1.37E+02	4.20E-04	1.37E+02	1.38E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MCN616	2.33E-02	3.18E+00	-4.10E-02	3.22E+00	2.41E-06	0.00E+00	2.55E+03	9.85E-05	1.94E-03	2.08E-02	3.53E-03	5.02E+00	2.64E-08	1.32E-07	1.07E+01	2.06E-01	4.77E-03	1.76E-01	3.40E-02	4.79E-01	1.34E+02	3.61E+00	4.97E-07	1.48E-07	7.82E-03	2.18E-04	6.16E-01	8.95E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MCN616E	2.33E-02	3.17E+00	-3.52E-02	3.21E+00	2.41E-06	0.00E+00	2.55E+03	9.85E-05	1.93E-03	2.07E-02	3.49E-03	5.02E+00	2.57E-08	1.32E-07	1.07E+01	2.06E-01	4.73E-03	1.76E-01	3.40E-02	4.76E-01	1.34E+02	3.60E+00	4.97E-07	1.48E-07	7.79E-03	2.16E-04	6.33E-01	8.20E-01	1.38E+02	4.09E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MCN620	2.60E-02	3.19E+00	-3.75E-02	3.23E+00	2.45E-06	0.00E+00	2.55E+03	1.49E-04	2.00E-03	2.16E-02	3.59E-03	6.83E+00	1.80E-07	1.69E-07	1.47E+01	3.15E-01	4.86E-03	1.77E-01	3.71E-02	5.21E-01	1.31E+02	3.62E+00	5.08E-07	1.66E-07	8.15E-03	2.22E-04	7.55E-01	9.01E-01	1.35E+02	4.32E-04	1.35E+02	1.37E+02	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCN620E	2.60E-02	3.19E+00	-3.18E-02	3.22E+00	2.45E-06	0.00E+00	2.55E+03	1.49E-04	1.99E-03	2.15E-02	3.55E-03	6.83E+00	1.80E-07	1.69E-07	1.47E+01	3.15E-01	4.81E-03	1.77E-01	3.71E-02	5.18E-01	1.31E+02	3.62E+00	5.08E-07	1.65E-07	8.13E-03	2.21E-04	7.71E-01	8.26E-01	1.35E+02	4.32E-04	1.35E+02	1.37E+02	1.60E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MCN625	2.81E-02	3.24E+00	-3.62E-02	3.27E+00	2.45E-06	0.00E+00	2.57E+03	1.50E-04	2.05E-03	2.21E-02	3.69E-03	8.23E+00	1.82E-07	1.94E-07	1.77E+01	3.14E-01	5.00E-03	1.77E-01	3.95E-02	5.17E-01	1.32E+02	3.64E+00	5.16E-07	1.78E-07	8.43E-03	2.21E-04	7.06E-01	9.12E-01	1.35E+02	5.69E-04	1.35E+02	1.37E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MCN625E	2.81E-02	3.24E+00	-3.05E-02	3.27E+00	2.45E-06	0.00E+00	2.57E+03	1.49E-04	2.03E-03	2.20E-02	3.66E-03	8.23E+00	1.81E-07	1.94E-07	1.77E+01	3.14E-01	4.96E-03	1.77E-01	3.94E-02	5.14E-01	1.31E+02	3.64E+00	5.16E-07	1.78E-07	8.41E-03	2.20E-04	7.22E-01	8.37E-01	1.35E+02	5.69E-04	1.35E+02	1.37E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
MCN632	3.77E-02	3.26E+00	-1.51E-02	3.28E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.28E-03	2.47E-02	4.16E-03	1.39E+01	6.37E-07	3.77E-07	2.99E+01	1.51E+00	5.63E-03	1.91E-01	5.27E-02	6.65E-01	1.21E+02	2.92E+00	5.84E-07	2.38E-07	1.01E-02	2.62E-04	1.46E+00	9.59E-01	1.24E+02	7.68E-03	1.24E+02	1.26E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MCN632E	3.77E-02	3.26E+00	-9.35E-03	3.27E+00	2.74E-06	0.00E+00	1.41E+03	5.78E-04	2.27E-03	2.46E-02	4.13E-03	1.39E+01	6.36E-07	3.77E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.27E-02	6.62E-01	1.21E+02	2.92E+00	5.84E-07	2.38E-07	1.00E-02	2.60E-04	1.47E+00	8.84E-01	1.24E+02	7.68E-03	1.24E+02	1.26E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MCN640	3.83E-02	3.31E+00	-1.47E-02	3.32E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.31E-03	2.51E-02	4.16E-03	1.40E+01	6.39E-07	3.79E-07	3.00E+01	1.51E+00	5.64E-03	1.91E-01	5.35E-02	6.95E-01	1.21E+02	2.94E+00	6.90E-07	2.42E-07	1.02E-02	2.63E-04	1.46E+00	9.60E-01	1.24E+02	7.52E-03	1.24E+02	1.27E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MCN640E	3.83E-02	3.31E+00	-8.92E-03	3.32E+00	2.74E-06	0.00E+00	1.41E+03	5.78E-04	2.30E-03	2.50E-02	4.13E-03	1.40E+01	6.38E-07	3.79E-07	2.99E+01	1.51E+00	5.59E-03	1.91E-01	5.35E-02	6.91E-01	1.21E+02	2.94E+00	6.90E-07	2.42E-07	1.02E-02	2.62E-04	1.48E+00	8.84E-01	1.24E+02	7.52E-03	1.24E+02	1.27E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+00
MCN650	5.03E-02	3.44E+00	1.38E-02	3.42E+00	2.69E-06	0.00E+00	1.38E+03	6.16E-04	2.54E-03	2.79E-02	4.37E-03	2.44E+01	3.18E-08	5.48E-07	5.02E+01	1.79E+00	5.91E-03	1.93E-01	6.94E-02	8.25E-01	1.19E+02	2.91E+00	7.56E-07	3.30E-07	1.17E-02	3.31E-04	2.05E+00	9.39E-01	1.22E+02	8.50E-03	1.22E+02	1.25E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
MCN650E	5.02E-02	3.45E+00	1.40E-02	3.44E+00	2.69E-06	0.00E+00	1.39E+03	6.16E-04	2.52E-03	2.77E-02	4.35E-03	2.44E+01	2.86E-08	5.48E-07	5.03E+01	1.79E+00	5.89E-03	1.93E-01	6.91E-02	8.03E-01	1.18E+02	2.91E+00	7.55E-07	3.27E-07	1.16E-02	3.30E-04	2.05E+00	9.07E-01	1.21E+02	8.46E-03	1.21E+02	1.24E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00
MCN663	5.12E-02	3.45E+00	1.43E-02	3.44E+00	2.69E-06	0.00E+00	1.38E+03	6.16E-04	2.55E-03	2.79E-02	4.41E-03	2.49E+01	3.30E-08	5.53E-07	5.07E+01	1.79E+00	5.97E-03	1.94E-01	7.01E-02	8.50E-01	1.20E+02	2.91E+00	7.57E-07	3.42E-07	1.17E-02	3.32E-04	2.10E+00	9.41E-01	1.23E+02	8.83E-03	1.23E+02	1.26E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
MCN663E	5.10E-02	3.48E+00	1.43E-02	3.46E+00	2.69E-06	0.00E+00	1.39E+03	6.16E-04	2.54E-03	2.79E-02	4.38E-03	2.46E+01	3.02E-08	5.54E-07	5.09E+01	1.80E+00	5.93E-03	1.94E-01	7.00E-02	8.57E-01	1.19E+02	2.91E+00	7.57E-07	3.38E-07	1.17E-02	3.31E-04	2.12E+00	9.09E-01	1.22E+02	8.46E-03	1.22E+02	1.25E+02	3.03E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
MCS006C	5.84E-03	8.20E-01	-8.99E-03	8.29E-01	9.10E-07	0.00E+00	6.69E+02	2.52E-05	4.97E-04	5.34E-03	8.29E-04	1.39E+00	6.87E-09	3.12E-08	2.30E+00	5.28E-02	1.12E-03	4.60E-02	8.76E-03	1.22E-01	3.35E+01	9.44E-01	1.33E-07	4.35E-08	2.01E-03	5.07E-05	1.53E-01	2.00E-01	3.44E+01	1.01E-04	3.44E+01	3.48E+01	3.53E-01	0.00E+00	0.00E+00	0.00E+00	3.76E-01
MCS010C	6.02E-03	8.81E-01	-1.46E-02	9.23E-01	9.50E-07	0.00E+00	1.46E+03	3.20E-05	7.32E-04	7.35E-03	9.22E-04	1.41E+00	1.42E-08	3.42E-08	2.43E+00	7.62E-02	1.31E-03	4.56E-02	8.84E-03	1.24E-01	3.53E+01	1.39E+00	1.30E-07	4.49E-08	2.06E-03	5.11E-05	1.80E-01	2.56E-01	3.67E+01	1.03E-04	3.67E+01	3.74E+01	3.87E-01	0.00E+00	0.00E+00	0.00E+00	3.80E-01
MCS013C	6.11E-03	8.22E-01	-8.66E-03	8.31E-01	9.10E-07	0.00E+00	6.57E+02	2.50E-05	5.02E-04	5.40E-03	8.38E-04	1.57E+00	7.04E-09	3.42E-08	2.69E+00	5.28E-02	1.13E-03	4.57E-02	9.14E-03	1.29E-01	3.36E+01	9.20E-01	1.35E-07	4.54E-08	2.04E-03	5.18E-05	1.72E-01	2.01E-01	3.45E+01	1.03E-04	3.45E+01	3.49E+01	3.73E-01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MCS016C	6.05E-03	8.21E-01	-8.66E-03	8.30E-01	9.10E-07	0.00E+00	6.57E+02	2.50E-05	5.00E-04	5.39E-03	8.37E-04	1.57E+00	6.77E-09	3.39E-08	2.69E+00	5.28E-02	1.13E-03	4.57E-02	9.05E-03	1.25E-01	3.36E+01	9.20E-01	1.35E-07	4.48E-08	2.03E-03	5.18E-05	1.71E-01	2.01E-01	3.45E+01	1.03E-04	3.45E+01	3.49E+01	3.72E-01	0.00E+00	0.00E+00	0.00E+00	3.88E-01
MCS020C	6.29E-03	8.13E-01	-7.91E-03	8.26E-01	9.30E-07	0.00E+00	6.58E+02	6.42E-05	5.05E-04	5.42E-03	8.48E-04	1.74E+00	5.21E-08	4.35E-08	3.54E+00	1.23E-01	1.15E-03	4.55E-02	9.33E-03	1.29E-01	3.36E+01	9.24E-01	1.28E-07	4.58E-08	2.09E-03	5.18E-05	1.88E-01	2.03E-01	3.45E+01	1.23E-04	3.45E+01	3.54E+01	3.96E-01	0.00E+00	0.00E+00	0.00E+00	3.97E-01
MCS106	7.15E-03	7.94E-01	-6.58E-03	8.01E-01	9.54E-07	0.00E+00	6.74E+02	7.45E-05	5.14E-04	5.58E-03	8.30E-04	2.27E+00	1.59E-07	5.26E-08	4.59E+00	1.58E-01	1.12E-03	4.54E-02	1.01E-02	1.45E-01	2.97E+01	9.49E-01	1.35E-07	4.98E-08	2.10E-03	5.05E-05	2.59E-01	2.00E-01	3.06E+01	1.14E-04	3.06E+01	3.11E+01	4.59E-01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MCS110	4.71E-03	5.85E-01	-8.83E-03	5.94E-01	9.28E-07	0.00E+00	6.01E+02	4.40E-05	3.90E-04	4.19E-03	7.83E-04	1.58E+00	7.00E-08	3.65E-08	3.11E+00	9.49E-02	1.06E-03	2.40E-02	7.02E-03	7.44E-02	1.88E+01	8.75E-01	8.53E-08	3.28E-08	1.54E-03	2.37E-05	1.45E-01	1.95E-01	1.97E+01	6.70E-05	1.97E+01	2.01E+01	3.40E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-01
MCS113	4.86E-03	6.05E-01	-8.54E-03	6.13E-01	9.28E-07	0.00E+00	6.01E+02	4.40E-05	4.02E-04	4.33E-03	7.32E-04	1.64E+00	7.00E-08	3.76E-08	3.24E+00	9.49E-02	9.91E-04	3.05E-02	7.28E-03	7.48E-02	2.03E+01	8.73E-01	8.58E-08	3.37E-08	1.59E-03	2.39E-05	1.55E-01	1.90E-01	2.11E+01	6.77E-05	2.11E+01	2.15E+01	3.45E-01	0.00E+00	0.00E+00	0.00E+00	3.13E-01
MCS116	4.72E-03	5.99E-01	-8.66E-03	6.07E-01	9.28E-07	0.00E+00	5.93E+02	4.38E-05	3.98E-04	4.29E-03	7.22E-04	1.58E+00	6.99E-08	3.64E-08	3.11E+00	9.48E-02	9.76E-04	3.05E-02	7.12E-03	7.24E-02	2.02E+01	8.54E-01	8.52E-08	3.28E-08	1.57E-03	2.33E-05	1.52E-01	1.89E-01	2.10E+01	6.71E-05	2.10E+01	2.14E+01	3.41E-01	0.00E+00	0.00E+00	0.00E+00	3.06E-01
MCS120	8.77E-03	8.85E-01	-4.57E-03	8.90E-01	9.34E-07	0.00E+00	6.65E+02	7.12E-05	5.84E-04	6.38E-03	8.54E-04	3.13E+00	7.42E-09	6.77E-08	6.46E+00	1.93E-01	1.16E-03	4.56E-02	1.27E-02	1.31E-01	3.13E+01	9.27E-01	1.42E-07	5.81E-08	2.42E-03	5.44E-05	2.56E-01	2.03E-01	3.23E+01	8.55E-04	3.23E+01	3.27E+01	4.58E-01	0.00E+00	0.00E+00	0.00E+00	5.45E-01
MCS120W	7.84E-03	8.72E-01	-6.69E-03	8.71E-01	9.31E-07	0.00E+00	6.58E+02	6.45E-05	5.53E-04	5.88E-03	8.89E-04	2.95E+00	7.31E-09	5.06E-08	6.22E+00	1.70E-01	1.20E-03	4.54E-02	1.10E-02	1.33E-01	3.20E+01	9.15E-01	1.36E-07	4.82E-08	2.29E-03	5.33E-05	2.29E-01	2.07E-01	3.30E+01	7.98E-04	3.30E+01	3.32E+01	4.46E-01	0.00E+00	0.00E+00	0.00E+00	4.77E-01
MCS125	9.23E-03	8.92E-01	-4.26E-03	8.97E-01	9.34E-07	0.00E+00	6.52E+02	7.11E-05	5.92E-04	6.47E-03	9.23E-04	3.38E+00	7.74E-09	7.45E-08	7.22E+00	1.93E-01	1.25E-03	4.53E-02	1.32E-02	1.34E-01	3.23E+01	9.06E-01	1.39E-07	5.89E-08	2.46E-03	5.34E-05	2.66E-01	2.10E-01	3.32E+01	8.57E-04	3.32E+01	3.36E+01	4.76E-01	0.00E+00	0.00E+00	0.00E+00	5.65E-01
MCS132	1.13E-02	9.08E-01	-1.15E-03	9.09E-01	9.72E-07	0.00E+00	3.93E+02	1.41E-04	6.36E-04	6.91E-03	1.06E-03	4.04E+00	7.06E-09	1.04E-07	8.52E+00	4.09E-01	1.44E-03	4.85E-02	-1.63E+00	1.39E-01	3.18E+01	7.79E-01	1.50E-07	6.62E-08	2.76E-03	6.02E-05	3.52E-01	2.24E-01	3.26E+01	2.70E-03	3.26E+01	3.32E+01	5.76E-01	0.00E+00	0.00E+00	0.00E+00	-7.02E+01
MCS140	1.06E-02	9.13E-01	-1.01E-03	9.14E-01	9.72E-07	0.00E+00	3.83E+02	1.41E-04	6.37E-04	6.92E-03	1.05E-03	4.04E+00	7.04E-09	1.04E-07	8.51E+00	4.09E-01	1.43E-03	4.84E-02	1.53E-02	1.45E-01	3.19E+01	7.58E-01	1.52E-07	6.64E-08	2.78E-03	6.08E-05	3.44E-01	2.23E-01	3.27E+01	2.70E-03	3.27E+01	3.32E+01	5.67E-01	0.00E+00	0.00E+00	0.00E+00	6.58E-01
MCS150	1.36E-02	9.43E-01	2.82E-03	9.40E-01	9.77E-07	0.00E+00	3.86E+02	1.51E-04	6.91E-04	7.57E-03	1.12E-03	6.12E+00	7.36E-09	1.37E-07	1.25E+01	4.38E-01	1.51E-03	4.81E-02	-2.47E+00	1.88E-01	3.08E+01	7.76E-01	1.89E-07	8.48E-08	3.07E-03	7.49E-05	5.11E-01	2.29E-01	3.15E+01	2.85E-03	3.15E+01	3.23E+01	7.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MCS163	1.38E-02	9.49E-01	2.89E-03	9.46E-01	9.77E-07	0.00E+00	3.86E+02	1.51E-04	6.95E-04	7.62E-03	1.12E-03	6.19E+00	7.76E-09	1.39E-07	1.26E+01	4.38E-01	1.52E-03	4.83E-02	-2.47E+00	2.02E-01	3.10E+01	7.76E-01	1.90E-07	8.76E-08	3.10E-03	7.52E-05	5.29E-01	2.30E-01	3.17E+01	2.85E-03	3.17E+01	3.25E+01	7.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MCS206C	1.06E-02	1.35E+00	-2.19E-02	1.39E+00	1.48E-06	0.00E+00	1.50E+03	6.25E-05	1.18E-03	1.22E-02	1.68E-03	2.23E+00	1.63E-08	6.46E-08	4.60E+00	1.57E-01	2.27E-03	5.87E-02	1.30E-02	2.11E-01	5.26E+01	2.20E+00	2.41E-07	7.12E-08	3.77E-03	6.31E-05	3.34E-01	6.07E-01	5.43E+01	2.13E-04	5.43E+01	5.59E+01	7.04E-01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MCS206E	1.09E-02	1.66E+00	-2.06E-02	1.67E+00	1.52E-06	0.00E+00	1.53E+03	1.19E-04	1.18E-03	1.22E-02	1.70E-03	2.54E+00	3.59E-07	7.25E-08	5.40E+00	2.81E-01	2.30E-03	9.65E-02	1.30E-02	2.78E-01	6.45E+01	2.20E+00	2.64E-07	7.19E-08	3.93E-03	1.15E-04	3.66E-01	6.21E-01	6.65E+01	2.52E-04	6.65E+01	6.78E+01	7.61E-01	0.00E+00	0.00E+00	0.00E+00	5.60E-01
MCS210C	1.08E-02	1.36E+00	-2.16E-02	1.40E+00	1.49E-06	0.00E+00	1.49E+03	1.01E-04	1.18E-03	1.22E-02	1.68E-03	2.79E+00	1.63E-08	8.81E-08	6.36E+00	2.51E-01	2.28E-03	5.87E-02	1.62E-02	2.11E-01	5.28E+01	2.21E+00	2.42E-07	7.06E-08	3.78E-03	6.34E-05	3.78E-01	6.09E-01	5.46E+01	2.23E-04	5.46E+01	5.64E+01	7.03E-01	0.00E+00	0.00E+00	0.00E+00	6.99E-01

MCS210E	1.14E-02	1.63E+00	-2.00E-02	1.66E+00	1.53E-06	0.00E+00	1.51E+03	1.71E-04	1.21E-03	1.25E-02	1.69E-03	3.80E+00	3.59E-07	1.17E-07	8.50E+00	4.09E-01	2.29E-03	5.84E-02	1.64E-02	2.27E-01	5.46E+01	2.21E+00	2.51E-07	7.64E-08	4.04E-03	6.39E-05	4.67E-01	6.17E-01	5.69E+01	2.55E-04	5.69E+01	5.78E+01	8.85E-01	0.00E+00	0.00E+00	0.00E+00	7.07E-01
MCS213C	1.16E-02	1.59E+00	-1.72E-02	1.61E+00	1.54E-06	0.00E+00	1.46E+03	1.30E-04	1.13E-03	1.19E-02	1.70E-03	3.06E+00	1.47E-08	8.43E-08	6.72E+00	3.21E-01	2.30E-03	6.17E-02	1.57E-02	2.29E-01	5.76E+01	2.10E+00	2.45E-07	7.79E-08	4.08E-03	6.86E-05	4.02E-01	4.22E-01	6.01E+01	2.25E-04	6.01E+01	6.15E+01	7.20E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-01
MCS216C	1.25E-02	1.59E+00	-1.69E-02	1.61E+00	1.54E-06	0.00E+00	1.46E+03	1.43E-04	1.13E-03	1.20E-02	1.71E-03	4.24E+00	1.47E-08	1.08E-07	9.74E+00	3.30E-01	2.30E-03	6.17E-02	1.79E-02	2.28E-01	5.76E+01	2.10E+00	2.45E-07	8.24E-08	4.08E-03	6.84E-05	4.23E-01	4.22E-01	6.03E+01	2.23E-04	6.03E+01	6.16E+01	7.26E-01	0.00E+00	0.00E+00	0.00E+00	7.55E-01
MCS216E	1.29E-02	1.58E+00	-1.09E-02	1.58E+00	1.56E-06	0.00E+00	1.15E+03	1.89E-04	1.01E-03	1.11E-02	1.63E-03	5.26E+00	2.81E-07	1.27E-07	1.19E+01	4.27E-01	2.16E-03	8.36E-02	1.89E-02	2.72E-01	6.05E+01	1.75E+00	2.64E-07	8.46E-08	3.86E-03	1.00E-04	4.83E-01	3.78E-01	6.25E+01	2.35E-04	6.25E+01	6.38E+01	8.93E-01	0.00E+00	0.00E+00	0.00E+00	7.98E-01
MCS220C	1.35E-02	1.58E+00	-1.10E-02	1.58E+00	1.53E-06	0.00E+00	1.16E+03	1.46E-04	1.01E-03	1.10E-02	1.64E-03	5.03E+00	1.41E-08	1.27E-07	1.23E+01	3.69E-01	2.17E-03	8.47E-02	1.83E-02	2.60E-01	6.35E+01	1.78E+00	2.57E-07	8.83E-08	3.83E-03	1.00E-04	5.34E-01	3.80E-01	6.63E+01	2.39E-04	6.63E+01	6.80E+01	7.30E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
MCS220E	1.27E-02	1.61E+00	-9.36E-03	1.60E+00	1.53E-06	0.00E+00	1.14E+03	1.58E-04	9.99E-04	1.09E-02	1.64E-03	6.11E+00	1.40E-08	1.43E-07	1.41E+01	4.49E-01	2.18E-03	9.75E-02	1.83E-02	2.68E-01	6.50E+01	1.79E+00	2.64E-07	8.50E-08	3.82E-03	1.17E-04	5.88E-01	3.79E-01	6.75E+01	1.27E-03	6.75E+01	6.84E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
MCS225E	1.87E-02	1.77E+00	-1.42E-02	1.80E+00	1.49E-06	0.00E+00	1.49E+03	1.04E-04	1.35E-03	1.44E-02	2.08E-03	7.07E+00	2.02E-08	1.73E-07	1.57E+01	2.48E-01	2.81E-03	9.21E-02	3.22E-02	3.39E-01	6.42E+01	2.22E+00	3.20E-07	1.30E-07	5.42E-03	1.17E-04	7.32E-01	7.44E-01	6.77E+01	1.79E-03	6.77E+01	6.76E+01	1.35E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
MCS240E	2.31E-02	1.95E+00	-7.90E-03	2.01E+00	1.57E-06	0.00E+00	9.56E+02	2.32E-04	1.44E-03	1.51E-02	2.21E-03	1.03E+01	2.08E-08	2.17E-07	2.21E+01	7.12E-01	3.00E-03	9.69E-02	3.48E-02	3.96E-01	6.13E+01	2.05E+00	3.74E-07	1.45E-07	5.50E-03	1.44E-04	7.84E-01	6.66E-01	6.31E+01	4.15E-03	6.31E+01	6.47E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MCS250E	2.50E-02	1.77E+00	6.30E-03	1.81E+00	1.56E-06	0.00E+00	9.33E+02	2.66E-04	1.43E-03	1.52E-02	2.18E-03	1.12E+01	1.65E-08	2.49E-07	2.38E+01	7.98E-01	2.96E-03	9.59E-02	3.46E-02	4.06E-01	6.13E+01	1.81E+00	3.80E-07	1.62E-07	5.78E-03	1.64E-04	9.49E-01	5.58E-01	6.36E+01	4.31E-03	6.36E+01	6.49E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MCS263E	2.51E-02	1.96E+00	6.51E-03	2.04E+00	1.55E-06	0.00E+00	9.54E+02	2.67E-04	1.55E-03	1.64E-02	2.23E-03	1.17E+01	1.92E-08	2.53E-07	2.46E+01	8.08E-01	3.05E-03	9.67E-02	3.81E-02	4.09E-01	6.14E+01	2.09E+00	3.86E-07	1.64E-07	5.82E-03	1.64E-04	9.88E-01	6.61E-01	6.36E+01	4.34E-03	6.36E+01	6.49E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MCS306	2.15E-02	2.36E+00	-1.97E-02	2.38E+00	2.04E-06	0.00E+00	1.91E+03	2.22E-04	1.53E-03	1.66E-02	2.47E-03	6.82E+00	4.76E-07	1.55E-07	1.38E+01	4.71E-01	3.34E-03	1.36E-01	3.02E-02	4.59E-01	8.88E+01	2.72E+00	4.07E-07	1.50E-07	6.32E-03	1.75E-04	7.84E-01	6.00E-01	9.15E+01	4.33E-04	9.15E+01	9.29E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
MCS306C	1.87E-02	2.34E+00	-3.11E-02	2.41E+00	2.11E-06	0.00E+00	1.79E+03	1.21E-04	1.73E-03	1.79E-02	2.46E-03	3.57E+00	2.23E-08	1.24E-07	8.02E+00	2.86E-01	3.35E-03	1.20E-01	2.84E-02	3.73E-01	7.87E+01	3.03E+00	3.66E-07	1.25E-07	5.98E-03	1.60E-04	6.07E-01	7.01E-01	8.19E+01	3.47E-04	8.19E+01	8.15E+01	1.25E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MCS310	1.42E-02	1.74E+00	-2.61E-02	1.77E+00	1.96E-06	0.00E+00	1.72E+03	1.31E-04	1.17E-03	1.26E-02	2.33E-03	4.74E+00	2.10E-07	1.08E-07	9.35E+00	2.82E-01	3.15E-03	7.21E-02	2.10E-02	2.61E-01	5.65E+01	2.52E+00	2.59E-07	9.94E-08	4.64E-03	1.03E-04	4.51E-01	5.84E-01	5.90E+01	2.11E-04	5.90E+01	6.01E+01	1.03E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-01
MCS310C	1.85E-02	2.57E+00	-3.08E-02	2.63E+00	2.31E-06	0.00E+00	1.80E+03	1.72E-04	1.76E-03	1.82E-02	2.52E-03	6.41E+00	2.31E-08	1.55E-07	1.31E+01	4.12E-01	3.41E-03	1.20E-01	2.72E-02	3.80E-01	8.29E+01	3.05E+00	3.71E-07	1.24E-07	6.05E-03	1.59E-04	7.86E-01	7.02E-01	8.49E+01	3.37E-04	8.49E+01	8.49E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MCS313	2.24E-02	2.38E+00	-1.85E-02	2.40E+00	2.45E-06	0.00E+00	1.90E+03	2.22E-04	1.55E-03	1.69E-02	2.51E-03	7.35E+00	4.77E-07	1.65E-07	1.50E+01	4.73E-01	3.39E-03	1.35E-01	3.14E-02	4.88E-01	8.94E+01	2.71E+00	4.12E-07	1.56E-07	6.44E-03	1.82E-04	8.50E-01	6.04E-01	9.21E+01	3.58E-04	9.21E+01	9.36E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+00
MCS313C	1.44E-02	1.73E+00	-2.53E-02	1.76E+00	2.37E-06	0.00E+00	1.70E+03	1.30E-04	1.16E-03	1.25E-02	2.14E-03	4.72E+00	2.10E-07	1.10E-07	9.74E+00	2.83E-01	2.90E-03	9.05E-02	2.12E-02	2.54E-01	5.93E+01	2.49E+00	2.50E-07	9.66E-08	4.62E-03	9.45E-05	4.88E-01	5.65E-01	6.18E+01	2.10E-04	6.18E+01	6.29E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-01
MCS316	1.42E-02	1.74E+00	-2.61E-02	1.77E+00	1.96E-06	0.00E+00	1.72E+03	1.31E-04	1.17E-03	1.26E-02	2.33E-03	4.76E+00	2.10E-07	1.08E-07	9.36E+00	2.82E-01	3.16E-03	7.21E-02	2.11E-02	2.65E-01	5.65E+01	2.53E+00	2.59E-07	9.97E-08	4.64E-03	1.03E-04	4.52E-01	5.84E-01	5.90E+01	2.11E-04	5.90E+01	6.01E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-01
MCS316C	1.41E-02	1.73E+00	-2.55E-02	1.75E+00	2.37E-06	0.00E+00	1.70E+03	1.30E-04	1.16E-03	1.25E-02	2.13E-03	4.55E+00	2.10E-07	1.07E-07	9.37E+00	2.83E-01	2.88E-03	9.04E-02	2.09E-02	2.53E-01	5.92E+01	2.49E+00	2.48E-07	9.47E-08	4.58E-03	9.39E-05	4.82E-01	5.64E-01	6.17E+01	2.08E-04	6.17E+01	6.27E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-01
MCS320	2.64E-02	2.65E+00	-1.35E-02	2.66E+00	2.39E-06	0.00E+00	1.91E+03	2.13E-04	1.75E-03	1.91E-02	2.55E-03	9.40E+00	2.18E-08	2.01E-07	1.94E+01	5.76E-01	3.46E-03	1.37E-01	3.80E-02	4.24E-01	9.42E+01	2.72E+00	4.30E-07	1.76E-07	7.30E-03	1.89E-04	7.98E-01	6.08E-01	9.69E+01	2.58E-03	9.69E+01	9.84E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
MCS320C	1.98E-02	2.21E+00	-1.87E-02	2.28E+00	2.25E-06	0.00E+00	1.25E+03	1.94E-04	1.38E-03	1.52E-02	2.41E-03	8.29E+00	1.81E-08	1.83E-07	1.65E+01	4.65E-01	3.21E-03	1.26E-01	2.80E-02	3.91E-01	8.96E+01	2.67E+00	3.78E-07	1.31E-07	6.07E-03	1.72E-04	7.96E-01	4.89E-01	9.01E+01	3.46E-04	9.01E+01	9.12E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MCS325	2.73E-02	2.63E+00	-1.82E-02	2.65E+00	1.91E-06	0.00E+00	1.87E+03	7.39E-05	1.73E-03	1.88E-02	2.95E-03	1.01E+01	2.27E-08	2.11E-07	2.17E+01	1.55E-01	3.99E-03	1.14E-01	3.66E-02	4.15E-01	9.66E+01	2.66E+00	4.17E-07	1.75E-07	7.26E-03	1.82E-04	7.32E-01	6.47E-01	9.93E+01	2.66E-03	9.93E+01	1.01E+02	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MCS332	3.19E-02	2.73E+00	-2.82E-03	2.73E+00	2.50E-06	0.00E+00	1.07E+03	4.21E-04	1.91E-03	2.07E-02	3.15E-03	1.21E+01	2.07E-08	3.10E-07	2.56E+01	1.22E+00	4.27E-03	1.45E-01	4.59E-02	4.65E-01	9.59E+01	2.21E+00	4.59E-07	2.00E-07	8.36E-03	2.08E-04	1.06E+00	6.69E-01	9.82E+01	8.06E-03	9.82E+01	9.99E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
MCS340	3.41E-02	2.74E+00	-3.05E-03	2.74E+00	2.48E-06	0.00E+00	1.08E+03	4.21E-04	1.91E-03	2.08E-02	3.16E-03	1.21E+01	2.07E-08	3.10E-07	2.56E+01	1.22E+00	4.27E-03	1.45E-01	-4.90E+00	4.44E-01	9.61E+01	2.23E+00	5.33E-07	2.00E-07	8.34E-03	2.06E-04	1.09E+00	6.69E-01	9.83E+01	7.94E-03	9.83E+01	1.00E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	-2.11E+02
MCS350	3.87E-02	2.80E+00	8.52E-03	2.80E+00	2.49E-06	0.00E+00	1.06E+03	4.51E-04	2.06E-03	2.26E-02	3.32E-03	1.84E+01	2.15E-08	4.09E-07	3.75E+01	1.31E+00	4.50E-03	1.44E-01	-7.41E+00	5.90E-01	9.19E+01	2.21E+00	5.70E-07	2.55E-07	9.21E-03	2.49E-04	1.53E+00	6.86E-01	9.42E+01	8.50E-03	9.42E+01	9.64E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	-3.18E+02
MCS363	4.17E-02	2.82E+00	8.77E-03	2.82E+00	2.49E-06	0.00E+00	1.06E+03	4.51E-04	2.07E-03	2.27E-02	3.34E-03	1.86E+01	2.27E-08	4.14E-07	3.80E+01	1.31E+00	4.52E-03	1.45E-01	-7.41E+00	6.31E-01	9.29E+01	2.21E+00	5.72E-07	2.64E-07	9.29E-03	2.49E-04	1.61E+00	6.88E-01	9.51E+01	8.50E-03	9.51E+01	9.74E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	-3.18E+02
MCS506	1.13E-02	1.62E+00	-1.97E-02	1.66E+00	1.53E-06	0.00E+00	1.56E+03	1.63E-04	1.19E-03	1.23E-02	1.69E-03	4.07E+00	3.61E-07	8.34E-08	8.97E+00	4.00E-01	2.29E-03	6.34E-02	1.38E-02	2.15E-01	5.46E+01	2.26E+00	2.49E-07	7.33E-08	3.89E-03	6.81E-05	4.29E-01	6.16E-01	5.66E+01	2.64E-04	5.66E+01	5.76E+01	8.83E-01	0.00E+00	0.00E+00	0.00E+00	5.94E-01
MCS510	1.20E-02	1.63E+00	-1.98E-02	1.66E+00	1.53E-06	0.00E+00	1.57E+03	1.83E-04	1.22E-03	1.27E-02	1.69E-03	5.38E+00	3.59E-07	1.24E-07	1.19E+01	4.56E-01	2.29E-03	8.50E-02	1.72E-02	2.68E-01	5.99E+01	2.27E+00	2.61E-07	7.92E-08	4.05E-03	1.01E-04	5.00E-01	6.17E-01	6.18E+01	2.65E-04	6.18E+01	6.35E+01	9.29E-01	0.00E+00	0.00E+00	0.00E+00	7.32E-01
MCS510E	1.21E-02	1.58E+00	-1.19E-02	1.58E+00	1.57E-06	0.00E+00	1.15E+03	1.75E-04	1.01E-03	1.11E-02	1.64E-03	5.29E+00	2.81E-07	1.16E-07	1.16E+01	4.52E-01	2.18E-03	9.51E-02	1.72E-02	2.66E-01	6.25E+01	1.74E+00	2.67E-07	8.01E-08	3.81E-03	1.17E-04	4.75E-01	3.79E-01	6.44E+01	2.38E-04	6.44E+01	6.57E+01	9.26E-01	0.00E+00	0.00E+00	0.00E+00	7.36E-01
MCS513	1.46E-02	1.59E+00	-1.24E-02	1.60E+00	1.58E-06	0.00E+00	1.27E+03	1.48E-04	1.03E-03	1.12E-02	1.67E-03	4.87E+00	3.17E-07	1.09E-07	9.94E+00	3.14E-01	2.27E-03	9.02E-02	2.05E-02	3.03E-01	5.97E+01	1.81E+00	2.75E-07	1.01E-07	4.26E-03	1.20E-04	5.56E-01	4.03E-01	6.15E+01	2.37E-04	6.15E+01	6.25E+01	9.59E-01	0.00E+00	0.00E+00	0.00E+00	8.82E-01
MCS516	1.45E-02	1.59E+00	-1.24E-02	1.60E+00	1.58E-06	0.00E+00	1.27E+03	1.48E-04	1.03E-03	1.12E-02	1.67E-03	4.87E+00	3.16E-07	1.08E-07	9.93E+00	3.14E-01	2.27E-03	9.02E-02	2.04E-02	2.98E-01	5.96E+01	1.81E+00	2.75E-07	1.01E-07	4.26E-03	1.20E-04	5.51E-01	4.03E-01	6.15E+01	2.37E-04	6.15E+01	6.24E+01	9.54E-01	0.00E+00	0.00E+00	0.00E+00	8.77E-01
MCS516E	1.29E-02	1.58E+00	-1.52E-02	1.59E+00	1.58E-06	0.00E+00	1.38E+03	2.09E-04	1.02E-03	1.11E-02	1.69E-03	6.30E+00	3.01E-07	1.35E-07	1.40E+01	4.71E-01	2.29E-03	6.43E-02	2.02E-02	2.29E-01	5.18E+01	1.82E+00	2.54E-07	8.58E-08	4.11E-03	6.96E-05	5.34E-01	4.20E-01	5.37E+01	2.39E-04	5.37E+01	5.54E+01	9.38E-01	0.00E+00	0.00E+00	0.00E+00	8.57E-01
MCS520	1.30E-02	1.65E+00	-1.43E-02	1.69E+00	1.50E-06	0.00E+00	1.55E+03	1.63E-04	1.25E-03	1.30E-02	1.71E-03	6.97E+00	1.81E-08	1.64E-07	1.53E+01	4.57E-01	2.32E-03	9.72E-02	1.94E-02	2.75E-01	6.43E+01	2.27E+00	2.66E-07	8.61E-08	4.22E-03	1.16E-04	6.46E-01	5.34E-01	6.64E+01	7.59E-04	6.64E+01	6.74E+01	7.81E-01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MCS520E	1.31E-02	1.60E+00	-1.11E-02	1.59E+00	1.54E-06	0.00E+00	1.15E+03	1.61E-04	1.03E-03	1.12E-02	1.64E-03	6.87E+00	1.32E-08	1.61E-07	1.52E+01	4.59E-01	2.18E-03	9.64E-02	1.91E-02	2.74E-01	6.40E+01	1.79E+00	2.66E-07	8.62E-08	4.20E-03	1.18E-04	6.20E-01	3.79E-01	6.61E+01	6.97E-04	6.61E+01	6.72E+01	7.79E-01	0.00E+00	0.00E+00	0.00E+00	8.09E-01
MCS525	1.46E-02	1.68E+00	-9.35E-03	1.68E+00	1.53E-06	0.00E+00	1.12E+03	1.11E-04	1.10E-03	1.21E-02	1.73E-03	7.67E+00	1.46E-08	1.82E-07	1.65E+01	2.94E-01	2.31E-03	9.09E-02	2.46E-02	2.80E-01	6.24E+01	1.77E+00	2.65E-07	1.00E-07	4.66E-03	1.18E-04	6.48E-01	3.99E-01	6.52E+01	1.62E-03	6.52E+01	6.55E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
MCS525E	1.47E-02	1.73E+00	-1.31E-02	1.76E+00	1.50E-06	0.00E+00	1.54E+03	1.14E-04	1.24E-03	1.33E-02	1.81E-03	7.80E+00	1.60E-08	1.84E-07	1.67E+01	2.90E-01	2.48E-03	9.11E-02	2.51E-02	2.84E-01	6.26E+01	2.12E+00	2.64E-07	1.01E-07	4.71E-03	1.17E-04	6.67E-01	5.36E-01	6.55E+01	1.76E-03	6.55E+01	6.57E+01	1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MCS532	2.10E-02	1.89E+00	-1.01E-02	1.96E+00	1.59E-06	0.00E+00	9.54E+02	2.45E-04	1.42E-03	1.50E-02	2.12E-03	1.03E+01	1.88E-08	2.48E-07	2.14E+01	7.39E-01	2.87E-03	9.64E-02	3.42E-02	3.69E-01	6.12E+01	2.06E+00	3.23E-07	1.34E-07	5.46E-03	1.45E-04	7.82E-01	6.48E-01	6.35E+01	4.10E-03	6.35E+01	6.45E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MCS532E	2.07E-02	1.74E+00	-9.79E-03	1.79E+00	1.59E-06	0.00E+00	9.53E+02	2.44E-04	1.37E-03	1.45E-02	2.12E-03	7.81E+00	1.88E-08	2.40E-07	1.77E+01	7.34E-01	2.87E-03	9.64E-02	3.41E-02	3.68E-01	6.12E+01	2.01E+00	3.12E-07	1.32E-07	5.37E-03	1.35E-04	7.68E-01	6.48E-01	6.36E+01	4.09E-03	6.36E+01	6.45E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MCS540	1.90E-02	1.70E+00	-2.45E-03	1.69E+00	1.62E-06	0.00E+00	7.07E+02	2.27E-04	1.12E-03	1.23E-02	1.73E-03	7.86E+00	1.42E-08	2.20E-07	1.82E+01	6.94E-01	2.32E-03	9.49E-02	2.77E-02	3.25E-01	6.16E+01	1.49E+00	3.34E-07	1.19E-07	4.95E-03	1.35E-04	7.07E-01	3.96E-01	6.42E+01	3.77E-03	6.42E+01	6.54E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MCS540E	2.34E-02	1.95E+00	-7.54E-03	2.00E+00	1.57E-06	0.00E+00	9.55E+02	2.41E-04	1.45E-03	1.52E-02	2.12E-03	1.05E+01	1.89E-08	2.43E-07	2.25E+01	7.21E-01	2.87E-03	9.68E-02	3.50E-02	3.84E-01	6.13E+01	2.06E+00	3.71E-07	1.47E-07	5.49E-03	1.45E-04	8.00E-01	5.91E-01	6.35E+01	4.12E-03	6.35E+01	6.51E+01	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MCS550	2.49E-02	1.85E+00	7.20E-03	1.84E+00	1.57E-06	0.00E+00	9.32E+02	2.87E-04	1.45E-03	1.55E-02	2.19E-03	1.20E+01	1.65E-08	2.67E-07	2.49E+01	8.41E-01	2.97E-03	9.64E-02	3.48E-02	4.09E-01	6.09E+01	1.82E+00	3.94E-07	1.63E-07	5.81E-03	1.66E-04	9.90E-01	5.59E-01	6.31E+01	4.55E-03	6.31E+01	6.43E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MCS550E	2.48E-02	1.85E+00	7.20E-03	1.84E+00	1.63E-06	0.00E+00	9.32E+02	2.87E-04	1.45E-03	1.55E-02	2.18E-03	1.20E+01	1.65E-08	2.67E-07	2.49E+01	8.41E-01	2.96E-03	9.64E-02	3.48E-02	4.08E-01	6.09E+01	1.82E+00	3.94E-07	1.63E-07	5.81E-03	1.66E-04	9.91E-01	5.59E-01	6.31E+01	4.55E-03	6.31E+01	6.44E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MCS563	2.50E-02	1.85E+00	7.21E-03	1.84E+00	1.60E-06	0.00E+00	9.36E+02	2.88E-04	1.46E-03	1.56E-02	2.18E-03	1.22E+01	1.67E-08	2.72E-07	2.49E+01	8.44E-01	2.97E-03	9.63E-02	3.80E-02	4.12E-01	6.10E+01	1.82E+00	4.00E-07	1.64E-07	5.84E-03	1.67E-04	1.02E+00	5.60E-01	6.32E+01	4.56E-03	6.32E+01	6.43E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
MCS563E	2.50E-02	1.85E+00	7.07E-03	1.84E+00	1.57E-06	0.00E+00	9.35E+02	2.88E-04	1.46E-03	1.56E-02	2.20E-03	1.23E+01	1.67E-08	2.72E-07	2.52E+01	8.43E-01	2.98E-03	9.67E-02	3.81E-02	4.12E-01	6.10E+01	1.82E+00	4.00E-07	1.64E-07	5.85E-03	1.67E-04	1.03E+00	5.66E-01	6.32E+01	4.56E-03	6.32E+01	6.43E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MCS606	2.80E-02	2.45E+00	-1.91E-02	2.46E+00	2.54E-06	0.00E+00	1.54E+03	2.43E-04	1.67E-03	1.86E-02	3.32E-03	7.25E+00	5.26E-07	1.78E-07	1.52E+01	5.42E-01	4.49E-03	1.80E-01	4.00E-02	5.87E-01	1.19E+02	2.72E+00	5.52E-07	1.95E-07	8.20E-03	2.31E-04	9.61E-01	6.17E-01	1.22E+02	5.13E-04	1.22E+02	1.21E+02	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MCS606E	2.86E-02	3.14E+00	-3.71E-02	3.16E+00	2.60E-06	0.00E+00	2.54E+03	2.48E-04	2.09E-03	2.25E-02	3.32E-03	7.78E+00	6.34E-07	1.92E-07	1.68E+01	5.68E-01	4.49E-03	1.80E-01	4.02E-02	5.95E-01	1.21E+02	3.65E+00	7.18E-07	2.00E-07	8.69E-03	2.39E-04	1.01E+00	1.11E+00	1.24E+02	5.38E-04	1.24E+02	1.23E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MCS610	2.93E-02	3.14E+00	-3.72E-02	3.17E+00	2.61E-06	0.00E+00	2.59E+03	2.84E-04	2.13E-03	2.29E-02	3.34E-03	8.94E+00	6.34E-07	2.06E-07	1.91E+01	6.41E-01	4.51E-03	1.80E-01	4.07E-02	6.15E-01	1.21E+02	3.63E+00	7.34E-07	2.04E-07	8.85E-03	2.43E-04	1.10E+00	1.11E+00	1.25E+02	4.94E-04	1.25E+02	1.25E+02	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MCS610E	2.90E-02	3.13E+00	-3.74E-02	3.16E+00	2.61E-06	0.00E+00	2.53E+03	2.84E-04	2.12E-03	2.29E-02	3.32E-03	8.89E+00	6.34E-07	2.04E-07	1.91E+01	6.36E-01	4.49E-03	1.80E-01	4.05E-02	6.15E-01	1.21E+02	3.65E+00	7.18E-07	2.03E-07	8.84E-03	2.42E-04	1.09E+00	1.11E+00	1.24E+02	4.94E-04	1.24E+02	1.23E+02	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MCS613	2.95E-02	3.18E+00	-2.49E-02	3.20E+00	2.58E-06	0.00E+00	2.54E+03	2.96E-04	2.06E-03	2.25E-02	3.35E-03	9.78E+00	6.34E-07	2.19E-07	1.99E+01	6.28E-01	4.54E-03	1.80E-01	4.15E-02	6.26E-01	1.19E+02	3.62E+00	5.50E-07	2.05E-07	8.57E-03	2.41E-04	1.12E+00	8.06E-01	1.23E+02	4.79E-04	1.23E+02	1.25E+02	1.92E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MCS613E	2.90E-02	3.14E+00	-2.60E-02	3.17E+00	2.57E-06	0.00E+00	2.53E+03	2.69E-04	2.07E-03	2.24E-02	3.34E-03	9.29E+00	6.34E-07	2.05E-07	1.87E+01	5.74E-01	4.52E-03	1.78E-01	4.13E-02	6.17E-01	1.22E+02	3.60E+00	5.45E-07	2.01E-07	8.62E-03	2.39E-04	1.07E+00	8.38E-01	1.26E+02	4.92E-04	1.26E+02	1.26E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MCS616	2.94E-02	3.17E+00	-2.49E-02	3.20E+00	2.58E-06	0.00E+00	2.54E+03	2.96E-04	2.06E-03	2.24E-02	3.35E-03	9.76E+00	6.34E-07	2.18E-07	1.99E+01	6.28E-01	4.53E-03	1.80E-01	4.12E-02	6.13E-01	1.19E+02	3.62E+00	5.50E-07	2.03E-07	8.55E-03	2.41E-04	1.10E+00	8.05E-01	1.23E+02	4.79E-04	1.23E+02	1.25E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MCS616E	2.91E-02	2.45E+00	-2.19E-02	2.46E+00	2.57E-06	0.00E+00	1.49E+03	2.94E-04	1.68E-03	1.89E-02	3.34E-03	9.80E+00	5.29E-07	2.16E-07	1.97E+01	6.22E-01	4.53E-03	1.80E-01	4.11E-02	6.05E-01	1.19E+02	2.67E+00	5.55E-07	2.02E-07	8.37E-03	2.35E-04	1.07E+00	6.28E-01	1.23E+02	4.71E-04	1.23E+02	1.24E+02	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MCS620	3.50E-02	3.53E+00	-1.81E-02	3.55E+00	2.51E-06	0.00E+00	2.56E+03	2.84E-04	2.33E-03	2.55E-02	3.41E-03	1.25E+01	2.78E-08	2.67E-07	2.58E+01	7.65E-01	4.62E-03	1.82E-01	5.03E-02	5.41E-01	1.26E+02	3.63E+00	5.73E-07	2.31E-07	9.71E-03	2.51E-04	1.05E+00	8.12E-01	1.29E+02	3.44E-03	1.29E+02	1.31E+02	1.86E+00	0.00E+00	0.00E+00	0.00E+00	2.16E+00
MCS620E	2.97E-02	2.60E+00	-1.60E-02	2.61E+00	2.49E-06	0.00E+00	1.42E+03	2.02E-04	1.69E-03	1.90E-02	3.34E-03	1.12E+01	2.07E-08	2.43E-07	2.29E+01	4.95E-01	4.52E-03	1.76E-01	4.59E-02	5.73E-01	1.24E+02	2.89E+00	5.55E-07	2.00E-07	8.40E-03	2.33E-04	9.74E-01	6.07E-01	1.29E+02	1.60E-03	1.29E+02	1.29E+02	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.96E+00
MCS625	3.60E-02	3.51E+00	-2.43E-02	3.53E+00	2.41E-06	0.00E+00	2.52E+03	9.86E-05	2.30E-03	2.50E-02	3.94E-03	1.35E+01	2.88E-08	2.79E-07	2.89E+01	2.06E-01	5.34E-03	1.52E-01	4.82E-02	5.26E-01	1.29E+02	3.57E+00	5.57E-07	2.30E-07	9.66E-03	2.42E-04	9.68E-01	8.65E-01	1.33E+02	3.56E-03	1.33E+02	1.34E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	2.07E+00
MCS625E	2.97E-02	2.61E+00	-1.68E-02	2.60E+00	2.40E-06	0.00E+00	1.38E+03	1.18E-04	1.73E-03	1.94E-02	3.68E-03	1.28E+01	2.39E-08	2.68E-07	2.69E+01	2.54E-01	4.99E-03	1.64E-01	4.36E-02	5.26E-01	1.27E+02	2.65E+00	5.59E-07	2.03E-07	8.38E-03	2.30E-04	8.66E-01	6.29E-01	1.31E+02	2.71E-03	1.31E+02	1.33E+02	1.69E+00	0.00E+00	0.00E+00	0.00E+00	1.89E+00
MCS632	3.69E-02	3.41E+00	-1.01E-02	3.44E+00	2.73E-06	0.00E+00	1.54E+03	5.77E-04	2.34E-03	2.55E-02	4.21E-03	1.46E+01	2.97E-08	3.85E-07	3.22E+01	1.59E+00	5.67E-03	1.91E-01	5.20E-02	6.25E-01	1.29E+02	2.94E+00	7.63E-07	2.39E-07	1.04E-02	2.58E-04	1.49E+00	1.16E+00	1.32E+02	8.61E-03	1.32E+02	1.33E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MCS632E	3.67E-02	3.41E+00	-1.01E-02	3.44E+00	2.70E-06	0.00E+00	1.54E+03	5.77E-04	2.30E-03	2.51E-02	4.21E-03	1.43E+01	2.97E-08	3.85E-07	3.10E+01	1.58E+00	5.67E-03	1.91E-01	5.19E-02	6.25E-01	1.27E+02	2.94E+00	6.21E-07	2.35E-07	1.03E-02	2.58E-04	1.49E+00	1.01E+00	1.30E+02	8.61E-03	1.30E+02	1.32E+02	2.39E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MCS640	3.82E-02	3.58E+00	-2.05E-03	3.56E+00	2.68E-06	0.00E+00	1.41E+03	5.76E-04	2.50E-03	2.71E-02	4.21E-03	1.49E+01	2.97E-08	3.87E-07	3.20E+01	1.61E+00	5.69E-03	1.92E-01	5.48E-02	6.27E-01	1.27E+02	2.94E+00	6.98E-07	2.48E-07	1.07E-02	2.58E-04	1.46E+00	9.20E-01	1.30E+02	9.00E-03	1.30E+02	1.32E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+00
MCS640E	3.82E-02	2.69E+00	-1.30E-03	2.70E+00	2.66E-06	0.00E+00	1.10E+03	5.75E-04	1.90E-03	2.16E-02	4.21E-03	1.49E+01	2.33E-08	3.90E-07	3.19E+01	1.60E+00	5.69E-03	1.92E-01	5.40E-02	6.01E-01	1.27E+02	2.24E+00	6.77E-07	2.49E-07	1.01E-02	2.58E-04	1.39E+00	6.64E-01	1.30E+02	8.71E-03	1.30E+02	1.33E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
MFN701	9.93E-03	1.12E+00	-1.21E-04	1.12E+00	9.59E-07	0.00E+00	9.63E+02	1.02E-04	7.37E-04	8.07E-03	1.03E-03	4.43E+00	1.73E-07	9.87E-08	9.46E+00	2.61E-01	1.39E-03	6.08E-02	1.68E-02	3.51E-01	3.96E+01	1.38E+00	1.37E-07	6.81E-08	2.99E-03	1.61E-04	6.20E-01	2.35E-01	4.10E+01	1.96E-04	4.10E+01	4.19E+01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	7.24E-01
MFN702	9.01E-03	1.07E+00	-2.73E-03	1.07E+00	9.44E-07	0.00E+00	8.23E+02	8.43E-05	7.06E-04	7.73E-03	9.72E-04	3.62E+00	4.83E-08	8.23E-08	7.55E+00	2.25E-01	1.32E-03	5.85E-02	1.58E-02	3.16E-01	3.89E+01	1.22E+00	1.31E-07	6.14E-08	2.84E-03	1.44E-04	5.21E-01	2.37E-01	4.01E+01	1.84E-04	4.01E+01	4.08E+01	7.59E-01	0.00E+00	0.00E+00	0.00E+00	6.77E-01
MFN706	7.51E-03	1.04E+00	-3.22E-03	1.02E+00	9.50E-07	0.00E+00	8.02E+02	8.66E-05	6.38E-04	7.08E-03	9.35E-04	3.57E+00	6.23E-08	6.77E-08	7.72E+00	2.26E-01	1.26E-03	6.15E-02	1.40E-02	2.19E-01	3.79E+01	1.19E+00	1.27E-07	5.12E-08	2.51E-03	1.22E-04	4.17E-01	2.18E-01	3.89E+01	1.93E-04	3.89E+01	3.97E+01	5.87E-01	0.00E+00	0.00E+00	0.00E+00	6.06E-01
MFN706A	7.47E-03	1.02E+00	-4.68E-03	1.02E+00	9.49E-07	0.00E+00	7.82E+02	8.62E-05	6.36E-04	7.06E-03	9.36E-04	3.24E+00	5.22E-08	6.70E-08	7.54E+00	2.24E-01	1.27E-03	6.18E-02	1.40E-02	1.67E-01	3.85E+01	1.16E+00	1.27E-07	5.06E-08	2.50E-03	5.67E-05	3.75E-01	2.18E-01	3.96E+01	1.93E-04	3.96E+01	4.04E+01	5.77E-01	0.00E+00	0.00E+00	0.00E+00	6.08E-01
MFN710	7.36E-03	1.03E+00	-3.24E-03	1.03E+00	9.44E-07	0.00E+00	8.13E+02	8.39E-05	6.58E-04	7.16E-03	9.24E-04	2.87E+00	4.56E-08	6.65E-08	5.85E+00	2.24E-01	1.25E-03	6.15E-02	1.36E-02	2.70E-01	3.87E+01	1.19E+00	1.25E-07	5.05E-08	2.60E-03	1.39E-04	3.89E-01	2.24E-01	3.98E+01	1.76E-04	3.98E+01	4.05E+01	6.13E-01	0.00E+00	0.00E+00	0.00E+00	5.86E-01
MFN710A	7.29E-03	9.80E-01	-5.37E-03	9.92E-01	9.46E-07	0.00E+00	7.84E+02	8.38E-05	6.22E-04	6.89E-03	9.12E-04	2.83E+00	5.32E-08	5.74E-08	6.08E+00	2.21E-01	1.24E-03	6.03E-02	1.30E-02	1.53E-01	3.77E+01	1.16E+00	1.27E-07	4.96E-08	2.43E-03	5.76E-05	3.56E-01	2.15E-01	3.88E+01	1.77E-04	3.88E+01	3.96E+01	5.71E-01	0.00E+00	0.00E+00	0.00E+00	5.57E-01
MFN716	7.71E-03	1.03E+00	-4.33E-03	1.01E+00	9.71E-07	0.00E+00	8.03E+02	1.26E-04	6.41E-04	7.05E-03	9.18E-04	3.32E+00	6.06E-08	7.93E-08	6.99E+00	2.89E-01	1.24E-03	6.09E-02	1.46E-02	1.96E-01	3.55E+01	1.17E+00	1.28E-07	5.34E-08	2.49E-03	1.28E-04	4.10E-01	2.16E-01	3.65E+01	2.05E-04	3.65E+01	3.77E+01	5.93E-01	0.00E+00	0.00E+00	0.00E+00	6.29E-01
MFN716A	7.66E-03	9.89E-01	-4.39E-03	9.90E-01	9.65E-07	0.00E+00	7.86E+02	1.24E-04	6.35E-04	7.01E-03	9.14E-04	3.31E+00	5.17E-08	7.88E-08	6.98E+00	2.89E-01	1.24E-03	6.06E-02	1.41E-02	1.59E-01	3.54E+01	1.16E+00	1.28E-07	5.30E-08	2.46E-03	5.76E-05	3.94E-01	2.15E-01	3.64E+01	2.04E-04	3.64E+01	3.77E+01	5.84E-01	0.00E+00	0.00E+00	0.00E+00	6.05E-01
MFN720	1.00E-02	1.01E+00	2.99E-03	1.00E+00	1.01E-06	0.00E+00	8.15E+02	1.92E-04	6.95E-04	7.72E-03	9.45E-04	4.83E+00	8.12E-08	1.09E-07	1.01E+01	5.38E-01	1.28E-03	6.23E-02	1.70E-02	2.80E-01	3.34E+01	1.19E+00	1.36E-07	6.70E-08	2.85E-03	1.43E-04	5.47E-01	2.26E-01	3.46E+01	2.20E-04	3.46E+01	3.54E+01	7.74E-01	0.00E+00	0.00E+00	0.00E+00	7.31E-01
MFN720A	9.80E-03	1.01E+00	3.83E-04	1.00E+00	1.00E-06	0.00E+00	7.80E+02	1.73E-04	6.74E-04	7.46E-03	9.50E-04	4.74E+00	8.03E-08	1.06E-07	9.86E+00	4.84E-01	1.29E-03	6.32E-02	1.64E-02	1.77E-01	3.26E+01	1.15E+00	1.37E-07	6.45E-08	2.71E-03	6.06E-05	5.25E-01	2.28E-01	3.36E+01	2.30E-04	3.36E+01	3.44E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	7.08E-01
MFN725	1.08E-02	1.03E+00	-7.51E-04	1.02E+00	9.88E-07	0.00E+00	7.93E+02	1.62E-04	6.55E-04	7.20E-03	9.53E-04	5.98E+00	7.18E-08	1.33E-07	1.29E+01	4.41E-01	1.29E-03	6.31E-02	1.92E-02	2.46E-01	3.26E+01	1.17E+00	1.36E-07	7.17E-08	2.71E-03	1.27E-04	5.93E-01	2.28E-01	3.35E+01	2.35E-04	3.35E+01	3.48E+01	8.07E-01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
MFN732	1.31E-02	1.02E+00	7.81E-03	1.01E+00	1.03E-06	0.00E+00	8.17E+02	2.33E-04	7.44E-04	8.35E-03	9.77E-04	7.09E+00	8.17E-08	1.52E-07	1.52E+01	6.65E-01	1.32E-03	6.39E-02	2.06E-02	2.85E-01	3.06E+01	1.19E+00	1.49E-07	8.55E-08	3.17E-03	1.48E-04	6.70E-01	2.30E-01	3.18E+01	2.42E-04	3.18E+01	3.27E+01	9.00E-01	0.00E+00	0.00E+00	0.00E+00	8.84E-01
MFN910	1.14E-02	1.45E+00	-9.69E-03	1.46E+00	2.21E-06	0.00E+00	1.27E+03	1.01E-04	1.03E-03	1.11E-02	1.24E-03	4.41E+00	1.37E-07	1.01E-07	8.01E+00	2.52E-01	1.67E-03	6.33E-02	-8.72E-01	3.77E-01	4.57E+01	2.02E+00	1.47E-07	7.11E-08	3.82E-03	1.74E-04	8.02E-01	3.45E-01	4.77E+01	1.37E-03	4.77E+01	4.88E+01	1.15E+00	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
MFN916	1.15E-02	1.45E+00	-9.60E-03	1.46E+00	2.21E-06	0.00E+00	1.27E+03	1.01E-04	1.03E-03	1.12E-02	1.24E-03	4.48E+00	1.37E-07	1.02E-07	8.16E+00	2.52E-01	1.68E-03	6.33E-02	-9.76E-01	3.77E-01	4.57E+01	2.02E+00	1.47E-07	7.16E-08	3.83E-03	1.75E-04	8.01E-01	3.46E-01	4.77E+01	1.37E-03	4.77E+01	4.88E+01	1.15E+00	0.00E+00	0.00E+00	0.00E+00	-4.19E+01
MFN920	1.30E-02	1.39E+00	-3.92E-03	1.39E+00	1.31E-06	0.00E+00	1.14E+03	2.07E-04	1.04E-03	1.14E-02	1.25E-03	6.37E+00	1.72E-07	1.42E-07	1.23E+01	5.62E-01	1.70E-03	6.41E-02	1.96E-02	3.63E-01	4.00E+01	1.84E+00	1.57E-07	8.68E-08	3.99E-03	1.64E-04	9.41E-01	3.47E-01	4.18E+01	1.41E-03	4.18E+01	4.31E+01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-01
MFN925	1.69E-02	1.43E+00	1.30E-03	1.42E+00	4.87E-07	0.00E+00	1.27E+03	2.51E-04	1.10E-03	1.22E-02	1.27E-03	8.39E+00	1.73E-07	1.82E-07	1.63E+01	6.87E-01	1.71E-03	6.56E-02	-1.31E+00	3.90E-01	3.73E+01	1.97E+00	1.69E-07	1.04E-07	4.34E-03	1.81E-04	1.06E+00	3.48E-01	3.93E+01	1.43E-03	3.93E+01	4.07E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	-5.65E+01
MFS701	1.26E-02	1.07E+00	1.36E-03	1.07E+00	1.02E-06	0.00E+00	7.83E+02	1.72E-04	7.56E-04	8.40E-03	1.03E-03	6.37E+00	3.72E-07	1.38E-07	1.40E+01	4.10E-01	1.39E-03	6.89E-02	2.05E-02	2.62E-01	3.73E+01	1.24E+00	1.46E-07	8.45E-08	3.18E-03	8.36E-05	7.54E-01	2.35E-01	3.85E+01	2.37E-04	3.85E+01	3.95E+01	9.89E-01	0.00E+00	0.00E+00	0.00E+00	8.82E-01
MFS702	1.18E-02	1.06E+00	-7.99E-04	1.06E+00	1.01E-06	0.00E+00	7.83E+02	1.56E-04	7.49E-04	8.31E-03	9.73E-04	5.56E+00	2.49E-07	1.22E-07	1.21E+01	3.76E-01	1.32E-03	6.67E-02	1.95E-02	2.47E-01	3.70E+01	1.24E+00	1.42E-07	7.86E-08	3.11E-03	7.86E-05	6.69E-01	2.37E-01	3.82E+01	2.26E-04	3.82E+01	3.92E+01	9.06E-01	0.00E+00	0.00E+00	0.00E+00	8.37E-01
MFS706	1.11E-02	1.03E+00	9.16E-04	1.03E+00	1.01E-06	0.00E+00	7.84E+02	1.66E-04	7.22E-04	7.99E-03	9.80E-04	5.55E+00	3.19E-07	1.20E-07	1.22E+01	3.95E-01	1.33E-03	6.79E-02	1.83E-02	2.06E-01	3.66E+01	1.25E+00	1.41E-07	7.43E-08	2.97E-03	7.32E-05	6.90E-01	2.30E-01	3.79E+01	2.37E-04	3.79E+01	3.88E+01	9.20E-01	0.00E+00	0.00E+00	0.00E+00	7.85E-01
MFS710	1.03E-02	1.04E+00	-1.32E-03	1.04E+00	1.01E-06	0.00E+00	7.72E+02	1.56E-04	7.22E-04	7.99E-03	9.23E-04	4.80E+00	2.46E-07	1.06E-07	1.03E+01	3.75E-01	1.25E-03	6.97E-02	1.73E-02	2.05E-01	3.70E+01	1.21E+00	1.36E-07	6.83E-08	2.93E-03	7.30E-05	5.55E-01	2.24E-01	3.83E+01	2.19E-04	3.83E+01	3.90E+01	7.80E-01	0.00E+00	0.00E+00	0.00E+00	7.45E-01
MFS716	1.04E-02	1.04E+00	-1.23E-03	1.05E+00	1.01E-06	0.00E+00	7.70E+02	1.56E-04	7.24E-04	8.01E-03	9.26E-04	4.87E+00	2.46E-07	1.08E-07	1.05E+01	3.75E-01	1.26E-03	6.97E-02	1.74E-02	2.05E-01	3.71E+01	1.21E+00	1.37E-07	6.89E-08	2.95E-03	7.32E-05	5.58E-01	2.25E-01	3.83E+01	2.20E-04	3.83E+01	3.91E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	7.49E-01
MFS720	1.40E-02	1.01E+00	7.73E-03	1.01E+00	1.09E-06	0.00E+00	7.75E+02	3.07E-04	7.71E-04	8.75E-03	9.42E-04	7.53E+00	2.47E-07	1.65E-07	1.63E+01	8.33E-01	1.28E-03	7.15E-02	2.24E-02	2.09E-01	3.00E+01	1.21E+00	1.52E-07	9.09E-08	3.27E-03	7.92E-05	7.71E-01	2.26E-01	3.12E+01	2.67E-04	3.12E+01	3.22E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	9.61E-01

MFS725	1.61E-02	1.02E+00	1.08E-02	1.00E+00	1.09E-06	0.00E+00	7.47E+02	3.30E-04	7.84E-04	8.94E-03	9.92E-04	9.22E+00	1.92E-07	1.97E-07	2.01E+01	9.20E-01	1.34E-03	7.61E-02	2.52E-02	2.04E-01	3.03E+01	1.09E+00	1.61E-07	1.05E-07	3.46E-03	8.37E-05	8.77E-01	2.31E-01	3.14E+01	2.85E-04	3.14E+01	3.25E+01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MFS732	1.65E-02	1.04E+00	1.11E-02	1.03E+00	1.09E-06	0.00E+00	7.46E+02	3.30E-04	8.11E-04	9.26E-03	1.01E-03	9.46E+00	1.92E-07	2.01E-07	2.06E+01	9.21E-01	1.36E-03	7.61E-02	2.55E-02	2.03E-01	3.05E+01	1.09E+00	1.63E-07	1.07E-07	3.56E-03	8.46E-05	8.83E-01	2.33E-01	3.16E+01	2.88E-04	3.16E+01	3.27E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MHN506	7.08E-03	9.10E-01	-5.75E-03	9.12E-01	9.46E-07	0.00E+00	7.49E+02	8.16E-05	5.92E-04	6.50E-03	9.01E-04	2.94E+00	4.71E-08	5.82E-08	6.16E+00	2.15E-01	1.22E-03	5.62E-02	1.25E-02	1.35E-01	3.49E+01	1.10E+00	1.25E-07	4.87E-08	2.33E-03	5.59E-05	3.16E-01	2.14E-01	3.58E+01	1.79E-04	3.58E+01	3.63E+01	5.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-01
MHN506A	7.31E-03	1.04E+00	-6.77E-03	1.04E+00	9.52E-07	0.00E+00	7.26E+02	8.32E-05	6.67E-04	7.17E-03	9.36E-04	3.09E+00	4.85E-08	6.72E-08	6.41E+00	2.18E-01	1.26E-03	5.93E-02	1.32E-02	1.30E-01	3.73E+01	1.07E+00	1.25E-07	4.95E-08	2.59E-03	5.57E-05	3.21E-01	2.31E-01	3.84E+01	1.87E-04	3.84E+01	3.93E+01	5.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-01
MHN510	6.94E-03	9.05E-01	-5.78E-03	9.10E-01	9.46E-07	0.00E+00	7.42E+02	8.49E-05	5.85E-04	6.38E-03	8.95E-04	2.90E+00	4.81E-08	6.52E-08	5.91E+00	2.18E-01	1.21E-03	5.64E-02	1.28E-02	1.34E-01	3.46E+01	1.10E+00	1.23E-07	4.74E-08	2.32E-03	5.49E-05	3.14E-01	2.22E-01	3.57E+01	1.85E-04	3.57E+01	3.63E+01	5.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-01
MHN510A	7.20E-03	9.54E-01	-6.24E-03	9.62E-01	9.46E-07	0.00E+00	7.24E+02	8.32E-05	6.04E-04	6.66E-03	9.12E-04	2.92E+00	4.81E-08	6.18E-08	6.03E+00	2.15E-01	1.24E-03	5.99E-02	1.30E-02	1.39E-01	3.78E+01	1.07E+00	1.25E-07	4.90E-08	2.42E-03	5.65E-05	3.46E-01	2.15E-01	3.88E+01	1.98E-04	3.88E+01	3.99E+01	5.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-01
MHN516	7.07E-03	9.12E-01	-5.53E-03	9.17E-01	9.46E-07	0.00E+00	7.42E+02	8.50E-05	5.91E-04	6.46E-03	9.02E-04	2.98E+00	4.81E-08	6.68E-08	6.14E+00	2.18E-01	1.22E-03	5.64E-02	1.29E-02	1.40E-01	3.52E+01	1.10E+00	1.23E-07	4.86E-08	2.35E-03	5.63E-05	3.69E-01	2.22E-01	3.63E+01	1.85E-04	3.63E+01	3.68E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-01
MHN516A	7.23E-03	1.03E+00	-6.12E-03	1.03E+00	9.47E-07	0.00E+00	7.25E+02	8.61E-05	6.41E-04	6.97E-03	9.14E-04	2.99E+00	4.82E-08	6.76E-08	6.21E+00	2.21E-01	1.24E-03	6.02E-02	1.36E-02	1.39E-01	3.76E+01	1.07E+00	1.24E-07	4.95E-08	2.48E-03	5.56E-05	3.76E-01	2.29E-01	3.88E+01	1.87E-04	3.88E+01	3.99E+01	5.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-01
MHN520	1.16E-02	9.52E-01	1.53E-03	9.51E-01	1.00E-06	0.00E+00	7.46E+02	1.83E-04	6.73E-04	7.50E-03	9.66E-04	6.18E+00	8.40E-08	1.31E-07	1.32E+01	5.03E-01	1.31E-03	6.42E-02	1.89E-02	1.50E-01	3.23E+01	1.10E+00	1.43E-07	7.56E-08	2.88E-03	6.25E-05	5.11E-01	2.35E-01	3.34E+01	2.41E-04	3.34E+01	3.41E+01	7.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-01
MHN520A	1.17E-02	1.08E+00	1.24E-03	1.07E+00	1.01E-06	0.00E+00	7.29E+02	1.87E-04	8.00E-04	8.64E-03	9.78E-04	6.24E+00	8.38E-08	1.32E-07	1.33E+01	5.34E-01	1.33E-03	6.64E-02	1.93E-02	1.58E-01	3.49E+01	1.07E+00	1.45E-07	7.67E-08	3.26E-03	6.43E-05	5.72E-01	2.44E-01	3.61E+01	2.35E-04	3.61E+01	3.70E+01	8.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-01
MHN525	1.22E-02	9.52E-01	3.14E-03	9.49E-01	1.02E-06	0.00E+00	7.47E+02	2.17E-04	6.84E-04	7.68E-03	9.79E-04	6.54E+00	8.44E-08	1.40E-07	1.40E+01	6.06E-01	1.32E-03	6.46E-02	1.98E-02	1.54E-01	3.13E+01	1.10E+00	1.45E-07	7.92E-08	2.94E-03	6.36E-05	5.55E-01	2.37E-01	3.24E+01	2.46E-04	3.24E+01	3.31E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-01
MHN525A	1.22E-02	9.82E-01	2.85E-03	9.80E-01	1.02E-06	0.00E+00	7.30E+02	2.12E-04	7.00E-04	7.85E-03	9.97E-04	6.53E+00	8.30E-08	1.40E-07	1.39E+01	5.97E-01	1.35E-03	6.58E-02	2.01E-02	1.57E-01	3.39E+01	1.07E+00	1.45E-07	7.98E-08	3.00E-03	6.52E-05	5.77E-01	2.30E-01	3.51E+01	2.43E-04	3.51E+01	3.58E+01	8.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-01
MHN532	1.24E-02	9.57E-01	3.46E-03	9.54E-01	1.02E-06	0.00E+00	7.47E+02	2.17E-04	6.89E-04	7.73E-03	9.93E-04	6.78E+00	8.41E-08	1.44E-07	1.45E+01	6.06E-01	1.34E-03	6.46E-02	2.00E-02	1.50E-01	3.14E+01	1.10E+00	1.47E-07	8.06E-08	2.97E-03	6.43E-05	5.63E-01	2.38E-01	3.25E+01	2.48E-04	3.25E+01	3.33E+01	8.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-01
MHN532A	1.27E-02	9.81E-01	3.00E-03	9.80E-01	1.02E-06	0.00E+00	7.29E+02	2.15E-04	7.01E-04	7.85E-03	9.98E-04	6.80E+00	8.28E-08	1.44E-07	1.46E+01	6.01E-01	1.35E-03	6.67E-02	2.07E-02	1.56E-01	3.32E+01	1.07E+00	1.46E-07	8.23E-08	3.02E-03	6.55E-05	6.08E-01	2.31E-01	3.43E+01	2.53E-04	3.43E+01	3.55E+01	8.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-01
MHN706	8.99E-03	1.11E+00	-8.12E-03	1.13E+00	7.83E-07	0.00E+00	1.46E+03	8.62E-05	9.40E-04	9.58E-03	1.05E-03	3.31E+00	6.06E-08	6.98E-08	7.56E+00	2.28E-01	1.47E-03	6.55E-02	1.51E-02	1.72E-01	4.02E+01	1.55E+00	1.42E-07	6.19E-08	3.10E-03	5.28E-05	4.19E-01	2.74E-01	4.17E+01	2.08E-04	4.17E+01	4.25E+01	6.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-01
MHN710	8.89E-03	1.00E+00	-7.68E-03	1.02E+00	7.48E-07	0.00E+00	7.65E+02	8.24E-05	6.47E-04	7.11E-03	9.69E-04	2.98E+00	5.72E-08	6.63E-08	6.27E+00	2.19E-01	1.31E-03	6.46E-02	1.46E-02	1.44E-01	3.92E+01	1.11E+00	1.38E-07	6.09E-08	2.65E-03	5.12E-05	3.71E-01	2.27E-01	4.04E+01	2.02E-04	4.04E+01	4.09E+01	6.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-01
MHS506	7.76E-03	8.85E-01	-4.62E-03	8.80E-01	9.56E-07	0.00E+00	7.71E+02	1.05E-04	6.05E-04	6.70E-03	8.80E-04	3.30E+00	9.07E-08	6.01E-08	7.32E+00	2.64E-01	1.19E-03	5.32E-02	1.20E-02	1.45E-01	3.36E+01	1.19E+00	1.29E-07	5.26E-08	2.42E-03	5.63E-05	3.96E-01	2.11E-01	3.46E+01	1.87E-04	3.46E+01	3.57E+01	6.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-01
MHS510	7.51E-03	8.72E-01	-4.92E-03	8.78E-01	9.58E-07	0.00E+00	7.72E+02	1.09E-04	6.28E-04	6.81E-03	8.72E-04	3.28E+00	9.55E-08	6.10E-08	7.22E+00	2.82E-01	1.18E-03	5.12E-02	1.20E-02	1.46E-01	3.37E+01	1.20E+00	1.28E-07	5.19E-08	2.44E-03	5.56E-05	4.07E-01	2.21E-01	3.48E+01	1.84E-04	3.48E+01	3.59E+01	6.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-01
MHS516	8.22E-03	8.99E-01	-2.88E-03	9.02E-01	9.71E-07	0.00E+00	7.72E+02	1.19E-04	6.07E-04	6.69E-03	8.79E-04	3.77E+00	9.54E-08	8.34E-08	8.08E+00	3.01E-01	1.19E-03	5.54E-02	1.44E-02	1.49E-01	3.26E+01	1.22E+00	1.28E-07	5.57E-08	2.45E-03	5.67E-05	4.87E-01	2.20E-01	3.39E+01	1.92E-04	3.39E+01	3.46E+01	7.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-01
MHT706	8.80E-03	1.18E+00	-1.67E-02	1.18E+00	9.67E-07	0.00E+00	1.10E+03	4.04E-05	1.05E-03	1.05E-02	1.10E-03	1.95E+00	1.59E-08	6.47E-08	4.11E+00	1.01E-01	1.55E-03	5.75E-02	1.13E-02	2.04E-01	3.92E+01	1.35E+00	9.55E-08	5.47E-08	3.21E-03	6.11E-05	5.26E-01	4.30E-01	4.08E+01	3.35E-03	4.08E+01	4.18E+01	7.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-01
MHT710	7.36E-03	1.15E+00	-1.02E-02	1.16E+00	9.52E-07	0.00E+00	6.07E+02	3.73E-05	7.93E-04	8.59E-03	1.01E-03	1.83E+00	1.27E-08	6.27E-08	3.39E+00	9.16E-02	1.38E-03	5.66E-02	1.08E-02	1.95E-01	4.01E+01	1.06E+00	8.67E-08	5.01E-08	3.06E-03	6.07E-05	4.99E-01	2.70E-01	4.15E+01	3.23E-03	4.15E+01	4.22E+01	7.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-01
MHT716	1.04E-02	1.16E+00	-1.05E-02	1.17E+00	9.97E-07	0.00E+00	1.10E+03	1.04E-04	1.05E-03	1.07E-02	1.07E-03	4.73E+00	2.03E-08	1.25E-07	9.51E+00	2.44E-01	1.50E-03	5.73E-02	1.23E-02	2.06E-01	3.80E+01	1.35E+00	1.01E-07	6.67E-08	3.34E-03	6.53E-05	5.85E-01	2.90E-01	3.97E+01	3.25E-03	3.97E+01	4.03E+01	8.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-01
MHT720	1.01E-02	1.16E+00	-1.56E-02	1.16E+00	9.80E-07	0.00E+00	1.10E+03	5.85E-05	1.07E-03	1.08E-02	1.11E-03	2.28E+00	3.35E-08	7.05E-08	4.74E+00	2.14E-01	1.55E-03	5.79E-02	1.30E-02	2.09E-01	3.53E+01	1.35E+00	1.05E-07	6.66E-08	3.44E-03	6.44E-05	5.99E-01	4.31E-01	3.65E+01	3.39E-03	3.65E+01	3.76E+01	9.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-01
MHT725	1.14E-02	1.16E+00	-9.90E-03	1.16E+00	1.03E-06	0.00E+00	1.10E+03	1.63E-04	1.06E-03	1.08E-02	1.07E-03	5.33E+00	4.47E-08	1.34E-07	1.10E+01	4.65E-01	1.51E-03	5.76E-02	1.52E-02	2.08E-01	3.49E+01	1.35E+00	1.05E-07	7.58E-08	3.48E-03	6.63E-05	6.71E-01	4.31E-01	3.65E+01	3.39E-03	3.65E+01	3.72E+01	9.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-01
MHT732	1.23E-02	1.15E+00	-1.24E-02	1.15E+00	1.04E-06	0.00E+00	1.10E+03	1.71E-04	1.07E-03	1.09E-02	1.12E-03	5.69E+00	4.70E-08	1.42E-07	1.17E+01	4.83E-01	1.57E-03	5.79E-02	1.85E-02	2.07E-01	3.38E+01	1.34E+00	1.06E-07	8.02E-08	3.52E-03	6.65E-05	7.03E-01	4.38E-01	3.54E+01	3.39E-03	3.54E+01	3.62E+01	9.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-01
MHT740	1.21E-02	1.13E+00	-1.24E-02	1.14E+00	1.04E-06	0.00E+00	1.11E+03	1.77E-04	1.04E-03	1.07E-02	1.11E-03	5.91E+00	4.72E-08	1.45E-07	1.25E+01	5.05E-01	1.56E-03	5.79E-02	1.94E-02	1.97E-01	3.35E+01	1.35E+00	1.06E-07	8.01E-08	3.46E-03	6.43E-05	6.81E-01	4.38E-01	3.51E+01	3.39E-03	3.51E+01	3.60E+01	9.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-01
MJ506J	7.30E-03	9.96E-01	-6.53E-03	9.97E-01	6.91E-07	0.00E+00	7.26E+02	7.74E-05	6.33E-04	6.80E-03	9.13E-04	2.94E+00	5.78E-08	5.92E-08	6.21E+00	2.14E-01	1.24E-03	5.86E-02	1.27E-02	1.34E-01	3.69E+01	1.07E+00	1.24E-07	4.96E-08	2.42E-03	5.50E-05	3.12E-01	2.25E-01	3.80E+01	1.79E-04	3.80E+01	3.89E+01	5.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MJ510J	7.17E-03	1.02E+00	-6.84E-03	1.04E+00	6.91E-07	0.00E+00	7.25E+02	7.89E-05	6.33E-04	6.87E-03	9.04E-04	2.77E+00	5.76E-08	5.81E-08	5.90E+00	2.12E-01	1.22E-03	6.08E-02	1.31E-02	1.39E-01	3.78E+01	1.07E+00	1.24E-07	4.92E-08	2.44E-03	5.57E-05	3.55E-01	2.28E-01	3.88E+01	1.82E-04	3.88E+01	4.02E+01	5.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-01
MJ516J	7.31E-03	1.03E+00	-6.10E-03	1.04E+00	7.36E-07	0.00E+00	7.24E+02	8.62E-05	6.41E-04	6.97E-03	9.14E-04	2.98E+00	5.79E-08	6.78E-08	6.06E+00	2.27E-01	1.24E-03	6.04E-02	1.37E-02	1.40E-01	3.78E+01	1.07E+00	1.24E-07	5.04E-08	2.49E-03	5.52E-05	3.84E-01	2.29E-01	3.88E+01	1.86E-04	3.88E+01	4.00E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-01
MJ520J	1.15E-02	1.10E+00	1.11E-05	1.11E+00	8.06E-07	0.00E+00	1.32E+03	1.89E-04	9.72E-04	1.01E-02	1.05E-03	6.25E+00	8.94E-08	1.32E-07	1.33E+01	5.21E-01	1.47E-03	6.69E-02	1.94E-02	1.65E-01	3.63E+01	1.49E+00	1.45E-07	7.58E-08	3.30E-03	6.37E-05	5.72E-01	2.78E-01	3.82E+01	2.31E-04	3.82E+01	3.89E+01	7.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-01
MJ525J	1.20E-02	1.09E+00	1.82E-03	1.08E+00	8.26E-07	0.00E+00	1.10E+03	2.20E-04	8.07E-04	8.71E-03	1.05E-03	6.54E+00	8.99E-08	1.40E-07	1.40E+01	6.03E-01	1.47E-03	6.75E-02	2.01E-02	1.73E-01	3.59E+01	1.12E+00	1.45E-07	7.90E-08	3.32E-03	6.51E-05	5.95E-01	2.79E-01	3.76E+01	2.29E-04	3.76E+01	3.84E+01	8.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-01
MJ532J	1.25E-02	1.11E+00	7.43E-04	1.12E+00	8.44E-07	0.00E+00	1.30E+03	2.23E-04	9.51E-04	9.88E-03	1.07E-03	6.90E+00	9.34E-08	1.43E-07	1.48E+01	6.16E-01	1.50E-03	6.73E-02	2.10E-02	1.72E-01	3.56E+01	1.45E+00	1.46E-07	8.20E-08	3.39E-03	6.55E-05	6.37E-01	4.13E-01	3.71E+01	2.51E-04	3.71E+01	3.80E+01	8.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-01
MJ540J	1.27E-02	9.87E-01	3.22E-03	9.87E-01	7.76E-07	0.00E+00	7.29E+02	2.20E-04	7.05E-04	7.91E-03	1.00E-03	7.07E+00	9.67E-08	1.48E-07	1.51E+01	6.14E-01	1.36E-03	6.64E-02	2.09E-02	1.60E-01	3.39E+01	1.07E+00	1.46E-07	8.34E-08	3.05E-03	6.54E-05	6.25E-01	2.31E-01	3.50E+01	4.36E-04	3.50E+01	3.61E+01	8.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-01
MJ706P	9.39E-03	1.10E+00	-6.86E-03	1.10E+00	2.44E-07	0.00E+00	6.77E+02	3.95E-05	9.55E-04	1.03E-02	9.43E-04	1.57E+00	2.81E-08	4.90E-08	3.52E+00	1.21E-01	1.28E-03	6.30E-02	9.88E-03	1.60E-01	3.73E+01	1.07E+00	1.16E-07	5.77E-08	3.33E-03	5.34E-05	2.84E-01	2.34E-01	3.83E+01	1.66E-04	3.83E+01	3.90E+01	6.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-01
MJ710P	8.55E-03	1.03E+00	-8.78E-03	1.06E+00	2.33E-07	0.00E+00	6.76E+02	3.41E-05	9.02E-04	9.80E-03	9.20E-04	1.38E+00	2.65E-08	3.69E-08	2.60E+00	7.58E-02	1.24E-03	6.26E-02	9.18E-03	1.34E-01	3.68E+01	1.03E+00	1.28E-07	4.79E-08	2.66E-03	5.53E-05	2.55E-01	2.32E-01	3.78E+01	1.33E-04	3.78E+01	3.88E+01	4.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-01
MJ716P	9.64E-03	1.04E+00	-1.35E-03	1.07E+00	2.41E-07	0.00E+00	6.78E+02	1.35E-04	9.38E-04	9.86E-03	9.23E-04	4.34E+00	4.55E-08	9.42E-08	8.23E+00	3.16E-01	1.25E-03	6.32E-02	1.37E-02	1.37E-01	3.58E+01	1.03E+00	1.32E-07	5.81E-08	2.83E-03	5.68E-05	4.11E-01	2.32E-01	3.68E+01	1.52E-04	3.68E+01	3.78E+01	5.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-01
MJ720P	1.05E-02	1.07E+00	-9.33E-04	1.10E+00	2.48E-07	0.00E+00	6.79E+02	1.40E-04	9.39E-04	1.02E-02	9.85E-04	4.44E+00	4.51E-08	1.03E-07	8.46E+00	3.35E-01	1.33E-03	6.38E-02	1.43E-02	1.85E-01	3.59E+01	1.03E+00	1.43E-07	6.62E-08	3.34E-03	6.27E-05	5.07E-01	2.41E-01	3.70E+01	1.78E-04	3.70E+01	3.79E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-01
MJ725P	1.36E-02	1.16E+00	8.64E-05	1.15E+00	2.63E-07	0.00E+00	6.77E+02	1.55E-04	1.01E-03	1.11E-02	1.02E-03	5.72E+00	4.63E-08	1.36E-07	1.20E+01	4.20E-01	1.37E-03	6.37E-02	1.97E-02	1.94E-01	3.61E+01	1.03E+00	1.25E-07	8.71E-08	3.81E-03	6.49E-05	6.62E-01	2.44E-01	3.72E+01	2.22E-04	3.72E+01	3.80E+01	8.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-01
MJ732P	1.37E-02	1.12E+00	2.01E-04	1.14E+00	2.73E-07	0.00E+00	6.78E+02	1.71E-04	9.59E-04	1.04E-02	1.02E-03	6.13E+00	4.84E-08	1.39E-07	1.28E+01	4.71E-01	1.38E-03	6.28E-02	1.98E-02	1.95E-01	3.57E+01	1.04E+00	1.25E-07	8.74E-08	3.44E-03	6.50E-05	6.68E-01	2.39E-01	3.68E+01	2.32E-04	3.68E+01	3.78E+01	8.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-01
MJ740P	1.36E-02	1.18E+00	-2.97E-04	1.17E+00	2.62E-07	0.00E+00	6.77E+02	1.58E-04	1.01E-03	1.11E-02	1.02E-03	6.15E+00	4.06E-08	1.39E-07	1.27E+01	4.25E-01	1.38E-03	6.37E-02	1.97E-02	1.94E-01	3.61E+01	1.04E+00	1.25E-07	8.74E-08	3.83E-03	6.50E-05	6.50E-01	2.45E-01	3.72E+01	2.24E-04	3.72E+01	3.81E+01	8.85E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-01
MJN502A	7.14E-03	1.08E+00	-7.14E-03	1.10E+00	9.51E-07	0.00E+00	7.82E+02	8.03E-05	7.44E-04	7.65E-03	9.58E-04	3.18E+00	7.03E-08	7.56E-08	6.91E+00	1.98E-01	1.30E-03	6.38E-02	1.45E-02	1.48E-01	3.93E+01	1.15E+00	1.25E-07	4.95E-08	2.80E-03	6.12E-05	3.38E-01	2.41E-01	4.03E+01	1.92E-04	4.03E+01	4.03E+01	5.99E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-01
MJN504	7.25E-03	9.39E-01	-5.36E-03	9.54E-01	9.47E-07	0.00E+00	7.75E+02	8.37E-05	6.02E-04	6.58E-03	9.24E-04	3.15E+00	6.30E-08	6.99E-08	6.60E+00	2.22E-01	1.25E-03	5.94E-02	1.23E-02	1.37E-01	3.57E+01	1.12E+00	1.25E-07	5.06E-08	2.40E-03	5.97E-05	3.43E-01	2.16E-01	3.62E+01	1.93E-04	3.62E+01	3.69E+01	5.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-01
MJN504A	7.40E-03	9.78E-01	-6.06E-03	9.88E-01	9.47E-07	0.00E+00	7.55E+02	8.39E-05	6.28E-04	6.81E-03	9.49E-04	3.16E+00	6.29E-08	7.39E-08	6.56E+00	2.22E-01	1.29E-03	6.28E-02	1.39E-02	1.43E-01	3.84E+01	1.09E+00	1.25E-07	5.09E-08	2.52E-03	5.98E-05	3.40E-01	2.27E-01	3.91E+01	2.02E-04	3.91E+01	3.92E+01	5.70E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-01
MJN506	7.10E-03	9.10E-01	-5.77E-03	9.12E-01	9.46E-07	0.00E+00	7.49E+02	8.20E-05	5.92E-04	6.50E-03	8.99E-04	2.94E+00	4.83E-08	5.95E-08	6.17E+00	2.15E-01	1.22E-03	5.71E-02	1.25E-02	1.35E-01	3.52E+01	1.10E+00	1.24E-07	4.86E-08	2.33E-03	5.59E-05	3.16E-01	2.23E-01	3.60E+01	1.80E-04	3.60E+01	3.67E+01	5.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-01
MJN506A	7.20E-03	9.11E-01	-5.92E-03	9.17E-01	9.46E-07	0.00E+00	7.29E+02	8.44E-05	5.92E-04	6.45E-03	9.28E-04	3.14E+00	4.77E-08	6.99E-08	6.48E+00	2.18E-01	1.26E-03	5.64E-02	1.29E-02	1.26E-01	3.51E+01	1.07E+00	1.23E-07	4.85E-08	2.36E-03	5.55E-05	3.06E-01	2.25E-01	3.62E+01	1.86E-04	3.62E+01	3.67E+01	5.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-01
MJN510	6.97E-03	9.10E-01	-5.64E-03	9.16E-01	9.46E-07	0.00E+00	7.43E+02	8.50E-05	5.90E-04	6.44E-03	8.97E-04	2.90E+00	4.81E-08	6.54E-08	5.97E+00	2.18E-01	1.22E-03	5.64E-02	1.28E-02	1.40E-01	3.51E+01	1.10E+00	1.23E-07	4.81E-08	2.34E-03	5.62E-05	3.67E-01	2.22E-01	3.62E+01	1.84E-04	3.62E+01	3.68E+01	5.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-01
MJN510A	7.05E-03	9.35E-01	-6.12E-03	9.41E-01	9.46E-07	0.00E+00	7.27E+02	8.46E-05	6.02E-04	6.58E-03	9.12E-04	2.90E+00	4.81E-08	6.61E-08	5.96E+00	2.18E-01	1.24E-03	5.94E-02	1.31E-02	1.39E-01	3.70E+01	1.07E+00	1.22E-07	4.84E-08	2.39E-03	5.63E-05	3.60E-01	2.23E-01	3.81E+01	1.84E-04	3.81E+01	3.87E+01	5.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-01
MJN513A	7.59E-03	1.06E+00	-6.86E-03	1.07E+00	9.70E-07	0.00E+00	8.29E+02	8.99E-05	6.71E-04	7.32E-03	9.74E-04	3.10E+00	5.03E-08	7.40E-08	6.45E+00	2.36E-01	1.32E-03	6.17E-02	1.52E-02	1.43E-01	3.87E+01	1.11E+00	1.25E-07	5.23E-08	2.66E-03	5.62E-05	4.01E-01	2.50E-01	3.96E+01	1.94E-04	3.96E+01	4.07E+01	6.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-01
MJN516	7.08E-03	9.12E-01	-5.53E-03	9.18E-01	9.46E-07	0.00E+00	7.42E+02	8.50E-05	5.91E-04	6.46E-03	9.02E-04	2.98E+00	4.81E-08	6.68E-08	6.14E+00	2.18E-01	1.22E-03	5.64E-02	1.29E-02	1.40E-01	3.52E+01	1.10E+00	1.23E-07	4.87E-08	2.35E-03	5.64E-05	3.69E-01	2.22E-01	3.63E+01	1.85E-04	3.63E+01	3.69E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-01
MJN516A	7.16E-03	9.36E-01	-6.02E-03	9.42E-01	9.46E-07	0.00E+00	7.26E+02	8.46E-05	6.04E-04	6.60E-03	9.18E-04	2.98E+00	4.81E-08	6.75E-08	6.14E+00	2.18E-01	1.24E-03	5.94E-02	1.32E-02	1.39E-01	3.71E+01	1.07E+00	1.23E-07	4.90E-08	2.41E-03	5.65E-05	3.63E-01	2.24E-01	3.81E+01	1.85E-04	3.81E+01	3.87E+01	5.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-01
MJN520	1.16E-02	9.57E-01	1.68E-03	9.55E-01	1.00E-06	0.00E+00	7.46E+02	1.83E-04	6.76E-04	7.55E-03	9.68E-04	6.19E+00	8.40E-08	1.31E-07	1.32E+01	5.03E-01	1.31E-03	6.42E-02	1.90E-02	1.55E-01	3.28E+01	1.10E+00	1.43E-07	7.63E-08	2.89E-03	6.38E-05	5.65E-01	2.36E-01	3.39E+01	2.40E-04	3.39E+01	3.47E+01	8.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-01
MJN520A	1.17E-02	9.81E-01	1.19E-03	9.80E-01	1.00E-06	0.00E+00	7.29E+02	1.83E-04	6.89E-04	7.69E-03	9.83E-04	6.19E+00	8.40E-08	1.32E-07	1.32E+01	5.03E-01	1.33E-03	6.73E-02	1.92E-02	1.55E-01	3.47E+01	1.07E+00	1.43E-07	7.66E-08	2.94E-03	6.39E-05	5.58E-01	2.37E-01	3.57E+01	2.40E-04	3.57E+01	3.65E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-01
MJN525	1.22E-02	9.57E-01	3.29E-03	9.53E-01	1.02E-06	0.00E+00	7.48E+02	2.17E-04	6.87E-04	7.72E-03	9.80E-04	6.55E+00	8.44E-08	1.40E-07	1.40E+01	6.06E-01	1.33E-03	6.46E-02	1.98E-02	1.59E-01	3.17E+01	1.10E+00	1.45E-07	7.98E-08	2.95E-03	6.50E-05	6.04E-01	2.37E-01	3.28E+01	2.45E-04	3.28E+01	3.37E+01	8.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-01
MJN525A	1.23E-02	9.81E-01	2.80E-03	9.78E-01	1.02E-06	0.00E+00	7.32E+02	2.17E-04	7.00E-04	7.86E-03	9.96E-04	6.55E+00	8.44E-08	1.41E-07	1.40E+01	6.06E-01	1.35E-03	6.76E-02	2.00E-02	1.59E-01	3.36E+01	1.07E+00	1.45E-07	8.01E-08	3.00E-03	6.50E-05	5.98E-01	2.38E-01	3.47E+01	2.45E-04	3.47E+01	3.55E+01	8.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-01
MJN532	1.24E-02	9.62E-01	3.62E-03	9.59E-01	1.02E-06	0.00E+00	7.47E+02	2.17E-04	6.93E-04	7.78E-03	9.95E-04	6.78E+00	8.41E-08	1.44E-07	1.45E+01	6.06E-01	1.35E-03	6.46E-02	2.01E-02	1.55E-01	3.18E+01	1.10E+00	1.47E-07	8.12E-08	2.99E-03	6.56E-05	6.12E-01	2.38E-01	3.29E+01	2.47E-04	3.29E+01	3.38E+01	8.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-01
MJN532A	1.25E-02	9.87E-01	3.13E-03	9.84E-01	1.02E-06	0.00E+00	7.31E+02	2.17E-04	7.06E-04	7.92E-03	1.01E-03	6.78E+00	8.41E-08	1.45E-07	1.45E+01	6.06E-01	1.37E-03	6.76E-02	2.03E-02	1.55E-01	3.37E+01	1.07E+00	1.46E-07	8.15E-08	3.04E-03	6.57E-05	6.06E-01	2.40E-01	3.48E+01	2.48E-04	3.48E+01	3.56E+01	8.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-01
MJN540A	1.26E-02	1.10E+00	5.81E-04	1.11E+00	1.07E-06	0.00E+00	1.44E+03	2.23E-04	9.50E-04	9.88E-03	1.07E-03	7.10E+00	1.01E-07	1.46E-07	1.47E+01	6.15E-01	1.50E-03	6.70E-02	2.12E-02	1.73E-01	3.56E+01	1.46E+00	1.46E-07	8.30E-08	3.35E-03	6.57E-05	6.30E-01	4.14E-01	3.72E+01	3.53E-04	3.72E+01	3.80E+01	8.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-01
MJN702	9.25E-03	1.12E+00	-1.00E-02	1.15E+00	7.85E-07	0.00E+00	1.47E+03	9.12E-05	9.47E-04	9.71E-03	1.08E-03	3.49E+00	8.36E-08	7.56E-08	7.84E+00	2.33E-01	1.51E-03	6.58E-02	1.54E-02	1.98E-01	4.02E+01	1.54E+00	1.42E-07	6.43E-08	3.13E-03	6.03E-05	4.46E-01	2.75E-01	4.19E+01	2.09E-04	4.19E+01	4.24E+01	7.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-01
MJN706	8.94E-03	1.11E+00	-8.12E-03	1.13E+00	7.83E-07	0.00E+00	1.46E+03	8.61E-05	9.39E-04	9.56E-03	1.05E-03	3.31E+00	5.80E-08	7.02E-08	7.51E+00	2.27E-01	1.47E-03	6.52E-02	1.50E-02	1.66E-01	4.02E+01	1.55E+00	1.42E-07	6.16E-08	3.07E-03	5.22E-05	4.14E-01	2.74E-01	4.17E+01	2.08E-04	4.17E+01	4.24E+01	6.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-01
MJN710	7.51E-03	1.11E+00	-1.07E-02	1.13E+00	7.79E-07	0.00E+00	1.46E+03	8.28E-05	9.24E-04	9.36E-03	1.04E-03	2.94E+00	5.74E-08	6.65E-08	6.18E+00	2.13E-01	1.45E-03	6.49E-02	1.45E-02	1.44E-01	4.02E+01	1.53E+00	1.26E-07	5.11E-08	2.93E-03	5.03E-05	3.70E-01	2.74E-01	4.16E+01	1.96E-04	4.16E+01	4.24E+01	6.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-01
MJN716	9.51E-03	1.09E+00	-8.80E-03	1.10E+00	8.00E-07	0.00E+00	8.58E+02	7.75E-05	7.89E-04	8.25E-03	1.01E-03	3.20E+00	5.71E-08	7.10E-08	6.85E+00	1.95E-01	1.37E-03	6.56E-02	1.46E-02	1.39E-01	3.74E+01	1.15E+00	1.34E-07	6.29E-08	3.03E-03	5.25E-05	3.81E-01	2.58E-01	3.85E+01	2.01E-04	3.85E+01	4.00E+01	6.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-01
MJN720	1.14E-02	1.08E+00	-3.42E-03	1.08E+00	7.97E-07	0.00E+00	7.61E+02	1.38E-04	7.96E-04	8.56E-03	9.73E-04	5.05E+00	7.11E-08	1.03E-07	1.08E+01	4.14E-01	1.32E-03	6.75E-02	1.68E-02	1.53E-01	3.32E+01	1.10E+00	1.45E-07	7.24E-08	3.22E-03	6.32E-05	5.01E-01	2.42E-01	3.41E+01	2.30E-04	3.41E+01	3.46E+01	7.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-01
MJN725	1.25E-02	1.11E+00	-8.01E-03	1.13E+00	8.05E-07	0.00E+00	1.44E+03	8.17E-05	9.02E-04	9.37E-03	1.06E-03	3.86E+00	6.65E-08	9.00E-08	7.91E+00	2.61E-01	1.49E-03	6.70E-02	1.96E-02	1.70E-01	3.44E+01	1.48E+00	1.45E-07	8.19E-08	3.24E-03	6.52E-05	4.10E-01	2.76E-01	3.57E+01	2.31E-04	3.57E+01	3.65E+01	8.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-01
MJN732	1.24E-02	1.11E+00	-8.48E-03	1.13E+00	7.95E-07	0.00E+00	1.44E+03	8.46E-05	9.04E-04	9.38E-03	1.07E-03	3.59E+00	6.56E-08	8.95E-08	7.60E+00	2.64E-01	1.50E-03	6.70E-02	1.97E-02	1.73E-01	3.44E+01	1.48E+00	1.45E-07	8.19E-08	3.25E-03	6.53E-05	3.99E-01	4.13E-01	3.57E+01	2.33E-04	3.57E+01	3.65E+01	8.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-01
MJN740	1.25E-02	1.11E+00	-8.47E-03	1.13E+00	7.90E-07	0.00E+00	1.44E+03	8.58E-05	9.01E-04	9.37E-03	1.07E-03	3.55E+00	8.13E-08	8.93E-08	7.55E+00	2.65E-01	1.51E-03	6.68E-02	1.99E-02	1.73E-01	3.42E+01	1.48E+00	1.45E-07	8.29E-08	3.25E-03	6.58E-05	4.03E-01	4.13E-01	3.57E+01	2.37E-04	3.57E+01	3.69E+01	8.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-01
MJS502	7.49E-03	9.32E-01	-4.79E-03	9.52E-01	9.60E-07	0.00E+00	8.14E+02	1.05E-04	6.08E-04	6.78E-03	8.97E-04	3.45E+00	8.92E-08	6.44E-08	8.15E+00	2.66E-01	1.22E-03	5.85E-02	1.30E-02	1.48E-01	3.51E+01	1.24E+00	1.29E-07	5.31E-08	2.48E-03	6.01E-05	4.23E-01	2.15E-01	3.59E+01	1.94E-04	3.59E+01	3.65E+01	6.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-01
MJS504	7.86E-03	9.10E-01	-4.69E-03	9.21E-01	9.57E-07	0.00E+00	7.93E+02	1.08E-04	6.24E-04	6.81E-03	8.84E-04	3.31E+00	9.26E-08	6.21E-08	7.44E+00	2.86E-01	1.20E-03	5.61E-02	1.21E-02	1.45E-01	3.47E+01	1.20E+00	1.28E-07	5.31E-08	2.45E-03	5.89E-05	4.19E-01	2.24E-01	3.54E+01	1.88E-04	3.54E+01	3.60E+01	6.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-01
MJS506	7.81E-03	8.91E-01	-4.67E-03	8.85E-01	9.56E-07	0.00E+00	7.72E+02	1.07E-04	6.06E-04	6.71E-03	8.80E-04	3.30E+00	9.22E-08	6.05E-08	7.36E+00	2.78E-01	1.19E-03	5.46E-02	1.20E-02	1.46E-01	3.37E+01	1.19E+00	1.29E-07	5.27E-08	2.42E-03	5.63E-05	3.97E-01	2.21E-01	3.46E+01	1.84E-04	3.46E+01	3.57E+01	6.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-01
MJS510	7.49E-03	8.62E-01	-4.77E-03	8.66E-01	9.58E-07	0.00E+00	7.73E+02	1.07E-04	6.05E-04	6.69E-03	8.50E-04	3.27E+00	9.43E-08	6.08E-08	7.18E+00	2.64E-01	1.15E-03	5.14E-02	1.21E-02	1.47E-01	3.36E+01	1.20E+00	1.29E-07	5.20E-08	2.42E-03	5.66E-05	3.95E-01	2.11E-01	3.48E+01	1.96E-04	3.48E+01	3.58E+01	6.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-01
MJS516	8.22E-03	8.99E-01	-2.88E-03	9.02E-01	9.71E-07	0.00E+00	7.72E+02	1.19E-04	6.07E-04	6.69E-03	8.79E-04	3.78E+00	9.54E-08	8.34E-08	8.08E+00	3.01E-01	1.19E-03	5.54E-02	1.44E-02	1.49E-01	3.26E+01	1.22E+00	1.28E-07	5.58E-08	2.45E-03	5.67E-05	4.87E-01	2.20E-01	3.39E+01	1.92E-04	3.39E+01	3.46E+01	7.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-01
MJT702	8.67E-03	1.25E+00	-8.68E-03	1.26E+00	9.20E-07	0.00E+00	5.61E+02	4.55E-05	8.55E-04	9.34E-03	1.07E-03	2.11E+00	1.53E-08	7.39E-08	3.88E+00	1.14E-01	1.45E-03	5.78E-02	1.31E-02	2.64E-01	4.14E+01	1.21E+00	8.68E-08	5.83E-08	3.35E-03	7.46E-05	5.73E-01	2.61E-01	4.26E+01	3.20E-03	4.26E+01	4.35E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-01
MJT706	7.06E-03	1.15E+00	-1.04E-02	1.16E+00	9.15E-07	0.00E+00	4.70E+02	3.43E-05	7.69E-04	8.37E-03	9.96E-04	1.71E+00	1.15E-08	5.81E-08	3.08E+00	8.33E-02	1.35E-03	5.62E-02	1.06E-02	1.91E-01	3.98E+01	1.04E+00	8.29E-08	4.75E-08	3.01E-03	5.96E-05	4.87E-01	2.54E-01	4.09E+01	3.20E-03	4.09E+01	4.16E+01	7.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-01
MJT710	7.32E-03	1.15E+00	-1.02E-02	1.16E+00	9.15E-07	0.00E+00	4.70E+02	3.43E-05	7.73E-04	8.42E-03	1.01E-03	1.86E+00	1.18E-08	6.10E-08	3.38E+00	8.34E-02	1.36E-03	5.62E-02	1.09E-02	1.97E-01	3.99E+01	1.04E+00	8.39E-08	4.94E-08	3.04E-03	6.05E-05	4.93E-01	2.55E-01	4.10E+01	3.20E-03	4.10E+01	4.17E+01	7.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-01
MJT716	7.59E-03	1.16E+00	-9.97E-03	1.17E+00	9.15E-07	0.00E+00	4.70E+02	3.43E-05	7.81E-04	8.51E-03	1.02E-03	2.06E+00	1.19E-08	6.46E-08	3.84E+00	8.32E-02	1.38E-03	5.62E-02	1.12E-02	1.95E-01	4.01E+01	1.04E+00	8.52E-08	5.12E-08	3.08E-03	5.92E-05	5.04E-01	2.57E-01	4.11E+01	3.20E-03	4.11E+01	4.19E+01	7.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-01
MJT720	1.12E-02	9.93E-01	-5.53E-04	9.93E-01	9.93E-07	0.00E+00	4.95E+02	1.72E-04	7.30E-04	7.98E-03	1.07E-03	5.50E+00	4.78E-08	1.34E-07	1.15E+01	4.85E-01	1.45E-03	5.80E-02	1.70E-02	1.67E-01	3.06E+01	1.07E+00	1.04E-07	7.38E-08	3.14E-03	5.93E-05	5.21E-01	2.61E-01	3.16E+01	3.25E-03	3.16E+01	3.24E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-01
MJT725	1.12E-02	9.94E-01	-5.55E-04	9.95E-01	9.93E-07	0.00E+00	4.95E+02	1.72E-04	7.31E-04	7.99E-03	1.07E-03	5.51E+00	4.81E-08	1.34E-07	1.15E+01	4.85E-01	1.45E-03	5.80E-02	1.71E-02	1.71E-01	3.06E+01	1.07E+00	1.04E-07	7.44E-08	3.15E-03	5.94E-05	5.22E-01	2.61E-01	3.17E+01	3.25E-03	3.17E+01	3.25E+01	7.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-01
MJT732	1.15E-02	1.00E+00	-2.58E-04	1.00E+00	9.93E-07	0.00E+00	4.95E+02	1.72E-04	7.37E-04	8.06E-03	1.09E-03	5.72E+00	4.79E-08	1.38E-07	1.20E+01	4.85E-01	1.47E-03	5.80E-02	1.73E-02	1.68E-01	3.07E+01	1.07E+00	1.05E-07	7.57E-08	3.19E-03	6.00E-05	5.29E-01	2.63E-01	3.18E+01	3.26E-03	3.18E+01	3.26E+01	7.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-01
MJT740	1.16E-02	1.00E+00	-2.62E-04	1.00E+00	9.93E-07	0.00E+00	4.95E+02	1.72E-04	7.39E-04	8.09E-03	1.09E-03	5.72E+00	4.82E-08	1.38E-07	1.20E+01	4.85E-01	1.47E-03	5.80E-02	1.74E-02	1.72E-01	3.07E+01	1.07E+00	1.05E-07	7.62E-08	3.20E-03	5.99E-05	5.30E-01	2.63E-01	3.18E+01	3.26E-03	3.18E+01	3.26E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-01
MKN506	7.30E-03	9.48E-01	-6.00E-03	9.65E-01	9.46E-07	0.00E+00	7.49E+02	8.27E-05	6.22E-04	6.74E-03	9.50E-04	3.08E+00	4.74E-08	6.87E-08	6.42E+00	2.18E-01	1.29E-03	6.03E-02	1.24E-02	1.31E-01	3.67E+01	1.10E+00	1.26E-07	4.99E-08	2.50E-03	5.66E-05	3.16E-01	2.27E-01	3.72E+01	2.01E-04	3.72E+01	3.75E+01	5.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-01
MKN506A	7.47E-03	9.82E-01	-6.62E-03	9.89E-01	9.46E-07	0.00E+00	7.29E+02	8.45E-05	6.27E-04	6.83E-03	9.72E-04	3.14E+00	4.78E-08	7.05E-08	6.48E+00	2.18E-01	1.32E-03	6.26E-02	1.38E-02	1.30E-01	3.92E+01	1.07E+00	1.26E-07	4.98E-08	2.51E-03	5.63E-05	3.07E-01	2.36E-01	4.03E+01	1.87E-04	4.03E+01	4.08E+01	5.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-01
MKN510	7.21E-03	9.52E-01	-6.14E-03	9.66E-01	9.45E-07	0.00E+00	7.43E+02	8.31E-05	6.06E-04	6.67E-03	9.34E-04	2.90E+00	4.69E-08	6.44E-08	6.01E+00	2.15E-01	1.26E-03	5.94E-02	1.25E-02	1.40E-01	3.65E+01	1.11E+00	1.25E-07	4.98E-08	2.45E-03	5.69E-05	3.56E-01	2.17E-01	3.76E+01	1.91E-04	3.76E+01	3.81E+01	6.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-01

MKN510A	7.49E-03	1.08E+00	-7.40E-03	1.09E+00	9.51E-07	0.00E+00	7.25E+02	8.55E-05	7.67E-04	7.95E-03	9.59E-04	2.91E+00	4.93E-08	6.79E-08	6.09E+00	2.18E-01	1.30E-03	6.46E-02	1.42E-02	1.42E-01	4.04E+01	1.07E+00	1.26E-07	5.04E-08	2.91E-03	5.66E-05	3.71E-01	2.42E-01	4.14E+01	1.93E-04	4.14E+01	4.22E+01	6.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-01
MKN513	7.60E-03	9.52E-01	-6.00E-03	9.67E-01	9.48E-07	0.00E+00	7.43E+02	9.07E-05	6.08E-04	6.70E-03	9.30E-04	3.05E+00	4.96E-08	7.63E-08	6.44E+00	2.38E-01	1.26E-03	6.09E-02	1.51E-02	1.43E-01	3.64E+01	1.09E+00	1.25E-07	5.25E-08	2.47E-03	5.73E-05	3.91E-01	2.26E-01	3.74E+01	1.96E-04	3.74E+01	3.79E+01	6.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-01
MKN513A	7.97E-03	1.09E+00	-7.29E-03	1.09E+00	9.71E-07	0.00E+00	8.29E+02	9.26E-05	7.71E-04	8.06E-03	1.01E-03	3.17E+00	5.08E-08	7.58E-08	6.85E+00	2.40E-01	1.37E-03	6.50E-02	1.57E-02	1.45E-01	4.03E+01	1.11E+00	1.27E-07	5.44E-08	2.97E-03	5.64E-05	4.06E-01	2.59E-01	4.13E+01	1.99E-04	4.13E+01	4.19E+01	6.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-01
MKN516	7.34E-03	9.83E-01	-6.23E-03	9.89E-01	9.46E-07	0.00E+00	7.41E+02	8.51E-05	6.26E-04	6.84E-03	9.46E-04	2.98E+00	4.82E-08	6.73E-08	6.15E+00	2.18E-01	1.28E-03	6.26E-02	1.39E-02	1.43E-01	3.92E+01	1.10E+00	1.25E-07	5.00E-08	2.50E-03	5.72E-05	3.69E-01	2.33E-01	4.03E+01	1.85E-04	4.03E+01	4.09E+01	6.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MKN516A	7.98E-03	1.08E+00	-6.37E-03	1.08E+00	9.50E-07	0.00E+00	7.25E+02	8.92E-05	7.68E-04	8.03E-03	9.64E-04	3.15E+00	5.01E-08	6.95E-08	6.61E+00	2.30E-01	1.30E-03	6.44E-02	1.44E-02	1.43E-01	3.96E+01	1.06E+00	1.30E-07	5.34E-08	2.97E-03	5.61E-05	3.88E-01	2.42E-01	4.07E+01	1.97E-04	4.07E+01	4.13E+01	6.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-01
MKN520	1.16E-02	9.52E-01	1.53E-03	9.51E-01	1.00E-06	0.00E+00	7.46E+02	1.83E-04	6.73E-04	7.50E-03	9.66E-04	6.18E+00	8.40E-08	1.31E-07	1.32E+01	5.03E-01	1.31E-03	6.42E-02	1.89E-02	1.50E-01	3.23E+01	1.10E+00	1.43E-07	7.56E-08	2.88E-03	6.24E-05	5.11E-01	2.35E-01	3.34E+01	2.41E-04	3.34E+01	3.41E+01	7.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-01
MKN520A	1.16E-02	1.08E+00	4.57E-04	1.08E+00	1.04E-06	0.00E+00	8.32E+02	1.88E-04	8.01E-04	8.61E-03	1.05E-03	6.22E+00	8.56E-08	1.31E-07	1.33E+01	5.25E-01	1.46E-03	6.64E-02	1.93E-02	1.57E-01	3.60E+01	1.11E+00	1.45E-07	7.61E-08	3.23E-03	6.40E-05	5.69E-01	2.78E-01	3.78E+01	2.20E-04	3.78E+01	3.86E+01	8.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-01
MKN525	1.22E-02	9.52E-01	3.14E-03	9.49E-01	1.02E-06	0.00E+00	7.47E+02	2.17E-04	6.84E-04	7.67E-03	9.79E-04	6.54E+00	8.44E-08	1.40E-07	1.40E+01	6.06E-01	1.32E-03	6.46E-02	1.98E-02	1.54E-01	3.13E+01	1.10E+00	1.45E-07	7.92E-08	2.94E-03	6.36E-05	5.55E-01	2.37E-01	3.23E+01	2.46E-04	3.23E+01	3.31E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-01
MKN525A	1.22E-02	1.08E+00	2.51E-03	1.07E+00	1.03E-06	0.00E+00	7.30E+02	2.15E-04	8.05E-04	8.72E-03	1.00E-03	6.52E+00	8.63E-08	1.40E-07	1.40E+01	6.05E-01	1.35E-03	6.67E-02	2.01E-02	1.62E-01	3.46E+01	1.06E+00	1.46E-07	7.96E-08	3.29E-03	6.51E-05	5.90E-01	2.45E-01	3.57E+01	2.35E-04	3.57E+01	3.65E+01	8.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-01
MKN532	1.25E-02	1.06E+00	2.94E-03	1.04E+00	1.02E-06	0.00E+00	7.46E+02	2.15E-04	7.99E-04	8.64E-03	9.67E-04	6.90E+00	8.45E-08	1.45E-07	1.50E+01	6.12E-01	1.31E-03	6.43E-02	2.01E-02	1.56E-01	3.26E+01	1.10E+00	1.46E-07	8.10E-08	3.29E-03	6.46E-05	6.10E-01	2.44E-01	3.34E+01	2.46E-04	3.34E+01	3.45E+01	8.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-01
MKN532A	1.25E-02	1.09E+00	1.74E-03	1.08E+00	1.06E-06	0.00E+00	8.27E+02	2.21E-04	8.08E-04	8.76E-03	1.07E-03	6.80E+00	9.48E-08	1.44E-07	1.45E+01	6.11E-01	1.50E-03	6.73E-02	2.07E-02	1.61E-01	3.51E+01	1.10E+00	1.46E-07	8.19E-08	3.32E-03	6.55E-05	6.20E-01	2.79E-01	3.67E+01	2.31E-04	3.67E+01	3.77E+01	8.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-01
MKN540	1.26E-02	1.06E+00	3.02E-03	1.04E+00	1.03E-06	0.00E+00	7.47E+02	2.20E-04	8.00E-04	8.65E-03	9.86E-04	7.01E+00	9.87E-08	1.48E-07	1.46E+01	6.17E-01	1.34E-03	6.43E-02	2.02E-02	1.58E-01	3.26E+01	1.09E+00	1.46E-07	8.19E-08	3.29E-03	6.49E-05	6.09E-01	2.44E-01	3.35E+01	3.27E-04	3.35E+01	3.45E+01	8.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-01
MKN598	2.32E-02	1.92E+00	3.60E-03	1.91E+00	1.71E-06	0.00E+00	1.49E+03	3.66E-04	1.35E-03	1.51E-02	1.93E-03	1.24E+01	1.68E-07	2.62E-07	2.64E+01	1.00E+00	2.62E-03	1.28E-01	3.78E-02	3.04E-01	6.49E+01	2.22E+00	2.87E-07	1.52E-07	5.80E-03	1.26E-04	1.04E+00	4.64E-01	6.71E+01	6.25E-04	6.71E+01	6.86E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MKN599	1.48E-02	1.98E+00	-1.25E-02	1.99E+00	1.57E-06	0.00E+00	1.48E+03	1.70E-04	1.26E-03	1.38E-02	1.89E-03	5.95E+00	9.63E-08	1.35E-07	1.24E+01	4.35E-01	2.56E-03	1.25E-01	2.79E-02	2.92E-01	7.95E+01	2.21E+00	2.52E-07	1.01E-07	5.06E-03	1.16E-04	8.43E-01	4.67E-01	8.17E+01	5.13E-04	8.17E+01	8.30E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
MKS506	8.09E-03	9.21E-01	-4.68E-03	9.21E-01	9.56E-07	0.00E+00	7.71E+02	1.05E-04	6.09E-04	6.79E-03	8.99E-04	3.31E+00	9.08E-08	6.40E-08	7.47E+00	2.64E-01	1.22E-03	5.72E-02	1.30E-02	1.46E-01	3.49E+01	1.19E+00	1.29E-07	5.38E-08	2.47E-03	5.66E-05	4.05E-01	2.15E-01	3.58E+01	1.91E-04	3.58E+01	3.66E+01	6.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-01
MKS510	7.86E-03	9.18E-01	-4.86E-03	9.20E-01	9.58E-07	0.00E+00	7.71E+02	1.07E-04	6.14E-04	6.80E-03	8.95E-04	3.29E+00	9.43E-08	6.25E-08	7.33E+00	2.68E-01	1.21E-03	5.69E-02	1.30E-02	1.48E-01	3.51E+01	1.20E+00	1.29E-07	5.30E-08	2.48E-03	5.68E-05	4.06E-01	2.14E-01	3.63E+01	1.91E-04	3.63E+01	3.70E+01	6.70E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-01
MKS513	8.43E-03	9.20E-01	-3.53E-03	9.21E-01	9.74E-07	0.00E+00	7.71E+02	1.22E-04	6.06E-04	6.82E-03	8.99E-04	3.92E+00	9.44E-08	8.94E-08	8.41E+00	3.05E-01	1.22E-03	5.79E-02	1.60E-02	1.50E-01	3.50E+01	1.20E+00	1.29E-07	5.71E-08	2.49E-03	5.69E-05	4.84E-01	2.15E-01	3.62E+01	2.03E-04	3.62E+01	3.69E+01	7.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-01
MKS516	8.49E-03	9.70E-01	-3.58E-03	9.74E-01	9.71E-07	0.00E+00	7.72E+02	1.19E-04	6.42E-04	7.07E-03	9.24E-04	3.78E+00	9.55E-08	8.39E-08	8.08E+00	3.01E-01	1.25E-03	6.16E-02	1.53E-02	1.52E-01	3.67E+01	1.22E+00	1.30E-07	5.72E-08	2.60E-03	5.75E-05	4.87E-01	2.31E-01	3.79E+01	1.93E-04	3.79E+01	3.86E+01	7.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-01
MKS599	1.70E-02	1.95E+00	-7.15E-03	1.96E+00	1.62E-06	0.00E+00	1.54E+03	2.38E-04	1.29E-03	1.43E-02	1.85E-03	7.55E+00	1.91E-07	1.68E-07	1.63E+01	6.01E-01	2.50E-03	1.23E-01	3.07E-02	3.10E-01	7.45E+01	2.46E+00	2.61E-07	1.16E-07	5.25E-03	1.17E-04	1.08E+00	4.62E-01	7.69E+01	5.29E-04	7.69E+01	7.85E+01	1.54E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+00
ML506J	8.28E-03	9.82E-01	-6.56E-03	9.88E-01	6.62E-07	0.00E+00	7.27E+02	7.85E-05	6.32E-04	6.92E-03	9.71E-04	3.11E+00	5.94E-08	6.90E-08	6.40E+00	2.21E-01	1.31E-03	6.24E-02	1.38E-02	1.40E-01	3.88E+01	1.07E+00	1.37E-07	5.46E-08	2.61E-03	5.69E-05	3.23E-01	2.28E-01	3.98E+01	2.02E-04	3.98E+01	4.03E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-01
ML510J	7.52E-03	9.97E-01	-6.82E-03	1.01E+00	6.63E-07	0.00E+00	7.25E+02	7.93E-05	6.34E-04	6.95E-03	9.54E-04	2.85E+00	5.81E-08	6.63E-08	5.97E+00	2.14E-01	1.29E-03	6.48E-02	1.39E-02	1.43E-01	4.01E+01	1.07E+00	1.25E-07	5.06E-08	2.55E-03	5.66E-05	3.53E-01	2.27E-01	4.12E+01	1.96E-04	4.12E+01	4.17E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-01
ML516J	7.84E-03	9.92E-01	-6.34E-03	1.00E+00	7.24E-07	0.00E+00	7.24E+02	8.88E-05	6.36E-04	6.96E-03	9.61E-04	3.13E+00	5.89E-08	6.83E-08	6.45E+00	2.30E-01	1.30E-03	6.41E-02	1.42E-02	1.46E-01	3.95E+01	1.07E+00	1.27E-07	5.26E-08	2.60E-03	5.65E-05	3.78E-01	2.28E-01	4.06E+01	2.00E-04	4.06E+01	4.10E+01	6.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-01
ML520J	1.16E-02	9.87E-01	1.75E-03	9.86E-01	7.63E-07	0.00E+00	7.28E+02	1.88E-04	6.91E-04	7.73E-03	9.78E-04	6.22E+00	8.65E-08	1.29E-07	1.32E+01	5.22E-01	1.33E-03	6.64E-02	1.92E-02	1.55E-01	3.45E+01	1.07E+00	1.45E-07	7.67E-08	2.98E-03	6.37E-05	5.59E-01	2.29E-01	3.60E+01	2.40E-04	3.60E+01	3.65E+01	7.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-01
ML525J	1.22E-02	9.87E-01	3.03E-03	9.87E-01	7.75E-07	0.00E+00	7.30E+02	2.17E-04	6.99E-04	7.85E-03	9.96E-04	6.53E+00	8.70E-08	1.40E-07	1.39E+01	5.99E-01	1.35E-03	6.69E-02	1.99E-02	1.58E-01	3.39E+01	1.07E+00	1.45E-07	8.00E-08	3.03E-03	6.49E-05	5.84E-01	2.30E-01	3.52E+01	2.41E-04	3.52E+01	3.60E+01	8.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-01
ML532J	1.26E-02	9.91E-01	3.19E-03	9.95E-01	7.76E-07	0.00E+00	7.29E+02	2.25E-04	7.05E-04	7.92E-03	1.03E-03	6.83E+00	1.04E-07	1.45E-07	1.49E+01	6.12E-01	1.40E-03	6.67E-02	2.08E-02	1.58E-01	3.35E+01	1.07E+00	1.46E-07	8.22E-08	3.08E-03	6.57E-05	6.25E-01	2.33E-01	3.45E+01	2.63E-04	3.45E+01	3.55E+01	8.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-01
ML540J	1.27E-02	9.87E-01	3.22E-03	9.89E-01	7.76E-07	0.00E+00	7.29E+02	2.24E-04	7.05E-04	7.94E-03	1.01E-03	7.07E+00	1.04E-07	1.48E-07	1.51E+01	6.15E-01	1.36E-03	6.64E-02	2.10E-02	1.60E-01	3.39E+01	1.07E+00	1.46E-07	8.33E-08	3.06E-03	6.56E-05	6.27E-01	2.31E-01	3.50E+01	4.34E-04	3.50E+01	3.60E+01	8.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-01
MLN502A	9.08E-03	9.89E-01	-6.33E-03	1.02E+00	9.53E-07	0.00E+00	7.83E+02	8.49E-05	6.40E-04	7.02E-03	1.01E-03	3.33E+00	7.49E-08	7.62E-08	7.01E+00	2.18E-01	1.36E-03	6.37E-02	1.46E-02	1.85E-01	3.89E+01	1.15E+00	1.42E-07	5.96E-08	2.64E-03	6.55E-05	3.66E-01	2.28E-01	4.00E+01	2.04E-04	4.00E+01	4.00E+01	6.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-01
MLN504A	9.02E-03	1.08E+00	-6.63E-03	1.08E+00	9.69E-07	0.00E+00	8.54E+02	8.66E-05	7.82E-04	8.10E-03	1.02E-03	3.23E+00	6.57E-08	7.71E-08	6.63E+00	2.33E-01	1.39E-03	6.43E-02	1.43E-02	1.80E-01	3.95E+01	1.14E+00	1.42E-07	5.99E-08	2.99E-03	6.43E-05	3.77E-01	2.60E-01	4.03E+01	2.05E-04	4.03E+01	4.08E+01	6.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-01
MLN506	7.26E-03	9.54E-01	-5.93E-03	9.67E-01	9.46E-07	0.00E+00	7.49E+02	8.24E-05	6.07E-04	6.65E-03	9.42E-04	3.09E+00	4.84E-08	6.55E-08	6.43E+00	2.17E-01	1.27E-03	6.07E-02	1.25E-02	1.32E-01	3.68E+01	1.10E+00	1.25E-07	4.99E-08	2.42E-03	5.63E-05	3.15E-01	2.21E-01	3.74E+01	1.91E-04	3.74E+01	3.81E+01	5.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-01
MLN506A	7.47E-03	9.83E-01	-6.62E-03	9.89E-01	9.46E-07	0.00E+00	7.29E+02	8.45E-05	6.27E-04	6.83E-03	9.73E-04	3.15E+00	4.78E-08	7.05E-08	6.48E+00	2.18E-01	1.32E-03	6.26E-02	1.38E-02	1.30E-01	3.92E+01	1.07E+00	1.26E-07	4.99E-08	2.52E-03	5.64E-05	3.07E-01	2.36E-01	4.03E+01	1.87E-04	4.03E+01	4.08E+01	5.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-01
MLN510	7.28E-03	1.01E+00	-6.49E-03	1.03E+00	9.45E-07	0.00E+00	7.43E+02	8.39E-05	6.63E-04	7.18E-03	9.34E-04	2.89E+00	4.82E-08	6.48E-08	6.01E+00	2.15E-01	1.26E-03	6.00E-02	1.25E-02	1.40E-01	3.69E+01	1.11E+00	1.25E-07	4.99E-08	2.63E-03	5.62E-05	3.71E-01	2.27E-01	3.81E+01	2.08E-04	3.81E+01	3.86E+01	6.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-01
MLN510A	7.32E-03	1.01E+00	-6.82E-03	1.01E+00	9.46E-07	0.00E+00	7.27E+02	8.46E-05	6.37E-04	6.96E-03	9.57E-04	2.90E+00	4.82E-08	6.67E-08	5.97E+00	2.18E-01	1.29E-03	6.57E-02	1.40E-02	1.43E-01	4.11E+01	1.07E+00	1.25E-07	4.98E-08	2.55E-03	5.72E-05	3.60E-01	2.34E-01	4.22E+01	1.84E-04	4.22E+01	4.27E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-01
MLN513	7.63E-03	9.57E-01	-5.96E-03	9.72E-01	9.48E-07	0.00E+00	7.43E+02	9.04E-05	6.08E-04	6.71E-03	9.34E-04	3.06E+00	4.96E-08	7.45E-08	6.44E+00	2.37E-01	1.26E-03	6.05E-02	1.52E-02	1.43E-01	3.66E+01	1.11E+00	1.25E-07	5.26E-08	2.47E-03	5.73E-05	3.91E-01	2.18E-01	3.78E+01	1.98E-04	3.78E+01	3.84E+01	6.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-01
MLN513A	7.39E-03	1.01E+00	-6.82E-03	1.01E+00	9.46E-07	0.00E+00	7.26E+02	8.46E-05	6.39E-04	6.98E-03	9.58E-04	2.91E+00	4.84E-08	6.70E-08	5.97E+00	2.18E-01	1.30E-03	6.57E-02	1.41E-02	1.47E-01	4.11E+01	1.07E+00	1.25E-07	5.04E-08	2.55E-03	5.72E-05	3.61E-01	2.35E-01	4.22E+01	1.84E-04	4.22E+01	4.28E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-01
MLN516	7.35E-03	9.83E-01	-6.23E-03	9.89E-01	9.46E-07	0.00E+00	7.41E+02	8.51E-05	6.26E-04	6.84E-03	9.46E-04	2.98E+00	4.82E-08	6.74E-08	6.15E+00	2.18E-01	1.28E-03	6.26E-02	1.39E-02	1.43E-01	3.92E+01	1.10E+00	1.25E-07	5.01E-08	2.50E-03	5.73E-05	3.69E-01	2.33E-01	4.03E+01	1.85E-04	4.03E+01	4.09E+01	6.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-01
MLN516A	7.43E-03	1.01E+00	-6.72E-03	1.01E+00	9.46E-07	0.00E+00	7.26E+02	8.46E-05	6.39E-04	6.98E-03	9.62E-04	2.98E+00	4.82E-08	6.80E-08	6.14E+00	2.18E-01	1.30E-03	6.57E-02	1.42E-02	1.43E-01	4.11E+01	1.07E+00	1.25E-07	5.04E-08	2.56E-03	5.74E-05	3.63E-01	2.35E-01	4.22E+01	1.85E-04	4.22E+01	4.28E+01	5.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-01
MLN520	1.14E-02	1.07E+00	1.29E-03	1.05E+00	1.02E-06	0.00E+00	8.45E+02	1.85E-04	7.92E-04	8.46E-03	1.01E-03	6.19E+00	8.58E-08	1.30E-07	1.32E+01	5.00E-01	1.37E-03	6.43E-02	1.89E-02	1.51E-01	3.43E+01	1.15E+00	1.42E-07	7.50E-08	3.18E-03	6.22E-05	5.48E-01	2.60E-01	3.52E+01	2.32E-04	3.52E+01	3.63E+01	7.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-01
MLN520A	1.17E-02	9.81E-01	1.19E-03	9.80E-01	1.00E-06	0.00E+00	7.29E+02	1.83E-04	6.89E-04	7.69E-03	9.83E-04	6.19E+00	8.40E-08	1.32E-07	1.32E+01	5.03E-01	1.33E-03	6.73E-02	1.92E-02	1.55E-01	3.47E+01	1.07E+00	1.43E-07	7.66E-08	2.94E-03	6.39E-05	5.58E-01	2.37E-01	3.57E+01	2.40E-04	3.57E+01	3.65E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-01
MLN525	1.21E-02	9.63E-01	2.97E-03	9.53E-01	1.02E-06	0.00E+00	7.46E+02	2.13E-04	6.84E-04	7.69E-03	9.78E-04	6.51E+00	8.32E-08	1.39E-07	1.38E+01	5.90E-01	1.32E-03	6.33E-02	1.98E-02	1.54E-01	3.22E+01	1.10E+00	1.45E-07	7.88E-08	2.95E-03	6.40E-05	5.59E-01	2.29E-01	3.34E+01	2.58E-04	3.34E+01	3.42E+01	8.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-01
MLN525A	1.23E-02	9.81E-01	2.80E-03	9.78E-01	1.02E-06	0.00E+00	7.32E+02	2.17E-04	7.00E-04	7.86E-03	9.96E-04	6.55E+00	8.44E-08	1.41E-07	1.40E+01	6.06E-01	1.35E-03	6.76E-02	2.00E-02	1.59E-01	3.36E+01	1.07E+00	1.45E-07	8.01E-08	3.00E-03	6.50E-05	5.98E-01	2.38E-01	3.47E+01	2.45E-04	3.47E+01	3.55E+01	8.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-01
MLN532	1.25E-02	1.07E+00	3.02E-03	1.05E+00	1.04E-06	0.00E+00	8.41E+02	2.17E-04	8.02E-04	8.64E-03	1.01E-03	6.79E+00	8.45E-08	1.44E-07	1.45E+01	6.13E-01	1.38E-03	6.45E-02	2.00E-02	1.58E-01	3.35E+01	1.14E+00	1.46E-07	8.12E-08	3.29E-03	6.47E-05	6.15E-01	2.61E-01	3.43E+01	2.46E-04	3.43E+01	3.56E+01	8.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-01
MLN532A	1.26E-02	1.09E+00	2.65E-03	1.08E+00	1.06E-06	0.00E+00	8.28E+02	2.17E-04	8.08E-04	8.72E-03	1.04E-03	6.80E+00	8.73E-08	1.45E-07	1.45E+01	6.09E-01	1.42E-03	6.73E-02	2.07E-02	1.61E-01	3.53E+01	1.10E+00	1.46E-07	8.20E-08	3.31E-03	6.53E-05	6.20E-01	2.62E-01	3.67E+01	2.45E-04	3.67E+01	3.77E+01	8.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-01
MLN540	1.25E-02	1.06E+00	2.93E-03	1.04E+00	1.02E-06	0.00E+00	7.47E+02	2.19E-04	7.99E-04	8.63E-03	9.66E-04	7.01E+00	9.83E-08	1.48E-07	1.46E+01	6.08E-01	1.31E-03	6.45E-02	2.02E-02	1.58E-01	3.26E+01	1.09E+00	1.46E-07	8.19E-08	3.27E-03	6.42E-05	6.12E-01	2.43E-01	3.35E+01	3.27E-04	3.35E+01	3.45E+01	8.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-01
MLN540A	1.26E-02	1.09E+00	1.78E-03	1.08E+00	1.06E-06	0.00E+00	1.20E+03	2.23E-04	8.09E-04	8.77E-03	1.07E-03	7.10E+00	1.01E-07	1.48E-07	1.47E+01	6.16E-01	1.50E-03	6.70E-02	2.12E-02	1.76E-01	3.56E+01	1.12E+00	1.46E-07	8.30E-08	3.32E-03	6.61E-05	6.31E-01	2.80E-01	3.72E+01	3.51E-04	3.72E+01	3.80E+01	8.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-01
MLN702	9.34E-03	1.01E+00	-6.94E-03	1.05E+00	7.53E-07	0.00E+00	8.09E+02	9.00E-05	6.76E-04	7.51E-03	1.01E-03	3.49E+00	8.34E-08	7.46E-08	7.85E+00	2.31E-01	1.36E-03	6.51E-02	1.54E-02	1.86E-01	3.93E+01	1.14E+00	1.42E-07	6.43E-08	2.76E-03	5.98E-05	4.34E-01	2.28E-01	4.06E+01	2.08E-04	4.06E+01	4.11E+01	6.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-01
MLN702A	9.34E-03	1.01E+00	-7.17E-03	1.05E+00	7.53E-07	0.00E+00	8.09E+02	9.00E-05	6.76E-04	7.49E-03	1.01E-03	3.49E+00	8.34E-08	7.46E-08	7.85E+00	2.31E-01	1.36E-03	6.51E-02	1.54E-02	1.86E-01	3.93E+01	1.14E+00	1.42E-07	6.42E-08	2.76E-03	5.96E-05	4.34E-01	2.28E-01	4.06E+01	2.08E-04	4.06E+01	4.11E+01	6.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-01
MLN706	9.06E-03	1.00E+00	-6.33E-03	1.01E+00	7.51E-07	0.00E+00	7.63E+02	8.51E-05	6.66E-04	7.37E-03	9.70E-04	3.31E+00	5.95E-08	6.91E-08	7.60E+00	2.26E-01	1.31E-03	6.48E-02	1.50E-02	1.59E-01	3.92E+01	1.14E+00	1.42E-07	6.18E-08	2.73E-03	5.20E-05	3.98E-01	2.26E-01	4.04E+01	2.07E-04	4.04E+01	4.09E+01	6.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-01
MLN706A	9.04E-03	1.09E+00	-7.48E-03	1.10E+00	7.80E-07	0.00E+00	8.55E+02	8.61E-05	7.96E-04	8.31E-03	1.02E-03	3.31E+00	6.04E-08	7.02E-08	7.57E+00	2.27E-01	1.38E-03	6.53E-02	1.50E-02	1.62E-01	4.00E+01	1.18E+00	1.42E-07	6.18E-08	3.05E-03	5.25E-05	4.06E-01	2.58E-01	4.12E+01	2.05E-04	4.12E+01	4.20E+01	6.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-01
MLN710	7.49E-03	1.00E+00	-7.76E-03	1.02E+00	7.47E-07	0.00E+00	7.65E+02	8.17E-05	6.38E-04	6.95E-03	9.55E-04	2.88E+00	5.60E-08	6.54E-08	6.07E+00	2.08E-01	1.29E-03	6.43E-02	1.43E-02	1.36E-01	3.93E+01	1.11E+00	1.25E-07	5.04E-08	2.51E-03	5.04E-05	3.46E-01	2.26E-01	4.05E+01	1.95E-04	4.05E+01	4.09E+01	5.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-01
MLN710A	7.50E-03	1.09E+00	-9.29E-03	1.10E+00	7.76E-07	0.00E+00	8.57E+02	8.28E-05	7.75E-04	8.00E-03	1.01E-03	2.86E+00	5.74E-08	6.66E-08	6.12E+00	2.10E-01	1.37E-03	6.49E-02	1.44E-02	1.37E-01	4.00E+01	1.15E+00	1.25E-07	5.10E-08	2.90E-03	5.00E-05	3.61E-01	2.58E-01	4.11E+01	1.93E-04	4.11E+01	4.20E+01	6.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-01
MLN716	9.59E-03	9.96E-01	-7.50E-03	1.01E+00	7.59E-07	0.00E+00	7.66E+02	7.68E-05	6.58E-04	7.24E-03	9.65E-04	3.20E+00	5.64E-08	7.01E-08	6.85E+00	1.94E-01	1.30E-03	6.51E-02	1.45E-02	1.39E-01	3.61E+01	1.11E+00	1.35E-07	6.29E-08	2.64E-03	5.30E-05	3.74E-01	2.27E-01	3.69E+01	2.04E-04	3.69E+01	3.82E+01	6.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-01
MLN716A	9.50E-03	1.09E+00	-8.80E-03	1.10E+00	7.88E-07	0.00E+00	8.58E+02	7.75E-05	7.88E-04	8.24E-03	1.01E-03	3.20E+00	5.71E-08	7.10E-08	6.85E+00	1.94E-01	1.37E-03	6.54E-02	1.46E-02	1.39E-01	3.73E+01	1.15E+00	1.34E-07	6.27E-08	3.02E-03	5.25E-05	3.78E-01	2.58E-01	3.81E+01	2.01E-04	3.81E+01	3.96E+01	6.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-01
MLN720	1.15E-02	9.93E-01	-2.21E-03	9.95E-01	7.92E-07	0.00E+00	7.61E+02	1.37E-04	6.81E-04	7.62E-03	9.72E-04	5.06E+00	7.05E-08	1.03E-07	1.08E+01	4.11E-01	1.32E-03	6.69E-02	1.69E-02	1.53E-01	3.24E+01	1.10E+00	1.45E-07	7.29E-08	2.90E-03	6.40E-05	4.93E-01	2.28E-01	3.33E+01	2.34E-04	3.33E+01	3.38E+01	7.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-01
MLN720A	1.14E-02	1.09E+00	-4.26E-03	1.09E+00	8.33E-07	0.00E+00	8.53E+02	1.38E-04	7.99E-04	8.57E-03	1.04E-03	5.05E+00	7.32E-08	1.02E-07	1.08E+01	4.15E-01	1.46E-03	6.76E-02	1.69E-02	1.56E-01	3.45E+01	1.14E+00	1.45E-07	7.20E-08	3.23E-03	6.36E-05	4.99E-01	2.73E-01	3.57E+01	2.20E-04	3.57E+01	3.62E+01	7.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-01
MLN725	1.26E-02	9.97E-01	-3.89E-03	1.01E+00	7.74E-07	0.00E+00	7.60E+02	8.25E-05	6.58E-04	7.34E-03	9.99E-04	3.86E+00	6.67E-08	9.06E-08	7.98E+00	2.63E-01	1.35E-03	6.63E-02	1.93E-02	1.61E-01	3.23E+01	1.11E+00	1.45E-07	8.19E-08	2.88E-03	6.52E-05	4.09E-01	2.29E-01	3.32E+01	2.34E-04	3.32E+01	3.42E+01	8.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-01
MLN725A	1.25E-02	1.09E+00	-5.15E-03	1.10E+00	8.02E-07	0.00E+00	8.48E+02	8.19E-05	7.71E-04	8.32E-03	1.04E-03	3.86E+00	6.60E-08	9.01E-08	7.91E+00	2.61E-01	1.42E-03	6.70E-02	1.93E-02	1.60E-01	3.40E+01	1.14E+00	1.45E-07	8.19E-08	3.21E-03	6.52E-05	4.12E-01	2.60E-01	3.48E+01	2.30E-04	3.48E+01	3.60E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-01
MLN732	1.25E-02	9.97E-01	-3.91E-03	1.01E+00	7.74E-07	0.00E+00	7.60E+02	8.25E-05	6.60E-04	7.36E-03	1.01E-03	3.58E+00	7.12E-08	9.01E-08	7.63E+00	2.64E-01	1.36E-03	6.63E-02	1.94E-02	1.60E-01	3.23E+01	1.11E+00	1.45E-07	8.18E-08	2.89E-03	6.55E-05	3.96E-01	2.29E-01	3.33E+01	2.38E-04	3.33E+01	3.42E+01	8.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-01
MLN732A	1.25E-02	1.11E+00	-7.71E-03	1.13E+00	8.05E-07	0.00E+00	1.44E+03	8.19E-05	9.06E-04	9.39E-03	1.08E-03	3.58E+00	7.78E-08	8.92E-08	7.58E+00	2.64E-01	1.52E-03	6.70E-02	1.97E-02	1.73E-01	3.43E+01	1.48E+00	1.45E-07	8.19E-08	3.28E-03	6.56E-05	3.99E-01	2.77E-01	3.56E+01	2.34E-04	3.56E+01	3.64E+01	8.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-01
MLN740A	1.25E-02	1.11E+00	-7.70E-03	1.13E+00	8.04E-07	0.00E+00	1.44E+03	8.45E-05	9.03E-04	9.39E-03	1.09E-03	3.54E+00	8.14E-08	8.93E-08	7.54E+00	2.65E-01	1.54E-03	6.68E-02	1.99E-02	1.73E-01	3.42E+01	1.47E+00	1.45E-07	8.30E-08	3.28E-03	6.58E-05	4.05E-01	2.78E-01	3.56E+01	2.38E-04	3.56E+01	3.69E+01	8.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-01
MLS506	8.15E-03	9.42E-01	-4.58E-03	9.53E-01	9.56E-07	0.00E+00	7.71E+02	1.05E-04	6.15E-04	6.84E-03	9.09E-04	3.35E+00	9.12E-08	6.46E-08	7.55E+00	2.66E-01	1.23E-03	5.93E-02	1.30E-02	1.46E-01	3.53E+01	1.19E+00	1.29E-07	5.38E-08	2.50E-03	5.67E-05	4.09E-01	2.16E-01	3.61E+01	1.91E-04	3.61E+01	3.71E+01	6.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-01
MLS510	7.92E-03	9.82E-01	-5.01E-03	9.86E-01	9.58E-07	0.00E+00	7.71E+02	1.09E-04	6.42E-04	7.02E-03	9.08E-04	3.29E+00	9.60E-08	6.33E-08	7.37E+00	2.82E-01	1.23E-03	5.98E-02	1.30E-02	1.46E-01	3.57E+01	1.20E+00	1.28E-07	5.33E-08	2.55E-03	5.61E-05	4.20E-01	2.28E-01	3.71E+01	1.98E-04	3.71E+01	3.79E+01	6.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MLS513	8.41E-03	9.23E-01	-3.77E-03	9.25E-01	9.74E-07	0.00E+00	7.67E+02	1.22E-04	6.11E-04	6.84E-03	9.01E-04	3.94E+00	9.39E-08	8.98E-08	8.42E+00	3.02E-01	1.22E-03	5.83E-02	1.60E-02	1.51E-01	3.52E+01	1.16E+00	1.29E-07	5.73E-08	2.52E-03	5.71E-05	4.76E-01	2.15E-01	3.62E+01	2.03E-04	3.62E+01	3.70E+01	6.99E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-01
MLS516	8.47E-03	9.66E-01	-4.05E-03	9.70E-01	9.71E-07	0.00E+00	7.72E+02	1.19E-04	6.39E-04	7.03E-03	9.10E-04	3.78E+00	9.55E-08	8.39E-08	8.08E+00	3.01E-01	1.23E-03	6.16E-02	1.53E-02	1.52E-01	3.66E+01	1.14E+00	1.30E-07	5.71E-08	2.59E-03	5.76E-05	4.87E-01	2.30E-01	3.77E+01	1.93E-04	3.77E+01	3.85E+01	7.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-01
MLU502	9.09E-03	1.09E+00	-7.47E-03	1.11E+00	9.73E-07	0.00E+00	8.62E+02	8.64E-05	7.63E-04	7.98E-03	1.05E-03	3.37E+00	8.25E-08	7.75E-08	7.05E+00	2.19E-01	1.43E-03	6.45E-02	1.47E-02	1.89E-01	3.98E+01	1.18E+00	1.42E-07	5.99E-08	2.96E-03	6.62E-05	3.68E-01	2.60E-01	4.06E+01	1.99E-04	4.06E+01	4.12E+01	6.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-01
MLU506	7.45E-03	9.76E-01	-6.59E-03	9.83E-01	9.46E-07	0.00E+00	7.08E+02	8.42E-05	6.22E-04	6.78E-03	9.62E-04	3.15E+00	4.77E-08	7.03E-08	6.48E+00	2.18E-01	1.30E-03	6.26E-02	1.38E-02	1.30E-01	3.91E+01	1.05E+00	1.25E-07	4.98E-08	2.50E-03	5.63E-05	3.05E-01	2.35E-01	4.01E+01	1.87E-04	4.01E+01	4.07E+01	5.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-01
MLU510	7.30E-03	9.99E-01	-6.79E-03	1.01E+00	9.46E-07	0.00E+00	7.07E+02	8.44E-05	6.32E-04	6.90E-03	9.47E-04	2.90E+00	4.80E-08	6.65E-08	5.96E+00	2.18E-01	1.28E-03	6.56E-02	1.40E-02	1.42E-01	4.10E+01	1.04E+00	1.24E-07	4.96E-08	2.53E-03	5.71E-05	3.58E-01	2.33E-01	4.20E+01	1.84E-04	4.20E+01	4.26E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-01
MLU516	7.41E-03	1.00E+00	-6.68E-03	1.01E+00	9.46E-07	0.00E+00	7.05E+02	8.44E-05	6.34E-04	6.93E-03	9.52E-04	2.98E+00	4.80E-08	6.79E-08	6.13E+00	2.18E-01	1.29E-03	6.57E-02	1.41E-02	1.43E-01	4.10E+01	1.04E+00	1.25E-07	5.03E-08	2.55E-03	5.73E-05	3.61E-01	2.34E-01	4.21E+01	1.85E-04	4.21E+01	4.26E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-01
MLU520	1.17E-02	9.74E-01	1.23E-03	9.73E-01	1.00E-06	0.00E+00	7.09E+02	1.83E-04	6.84E-04	7.63E-03	9.73E-04	6.19E+00	8.39E-08	1.32E-07	1.32E+01	5.03E-01	1.32E-03	6.73E-02	1.92E-02	1.55E-01	3.45E+01	1.04E+00	1.42E-07	7.64E-08	2.93E-03	6.38E-05	5.56E-01	2.36E-01	3.56E+01	2.40E-04	3.56E+01	3.64E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-01
MLU525	1.22E-02	9.74E-01	2.84E-03	9.71E-01	1.02E-06	0.00E+00	7.11E+02	2.17E-04	6.95E-04	7.81E-03	9.86E-04	6.55E+00	8.42E-08	1.40E-07	1.40E+01	6.06E-01	1.33E-03	6.76E-02	2.00E-02	1.58E-01	3.35E+01	1.04E+00	1.45E-07	8.00E-08	2.99E-03	6.50E-05	5.96E-01	2.37E-01	3.45E+01	2.45E-04	3.45E+01	3.54E+01	8.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-01
MLU532	1.25E-02	9.80E-01	3.16E-03	9.77E-01	1.02E-06	0.00E+00	7.10E+02	2.17E-04	7.00E-04	7.87E-03	1.00E-03	6.78E+00	8.40E-08	1.44E-07	1.45E+01	6.06E-01	1.35E-03	6.76E-02	2.03E-02	1.55E-01	3.36E+01	1.04E+00	1.46E-07	8.14E-08	3.03E-03	6.56E-05	6.04E-01	2.39E-01	3.47E+01	2.48E-04	3.47E+01	3.55E+01	8.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-01
MLU540	1.27E-02	9.84E-01	3.25E-03	9.81E-01	1.02E-06	0.00E+00	7.10E+02	2.17E-04	7.07E-04	7.94E-03	1.01E-03	6.85E+00	8.43E-08	1.46E-07	1.47E+01	6.06E-01	1.36E-03	6.76E-02	2.05E-02	1.60E-01	3.38E+01	1.04E+00	1.47E-07	8.27E-08	3.05E-03	6.59E-05	6.23E-01	2.39E-01	3.49E+01	2.48E-04	3.49E+01	3.57E+01	8.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-01
MMN313	2.40E-02	2.41E+00	-2.55E-02	2.39E+00	2.15E-06	0.00E+00	1.71E+03	6.48E-05	1.70E-03	1.90E-02	2.98E-03	2.41E+00	2.91E-08	8.60E-08	5.66E+00	1.69E-01	4.05E-03	1.14E-01	3.17E-02	5.79E-01	9.67E+01	2.51E+00	2.84E-07	1.56E-07	7.85E-03	1.86E-04	7.75E-01	6.05E-01	9.94E+01	6.40E-04	9.94E+01	1.01E+02	1.98E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MMN404	3.13E-02	3.15E+00	-3.68E-02	3.18E+00	2.35E-06	0.00E+00	2.33E+03	6.93E-05	2.24E-03	2.45E-02	3.91E-03	2.40E+00	4.14E-08	9.91E-08	5.68E+00	1.72E-01	5.33E-03	1.60E-01	3.61E-02	6.27E-01	1.27E+02	3.72E+00	3.97E-07	2.00E-07	9.53E-03	2.64E-04	8.56E-01	9.68E-01	1.29E+02	1.78E-03	1.29E+02	1.32E+02	2.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MN120V	7.19E-03	8.70E-01	-9.17E-03	8.86E-01	3.81E-07	0.00E+00	6.92E+02	5.09E-05	5.51E-04	5.95E-03	9.50E-04	1.67E+00	9.22E-08	5.53E-08	3.84E+00	8.78E-02	1.29E-03	4.96E-02	1.07E-02	1.22E-01	3.72E+01	9.48E-01	1.26E-07	4.55E-08	2.30E-03	4.32E-05	1.83E-01	2.15E-01	3.83E+01	1.32E-04	3.83E+01	3.89E+01	4.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-01
MN132Z	9.66E-03	9.83E-01	-3.20E-03	9.90E-01	3.74E-07	0.00E+00	3.67E+02	1.51E-04	7.21E-04	7.56E-03	1.06E-03	3.43E+00	1.76E-07	9.75E-08	7.37E+00	3.97E-01	1.44E-03	5.16E-02	1.38E-02	1.74E-01	3.28E+01	7.38E-01	1.45E-07	6.08E-08	3.09E-03	5.39E-05	3.49E-01	2.35E-01	3.34E+01	2.73E-03	3.34E+01	3.42E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-01
MN140Z	9.89E-03	9.71E-01	-3.18E-03	9.85E-01	3.73E-07	0.00E+00	3.70E+02	1.52E-04	7.10E-04	7.48E-03	1.06E-03	3.37E+00	1.77E-07	9.66E-08	7.29E+00	3.98E-01	1.44E-03	5.16E-02	1.38E-02	1.69E-01	3.28E+01	7.42E-01	1.45E-07	6.17E-08	3.09E-03	5.39E-05	3.42E-01	2.35E-01	3.39E+01	2.73E-03	3.39E+01	3.42E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MN150Z	1.25E-02	1.04E+00	5.05E-03	1.03E+00	4.48E-07	0.00E+00	4.01E+02	1.68E-04	7.80E-04	8.44E-03	1.10E-03	5.45E+00	1.36E-08	1.27E-07	1.15E+01	4.94E-01	1.49E-03	5.05E-02	1.80E-02	2.03E-01	3.27E+01	7.47E-01	1.93E-07	8.19E-08	3.37E-03	7.63E-05	5.30E-01	2.33E-01	3.43E+01	2.97E-03	3.43E+01	3.47E+01	8.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-01
MN163Z	1.27E-02	1.05E+00	5.25E-03	1.04E+00	4.50E-07	0.00E+00	4.02E+02	1.83E-04	7.85E-04	8.53E-03	1.11E-03	6.28E+00	1.37E-08	1.42E-07	1.39E+01	5.47E-01	1.49E-03	5.02E-02	1.82E-02	2.09E-01	3.31E+01	7.46E-01	1.94E-07	8.50E-08	3.36E-03	7.64E-05	5.80E-01	2.39E-01	3.45E+01	2.92E-03	3.45E+01	3.52E+01	8.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-01
MN206V	1.54E-02	1.71E+00	-1.71E-02	1.70E+00	8.89E-07	0.00E+00	1.18E+03	5.30E-05	1.10E-03	1.17E-02	1.87E-03	2.24E+00	1.45E-08	6.46E-08	4.58E+00	1.16E-01	2.47E-03	9.57E-02	2.22E-02	2.84E-01	7.20E+01	1.85E+00	2.67E-07	9.71E-08	4.65E-03	1.06E-04	3.16E-01	3.99E-01	7.39E+01	2.55E-04	7.39E+01	7.46E+01	9.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-01
MN210V	9.89E-03	1.53E+00	-2.26E-02	1.55E+00	1.72E-08	0.00E+00	1.76E+03	5.46E-05	1.12E-03	1.22E-02	1.65E-03	2.18E+00	1.61E-08	6.30E-08	4.26E+00	1.02E-01	2.23E-03	6.35E-02	1.19E-02	2.16E-01	4.67E+01	2.21E+00	1.53E-07	6.40E-08	4.01E-03	7.27E-05	4.11E-01	4.39E-01	4.89E+01	1.19E-04	4.89E+01	4.97E+01	8.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MN210V33	1.20E-02	1.59E+00	-2.24E-02	1.62E+00	1.72E-08	0.00E+00	1.76E+03	5.47E-05	1.63E-03	1.77E-02	1.65E-03	2.18E+00	1.61E-08	6.37E-08	4.26E+00	1.02E-01	2.23E-03	6.35E-02	1.20E-02	2.35E-01	4.76E+01	2.21E+00	1.53E-07	7.54E-08	5.44E-03	7.95E-05	4.18E-01	4.39E-01	4.98E+01	1.19E-04	4.98E+01	5.06E+01	8.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-01

MN216V	9.76E-03	1.52E+00	-2.25E-02	1.55E+00	1.72E-08	0.00E+00	1.76E+03	5.46E-05	1.12E-03	1.22E-02	1.64E-03	2.17E+00	1.58E-08	6.27E-08	4.25E+00	1.02E-01	2.23E-03	6.35E-02	1.17E-02	2.11E-01	4.66E+01	2.21E+00	1.52E-07	6.28E-08	3.99E-03	7.23E-05	4.10E-01	4.39E-01	4.88E+01	1.19E-04	4.88E+01	4.97E+01	8.49E-01	0.00E+00	0.00E+00	0.00E+00	5.04E-01
MN216V33	1.19E-02	1.59E+00	-2.24E-02	1.61E+00	1.72E-08	0.00E+00	1.76E+03	5.46E-05	1.63E-03	1.77E-02	1.65E-03	2.17E+00	1.58E-08	6.34E-08	4.25E+00	1.02E-01	2.23E-03	6.35E-02	1.19E-02	2.30E-01	4.75E+01	2.21E+00	1.53E-07	7.42E-08	5.42E-03	7.92E-05	4.17E-01	4.39E-01	4.97E+01	1.19E-04	4.97E+01	5.06E+01	8.56E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MN220V	1.00E-02	1.53E+00	-2.23E-02	1.55E+00	1.73E-08	0.00E+00	1.76E+03	5.48E-05	1.13E-03	1.22E-02	1.66E-03	2.34E+00	1.61E-08	6.61E-08	4.65E+00	1.02E-01	2.24E-03	6.36E-02	1.21E-02	2.14E-01	4.67E+01	2.21E+00	1.53E-07	6.46E-08	4.03E-03	7.27E-05	4.17E-01	4.40E-01	4.89E+01	1.21E-04	4.89E+01	4.98E+01	8.57E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MN220V33	1.22E-02	1.60E+00	-2.21E-02	1.62E+00	1.73E-08	0.00E+00	1.76E+03	5.49E-05	1.64E-03	1.78E-02	1.66E-03	2.34E+00	1.61E-08	6.68E-08	4.65E+00	1.03E-01	2.25E-03	6.36E-02	1.22E-02	2.33E-01	4.76E+01	2.21E+00	1.54E-07	7.61E-08	5.47E-03	7.95E-05	4.24E-01	4.40E-01	4.98E+01	1.21E-04	4.98E+01	5.07E+01	8.64E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-01
MN225V	1.45E-02	1.75E+00	-1.70E-02	1.77E+00	1.71E-08	0.00E+00	1.42E+03	5.11E-05	1.08E-03	1.16E-02	1.93E-03	3.62E+00	1.56E-08	9.08E-08	7.71E+00	9.96E-02	2.61E-03	9.64E-02	2.02E-02	2.57E-01	7.30E+01	1.94E+00	2.58E-07	9.16E-08	4.43E-03	1.08E-04	3.02E-01	4.29E-01	7.50E+01	2.54E-04	7.50E+01	7.57E+01	7.30E-01	0.00E+00	0.00E+00	0.00E+00	8.69E-01
MN225V1	1.46E-02	1.76E+00	-1.67E-02	1.78E+00	1.71E-08	0.00E+00	1.41E+03	5.12E-05	1.12E-03	1.20E-02	1.93E-03	3.62E+00	1.56E-08	9.14E-08	7.77E+00	9.99E-02	2.61E-03	9.64E-02	2.04E-02	2.69E-01	7.36E+01	1.94E+00	2.59E-07	9.28E-08	4.53E-03	1.10E-04	3.50E-01	4.29E-01	7.56E+01	2.14E-04	7.56E+01	7.64E+01	7.79E-01	0.00E+00	0.00E+00	0.00E+00	8.75E-01
MN225Z	1.50E-02	1.70E+00	-1.56E-02	1.71E+00	5.84E-07	0.00E+00	1.21E+03	5.28E-05	1.09E-03	1.17E-02	1.83E-03	3.68E+00	1.50E-08	9.19E-08	7.86E+00	1.07E-01	2.41E-03	9.59E-02	2.14E-02	2.69E-01	7.21E+01	1.89E+00	2.58E-07	9.72E-08	4.50E-03	1.08E-04	3.31E-01	3.98E-01	7.37E+01	2.76E-04	7.37E+01	7.47E+01	8.29E-01	0.00E+00	0.00E+00	0.00E+00	9.27E-01
MN232V	1.92E-02	1.67E+00	-4.84E-03	1.68E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.17E-03	1.26E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.50E-01	2.83E-03	9.87E-02	2.71E-02	3.44E-01	6.24E+01	1.47E+00	2.92E-07	1.21E-07	5.11E-03	1.29E-04	7.26E-01	4.45E-01	6.39E+01	3.93E-03	6.39E+01	6.51E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN232V1	1.92E-02	1.69E+00	-4.84E-03	1.69E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.20E-03	1.30E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.50E-01	2.83E-03	9.87E-02	2.71E-02	3.44E-01	6.26E+01	1.47E+00	2.92E-07	1.22E-07	5.20E-03	1.29E-04	7.26E-01	4.45E-01	6.41E+01	3.93E-03	6.41E+01	6.52E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN232Z	1.81E-02	1.68E+00	-9.90E-03	1.68E+00	2.96E-07	0.00E+00	7.68E+02	2.75E-04	1.16E-03	1.26E-02	2.11E-03	6.77E+00	3.19E-07	1.84E-07	1.44E+01	6.41E-01	2.85E-03	9.87E-02	2.59E-02	3.39E-01	6.28E+01	1.52E+00	2.94E-07	1.14E-07	5.04E-03	1.28E-04	7.19E-01	4.47E-01	6.50E+01	3.89E-03	6.50E+01	6.57E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MN240V	1.93E-02	1.70E+00	-4.63E-03	1.70E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.18E-03	1.27E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.50E-01	2.83E-03	9.87E-02	2.71E-02	3.46E-01	6.28E+01	1.48E+00	3.45E-07	1.22E-07	5.15E-03	1.29E-04	7.28E-01	4.45E-01	6.43E+01	3.85E-03	6.43E+01	6.55E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN240V1	1.93E-02	1.71E+00	-4.63E-03	1.71E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.21E-03	1.31E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.50E-01	2.83E-03	9.87E-02	2.71E-02	3.46E-01	6.30E+01	1.48E+00	3.45E-07	1.22E-07	5.24E-03	1.30E-04	7.28E-01	4.45E-01	6.45E+01	3.85E-03	6.45E+01	6.56E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN250Z	2.34E-02	1.80E+00	7.11E-03	1.76E+00	3.90E-07	0.00E+00	6.68E+02	2.90E-04	1.29E-03	1.43E-02	2.08E-03	1.08E+01	1.45E-08	2.65E-07	2.27E+01	8.20E-01	2.71E-03	9.82E-02	3.40E-02	3.97E-01	6.20E+01	1.48E+00	3.22E-07	1.59E-07	5.81E-03	1.63E-04	1.01E+00	4.22E-01	6.41E+01	4.08E-03	6.41E+01	6.59E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.47E+00
MN263Z	2.54E-02	1.79E+00	7.44E-03	1.76E+00	3.74E-07	0.00E+00	6.66E+02	3.05E-04	1.29E-03	1.45E-02	2.09E-03	1.20E+01	1.47E-08	2.77E-07	2.45E+01	8.50E-01	2.73E-03	9.82E-02	3.70E-02	4.06E-01	6.21E+01	1.49E+00	3.90E-07	1.67E-07	5.85E-03	1.67E-04	1.05E+00	4.23E-01	6.32E+01	4.14E-03	6.32E+01	6.55E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MN306Z	1.78E-02	2.46E+00	-2.31E-02	2.49E+00	3.70E-07	0.00E+00	1.35E+03	6.64E-05	1.39E-03	1.52E-02	2.60E-03	2.68E+00	2.04E-08	9.05E-08	5.76E+00	1.46E-01	3.49E-03	1.43E-01	2.57E-02	3.59E-01	1.06E+02	2.60E+00	3.66E-07	1.11E-07	6.09E-03	1.59E-04	4.10E-01	4.81E-01	1.08E+02	3.60E-04	1.08E+02	1.10E+02	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MN310Z	1.79E-02	2.48E+00	-2.30E-02	2.50E+00	3.70E-07	0.00E+00	1.38E+03	6.66E-05	1.39E-03	1.54E-02	2.64E-03	3.37E+00	2.01E-08	9.73E-08	7.30E+00	1.48E-01	3.53E-03	1.43E-01	2.60E-02	3.68E-01	1.07E+02	2.61E+00	3.71E-07	1.13E-07	6.14E-03	1.62E-04	4.38E-01	4.81E-01	1.10E+02	3.47E-04	1.10E+02	1.11E+02	1.04E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MN320Z	2.03E-02	2.50E+00	-2.23E-02	2.53E+00	3.64E-07	0.00E+00	1.33E+03	6.85E-05	1.44E-03	1.59E-02	2.79E-03	4.47E+00	2.06E-08	1.16E-07	9.39E+00	1.47E-01	3.76E-03	1.43E-01	2.81E-02	3.72E-01	1.07E+02	2.62E+00	3.75E-07	1.28E-07	6.40E-03	1.61E-04	4.35E-01	4.84E-01	1.10E+02	3.76E-04	1.10E+02	1.12E+02	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MN332Z	2.86E-02	2.49E+00	-8.11E-03	2.50E+00	1.11E-06	0.00E+00	1.06E+03	4.30E-04	1.73E-03	1.88E-02	3.14E-03	1.05E+01	4.79E-07	2.84E-07	2.20E+01	1.12E+00	4.25E-03	1.47E-01	4.09E-02	5.07E-01	9.26E+01	2.20E+00	4.41E-07	1.82E-07	7.65E-03	1.93E-04	1.05E+00	6.69E-01	9.49E+01	5.96E-03	9.49E+01	9.78E+01	1.73E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MN340Z	3.09E-02	2.44E+00	-6.30E-03	2.46E+00	1.09E-06	0.00E+00	8.14E+02	4.34E-04	1.59E-03	1.76E-02	3.09E-03	1.05E+01	4.33E-07	2.87E-07	2.26E+01	1.13E+00	4.19E-03	1.45E-01	4.25E-02	5.40E-01	9.30E+01	2.01E+00	5.34E-07	1.96E-07	7.77E-03	2.00E-04	1.11E+00	5.15E-01	9.50E+01	5.85E-03	9.50E+01	9.73E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
MN363Z	3.88E-02	2.57E+00	9.69E-03	2.56E+00	1.24E-06	0.00E+00	7.66E+02	4.54E-04	1.76E-03	1.95E-02	3.31E-03	1.82E+01	2.10E-08	4.15E-07	3.78E+01	1.27E+00	4.49E-03	1.39E-01	5.13E-02	6.38E-01	9.13E+01	2.02E+00	5.73E-07	2.59E-07	8.88E-03	2.50E-04	1.56E+00	5.21E-01	9.34E+01	6.56E-03	9.34E+01	9.61E+01	2.20E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00
MN463Z	4.95E-02	2.71E+00	1.09E-02	2.62E+00	1.56E-06	0.00E+00	1.09E+03	5.84E-04	2.20E-03	2.45E-02	4.39E-03	2.27E+01	2.66E-08	5.45E-07	4.63E+01	1.63E+00	5.97E-03	1.43E-01	6.61E-02	8.73E-01	9.38E+01	2.34E+00	7.43E-07	3.29E-07	1.07E-02	3.17E-04	1.93E+00	8.41E-01	9.58E+01	7.81E-03	9.58E+01	1.01E+02	2.88E+00	0.00E+00	0.00E+00	0.00E+00	2.89E+00
MN506V	1.30E-02	1.64E+00	-1.69E-02	1.64E+00	8.36E-07	0.00E+00	1.20E+03	5.73E-05	1.02E-03	1.11E-02	1.76E-03	2.77E+00	1.35E-08	5.89E-08	5.33E+00	1.26E-01	2.33E-03	9.34E-02	1.69E-02	2.36E-01	7.00E+01	1.82E+00	2.49E-07	7.73E-08	4.15E-03	1.05E-04	2.63E-01	3.85E-01	7.16E+01	2.24E-04	7.16E+01	7.32E+01	6.26E-01	0.00E+00	0.00E+00	0.00E+00	7.23E-01
MN510V	9.90E-03	1.53E+00	-2.26E-02	1.55E+00	1.72E-08	0.00E+00	1.76E+03	5.46E-05	1.13E-03	1.22E-02	1.65E-03	2.18E+00	1.61E-08	6.30E-08	4.26E+00	1.02E-01	2.24E-03	6.35E-02	1.19E-02	2.16E-01	4.67E+01	2.22E+00	1.17E-07	6.40E-08	4.02E-03	7.28E-05	4.15E-01	4.40E-01	4.90E+01	1.19E-04	4.90E+01	4.98E+01	8.54E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MN510V33	1.21E-02	1.60E+00	-2.24E-02	1.62E+00	1.72E-08	0.00E+00	1.76E+03	5.47E-05	1.64E-03	1.79E-02	1.65E-03	2.18E+00	1.61E-08	6.37E-08	4.26E+00	1.02E-01	2.24E-03	6.35E-02	1.20E-02	2.35E-01	4.77E+01	2.22E+00	1.18E-07	7.58E-08	5.49E-03	7.97E-05	4.21E-01	4.40E-01	4.99E+01	1.19E-04	4.99E+01	5.07E+01	8.61E-01	0.00E+00	0.00E+00	0.00E+00	5.16E-01
MN516V	9.77E-03	1.52E+00	-2.26E-02	1.55E+00	1.72E-08	0.00E+00	1.76E+03	5.46E-05	1.12E-03	1.22E-02	1.65E-03	2.17E+00	1.58E-08	6.27E-08	4.26E+00	1.02E-01	2.23E-03	6.35E-02	1.17E-02	2.11E-01	4.67E+01	2.22E+00	1.17E-07	6.28E-08	4.00E-03	7.24E-05	4.14E-01	4.39E-01	4.89E+01	1.19E-04	4.89E+01	4.98E+01	8.53E-01	0.00E+00	0.00E+00	0.00E+00	5.05E-01
MN516V33	1.20E-02	1.59E+00	-2.24E-02	1.61E+00	1.72E-08	0.00E+00	1.76E+03	5.47E-05	1.64E-03	1.78E-02	1.65E-03	2.17E+00	1.59E-08	6.34E-08	4.26E+00	1.02E-01	2.23E-03	6.35E-02	1.19E-02	2.31E-01	4.76E+01	2.22E+00	1.17E-07	7.46E-08	5.47E-03	7.93E-05	4.20E-01	4.39E-01	4.98E+01	1.19E-04	4.98E+01	5.07E+01	8.60E-01	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MN520V	1.01E-02	1.53E+00	-2.23E-02	1.55E+00	1.73E-08	0.00E+00	1.76E+03	5.48E-05	1.13E-03	1.22E-02	1.66E-03	2.34E+00	1.61E-08	6.61E-08	4.65E+00	1.02E-01	2.25E-03	6.36E-02	1.21E-02	2.14E-01	4.68E+01	2.22E+00	1.18E-07	6.47E-08	4.04E-03	7.28E-05	4.21E-01	4.41E-01	4.90E+01	1.21E-04	4.90E+01	4.99E+01	8.61E-01	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MN520V33	1.22E-02	1.60E+00	-2.21E-02	1.62E+00	1.73E-08	0.00E+00	1.76E+03	5.49E-05	1.64E-03	1.78E-02	1.66E-03	2.34E+00	1.61E-08	6.68E-08	4.66E+00	1.03E-01	2.25E-03	6.36E-02	1.22E-02	2.34E-01	4.77E+01	2.22E+00	1.18E-07	7.61E-08	5.47E-03	7.96E-05	4.28E-01	4.41E-01	4.99E+01	1.21E-04	4.99E+01	5.08E+01	8.68E-01	0.00E+00	0.00E+00	0.00E+00	5.24E-01
MN525V	1.35E-02	1.59E+00	-1.32E-02	1.61E+00	6.23E-08	0.00E+00	1.39E+03	1.01E-04	1.03E-03	1.11E-02	1.79E-03	4.61E+00	1.67E-07	1.10E-07	9.98E+00	2.08E-01	2.43E-03	8.67E-02	1.97E-02	2.53E-01	6.19E+01	1.91E+00	2.58E-07	8.60E-08	4.13E-03	1.08E-04	3.99E-01	4.05E-01	6.38E+01	2.69E-04	6.38E+01	6.46E+01	8.04E-01	0.00E+00	0.00E+00	0.00E+00	8.46E-01
MN525V1	1.36E-02	1.61E+00	-1.29E-02	1.62E+00	6.23E-08	0.00E+00	1.39E+03	1.01E-04	1.06E-03	1.14E-02	1.79E-03	4.61E+00	1.67E-07	1.10E-07	1.00E+01	2.08E-01	2.43E-03	8.67E-02	1.98E-02	2.64E-01	6.26E+01	1.91E+00	2.58E-07	8.72E-08	4.23E-03	1.11E-04	4.53E-01	4.05E-01	6.45E+01	2.29E-04	6.45E+01	6.53E+01	8.58E-01	0.00E+00	0.00E+00	0.00E+00	8.52E-01
MN532V	1.87E-02	1.67E+00	-4.84E-03	1.68E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.16E-03	1.25E-02	2.09E-03	6.95E+00	3.17E-07	1.91E-07	1.50E+01	7.49E-01	2.83E-03	9.87E-02	2.64E-02	3.17E-01	6.26E+01	1.47E+00	2.92E-07	1.18E-07	5.06E-03	1.29E-04	7.29E-01	4.45E-01	6.41E+01	3.93E-03	6.41E+01	6.52E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MN532V1	1.88E-02	1.68E+00	-4.84E-03	1.69E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.19E-03	1.29E-02	2.09E-03	6.95E+00	3.17E-07	1.91E-07	1.50E+01	7.49E-01	2.83E-03	9.87E-02	2.64E-02	3.18E-01	6.28E+01	1.47E+00	2.92E-07	1.19E-07	5.16E-03	1.29E-04	7.30E-01	4.45E-01	6.42E+01	3.93E-03	6.42E+01	6.54E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MN540V	1.93E-02	1.70E+00	-4.64E-03	1.70E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.18E-03	1.27E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.49E-01	2.83E-03	9.87E-02	2.71E-02	3.46E-01	6.29E+01	1.48E+00	3.45E-07	1.22E-07	5.15E-03	1.30E-04	7.32E-01	4.45E-01	6.44E+01	3.85E-03	6.44E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN540V1	1.93E-02	1.71E+00	-4.64E-03	1.71E+00	1.84E-07	0.00E+00	7.35E+02	2.90E-04	1.21E-03	1.31E-02	2.09E-03	6.98E+00	3.19E-07	1.93E-07	1.50E+01	7.49E-01	2.83E-03	9.87E-02	2.71E-02	3.46E-01	6.30E+01	1.48E+00	3.45E-07	1.22E-07	5.24E-03	1.30E-04	7.32E-01	4.45E-01	6.45E+01	3.85E-03	6.45E+01	6.57E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MN906V	9.58E-03	1.05E+00	-6.45E-03	1.10E+00	1.32E-07	0.00E+00	6.84E+02	4.63E-05	9.31E-04	9.84E-03	9.22E-04	1.61E+00	3.72E-08	4.13E-08	3.50E+00	1.35E-01	1.25E-03	6.29E-02	9.54E-03	1.37E-01	3.68E+01	1.02E+00	1.35E-07	5.61E-08	3.13E-03	5.60E-05	2.65E-01	2.17E-01	3.79E+01	1.62E-04	3.79E+01	3.86E+01	5.73E-01	0.00E+00	0.00E+00	0.00E+00	4.00E-01
MN910V	1.10E-02	1.26E+00	-6.94E-03	1.26E+00	4.45E-08	0.00E+00	6.87E+02	8.39E-05	1.29E-03	1.42E-02	8.98E-04	2.90E+00	4.79E-08	6.75E-08	5.73E+00	2.16E-01	1.22E-03	6.54E-02	1.42E-02	1.79E-01	4.30E+01	9.92E-01	1.25E-07	6.79E-08	4.48E-03	5.57E-05	6.11E-01	2.31E-01	4.40E+01	1.85E-04	4.40E+01	4.49E+01	8.42E-01	0.00E+00	0.00E+00	0.00E+00	6.08E-01
MN916V	1.11E-02	1.26E+00	-6.84E-03	1.27E+00	4.45E-08	0.00E+00	6.87E+02	8.39E-05	1.30E-03	1.43E-02	9.03E-04	2.98E+00	4.80E-08	6.89E-08	5.90E+00	2.16E-01	1.22E-03	6.54E-02	1.43E-02	1.79E-01	4.31E+01	9.92E-01	1.25E-07	6.87E-08	4.50E-03	5.59E-05	6.14E-01	2.32E-01	4.41E+01	1.86E-04	4.41E+01	4.49E+01	8.46E-01	0.00E+00	0.00E+00	0.00E+00	6.14E-01
MN920V	1.42E-02	1.20E+00	1.07E-03	1.20E+00	1.02E-07	0.00E+00	6.90E+02	1.82E-04	1.07E-03	1.20E-02	9.25E-04	6.19E+00	8.38E-08	1.32E-07	1.30E+01	5.01E-01	1.25E-03	6.70E-02	1.93E-02	1.90E-01	3.62E+01	9.92E-01	1.43E-07	8.87E-08	4.11E-03	6.17E-05	8.09E-01	2.34E-01	3.72E+01	2.41E-04	3.72E+01	3.82E+01	1.04E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-01
MN925V	1.60E-02	1.24E+00	2.68E-03	1.23E+00	1.20E-07	0.00E+00	6.91E+02	2.16E-04	1.38E-03	1.53E-02	9.37E-04	6.54E+00	8.41E-08	1.41E-07	1.38E+01	6.04E-01	1.27E-03	6.73E-02	2.02E-02	1.95E-01	3.56E+01	9.93E-01	1.45E-07	9.88E-08	5.00E-03	6.36E-05	8.49E-01	2.35E-01	3.66E+01	2.46E-04	3.66E+01	3.77E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-01
MN932V	1.50E-02	1.21E+00	3.01E-03	1.20E+00	1.20E-07	0.00E+00	6.91E+02	2.16E-04	1.10E-03	1.23E-02	9.52E-04	6.78E+00	8.39E-08	1.45E-07	1.43E+01	6.04E-01	1.29E-03	6.73E-02	2.05E-02	1.90E-01	3.53E+01	9.94E-01	1.46E-07	9.39E-08	4.23E-03	6.35E-05	8.56E-01	2.37E-01	3.63E+01	2.48E-04	3.63E+01	3.73E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-01
MN940V	1.33E-02	1.09E+00	2.05E-04	1.10E+00	1.38E-07	0.00E+00	6.86E+02	1.72E-04	1.02E-03	1.10E-02	9.67E-04	6.26E+00	6.00E-08	1.40E-07	1.30E+01	4.66E-01	1.31E-03	6.60E-02	1.94E-02	1.77E-01	3.62E+01	1.02E+00	1.37E-07	8.29E-08	3.87E-03	5.96E-05	7.20E-01	2.36E-01	3.73E+01	2.29E-04	3.73E+01	3.84E+01	9.59E-01	0.00E+00	0.00E+00	0.00E+00	8.44E-01
MR110	6.82E-03	9.36E-01	-9.91E-03	9.55E-01	1.78E-07	0.00E+00	7.41E+02	3.63E-05	9.14E-04	9.45E-03	8.87E-04	1.24E+00	2.05E-08	3.19E-08	2.30E+00	6.80E-02	1.20E-03	4.37E-02	8.56E-03	1.30E-01	3.56E+01	1.26E+00	1.36E-07	4.60E-08	2.48E-03	5.09E-05	2.28E-01	2.12E-01	3.63E+01	1.23E-04	3.63E+01	3.73E+01	4.42E-01	0.00E+00	0.00E+00	0.00E+00	3.63E-01
MR116	7.24E-03	1.00E+00	-9.56E-03	1.04E+00	1.78E-07	0.00E+00	7.42E+02	3.65E-05	8.95E-04	9.20E-03	9.04E-04	1.36E+00	9.76E-08	3.82E-08	2.55E+00	6.97E-02	1.22E-03	4.57E-02	9.16E-03	1.33E-01	3.57E+01	1.26E+00	1.36E-07	4.68E-08	2.49E-03	5.28E-05	2.43E-01	2.14E-01	3.65E+01	1.29E-04	3.65E+01	3.75E+01	4.48E-01	0.00E+00	0.00E+00	0.00E+00	3.91E-01
MR120	7.42E-03	1.02E+00	-9.51E-03	1.05E+00	1.80E-07	0.00E+00	7.41E+02	4.05E-05	8.96E-04	9.23E-03	9.06E-04	1.59E+00	1.88E-07	3.99E-08	3.44E+00	7.85E-02	1.22E-03	4.56E-02	9.30E-03	1.38E-01	3.53E+01	1.26E+00	1.38E-07	4.75E-08	2.53E-03	5.35E-05	2.53E-01	2.15E-01	3.61E+01	1.38E-04	3.61E+01	3.73E+01	4.83E-01	0.00E+00	0.00E+00	0.00E+00	3.97E-01
MR132	1.18E-02	1.19E+00	-3.76E-03	1.22E+00	3.13E-07	0.00E+00	7.26E+02	1.26E-04	9.03E-04	9.59E-03	1.01E-03	3.93E+00	1.96E-07	1.14E-07	7.65E+00	3.28E-01	1.36E-03	4.43E-02	1.97E-02	2.27E-01	3.63E+01	1.30E+00	1.75E-07	7.27E-08	3.37E-03	6.62E-05	4.97E-01	2.37E-01	3.78E+01	1.78E-04	3.78E+01	3.81E+01	7.27E-01	0.00E+00	0.00E+00	0.00E+00	9.02E-01
MR210	1.20E-02	2.00E+00	-1.55E-02	1.92E+00	9.22E-07	0.00E+00	1.12E+03	9.35E-05	1.18E-03	1.32E-02	1.65E-03	3.98E+00	3.09E-08	1.20E-07	7.90E+00	2.14E-01	2.19E-03	8.47E-02	1.76E-02	3.00E-01	6.41E+01	2.07E+00	2.68E-07	7.64E-08	4.28E-03	1.23E-04	5.30E-01	3.98E-01	6.72E+01	1.97E-04	6.72E+01	6.85E+01	8.12E-01	0.00E+00	0.00E+00	0.00E+00	7.81E-01
MR216	1.43E-02	2.00E+00	-1.38E-02	1.92E+00	9.23E-07	0.00E+00	1.12E+03	1.22E-04	1.16E-03	1.29E-02	1.66E-03	4.22E+00	1.47E-07	1.15E-07	8.32E+00	2.66E-01	2.21E-03	8.51E-02	2.06E-02	3.01E-01	6.40E+01	2.07E+00	2.69E-07	8.85E-08	4.77E-03	1.23E-04	5.60E-01	3.97E-01	6.72E+01	2.18E-04	6.72E+01	6.86E+01	8.03E-01	0.00E+00	0.00E+00	0.00E+00	8.92E-01
MR220	1.47E-02	2.01E+00	-1.36E-02	1.94E+00	9.31E-07	0.00E+00	1.12E+03	1.37E-04	1.16E-03	1.30E-02	1.71E-03	5.15E+00	2.95E-07	1.51E-07	1.13E+01	3.12E-01	2.27E-03	8.50E-02	2.16E-02	3.01E-01	6.39E+01	2.10E+00	2.69E-07	9.21E-08	4.97E-03	1.23E-04	7.23E-01	3.98E-01	6.71E+01	2.32E-04	6.71E+01	6.85E+01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	9.30E-01
MR232	2.08E-02	2.28E+00	-1.27E-02	2.23E+00	1.00E-06	0.00E+00	1.33E+03	1.69E-04	1.51E-03	1.63E-02	2.11E-03	6.21E+00	3.05E-07	2.05E-07	1.31E+01	3.91E-01	2.86E-03	8.61E-02	3.79E-02	4.10E-01	6.60E+01	2.51E+00	3.28E-07	1.38E-07	6.52E-03	1.39E-04	9.80E-01	4.75E-01	6.94E+01	3.59E-03	6.94E+01	7.06E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MR240	2.30E-02	2.28E+00	-1.20E-02	2.26E+00	9.91E-07	0.00E+00	1.34E+03	2.37E-04	1.52E-03	1.64E-02	2.12E-03	6.56E+00	3.24E-07	2.19E-07	1.46E+01	5.09E-01	2.86E-03	8.61E-02	4.01E-02	4.38E-01	6.61E+01	2.52E+00	3.99E-07	1.46E-07	6.63E-03	1.45E-04	1.01E+00	5.54E-01	6.94E+01	3.62E-03	6.94E+01	7.08E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MR263	2.83E-02	2.34E+00	-8.46E-04	2.41E+00	1.04E-06	0.00E+00	1.33E+03	2.39E-04	1.58E-03	1.68E-02	2.19E-03	1.09E+01	2.30E-08	2.55E-07	2.15E+01	5.63E-01	2.96E-03	8.49E-02	4.74E-02	4.72E-01	6.68E+01	2.50E+00	4.52E-07	1.82E-07	6.92E-03	1.77E-04	1.12E+00	5.59E-01	6.94E+01	3.61E-03	6.94E+01	7.03E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
MR310	1.83E-02	2.39E+00	-1.56E-02	2.39E+00	8.53E-07	0.00E+00	1.18E+03	1.47E-04	1.54E-03	1.71E-02	2.55E-03	6.11E+00	5.54E-08	1.72E-07	1.26E+01	3.37E-01	3.40E-03	1.29E-01	2.64E-02	3.92E-01	1.00E+02	2.71E+00	4.00E-07	1.17E-07	6.40E-03	1.67E-04	9.35E-01	5.07E-01	1.03E+02	3.43E-04	1.03E+02	1.05E+02	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MR316	1.94E-02	2.41E+00	-1.56E-02	2.41E+00	7.25E-07	0.00E+00	1.23E+03	1.59E-04	1.59E-03	1.74E-02	2.59E-03	6.92E+00	1.73E-07	1.78E-07	1.47E+01	3.44E-01	3.48E-03	1.29E-01	2.95E-02	4.21E-01	1.01E+02	2.69E+00	4.05E-07	1.23E-07	6.49E-03	1.69E-04	9.65E-01	5.22E-01	1.04E+02	3.71E-04	1.04E+02	1.06E+02	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
MR320	2.01E-02	2.44E+00	-1.46E-02	2.43E+00	6.71E-07	0.00E+00	1.17E+03	1.92E-04	1.66E-03	1.83E-02	2.57E-03	7.42E+00	3.69E-07	1.86E-07	1.60E+01	4.09E-01	3.42E-03	1.28E-01	2.84E-02	4.26E-01	1.01E+02	2.67E+00	4.07E-07	1.26E-07	6.76E-03	1.71E-04	1.00E+00	5.06E-01	1.04E+02	3.86E-04	1.04E+02	1.05E+02	1.38E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MR325	2.78E-02	2.57E+00	-1.76E-02	2.55E+00	5.75E-07	0.00E+00	1.60E+03	2.37E-04	2.05E-03	2.26E-02	2.95E-03	8.26E+00	4.25E-07	2.31E-07	1.82E+01	4.86E-01	3.99E-03	1.27E-01	3.79E-02	6.04E-01	9.15E+01	2.94E+00	4.16E-07	1.85E-07	9.28E-03	1.96E-04	1.21E+00	6.90E-01	9.48E+01	4.92E-03	9.48E+01	9.58E+01	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MR332	3.44E-02	2.51E+00	-7.74E-03	2.49E+00	5.12E-07	0.00E+00	1.00E+03	3.56E-04	1.83E-03	2.05E-02	3.00E-03	9.81E+00	4.24E-07	3.24E-07	2.09E+01	8.98E-01	4.05E-03	1.27E-01	5.60E-02	6.64E-01	9.33E+01	2.77E+00	5.05E-07	2.22E-07	9.44E-03	2.14E-04	1.38E+00	5.28E-01	9.65E+01	4.82E-03	9.65E+01	9.92E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
MR340	3.59E-02	2.51E+00	-7.68E-03	2.49E+00	5.07E-07	0.00E+00	1.00E+03	3.60E-04	1.84E-03	2.06E-02	3.00E-03	1.03E+01	4.26E-07	3.26E-07	2.17E+01	9.09E-01	4.05E-03	1.26E-01	6.05E-02	6.78E-01	9.31E+01	2.77E+00	6.06E-07	2.29E-07	9.35E-03	2.21E-04	1.39E+00	5.29E-01	9.64E+01	4.82E-03	9.64E+01	9.94E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+00
MS110	6.55E-03	9.31E-01	-1.01E-02	9.53E-01	2.57E-07	0.00E+00	7.40E+02	3.60E-05	9.15E-04	9.42E-03	8.86E-04	1.25E+00	1.48E-08	3.18E-08	2.29E+00	6.85E-02	1.20E-03	4.23E-02	8.35E-03	1.22E-01	3.51E+01	1.26E+00	1.46E-07	4.39E-08	2.49E-03	6.05E-05	2.28E-01	2.12E-01	3.61E+01	1.84E-04	3.61E+01	3.71E+01	4.39E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-01
MS120	7.14E-03	1.02E+00	-9.74E-03	1.06E+00	1.63E-07	0.00E+00	7.39E+02	4.02E-05	9.26E-04	9.51E-03	9.07E-04	1.57E+00	1.88E-07	3.98E-08	3.30E+00	7.70E-02	1.23E-03	5.10E-02	9.12E-03	1.30E-01	3.55E+01	1.26E+00	1.48E-07	4.55E-08	2.63E-03	6.35E-05	2.51E-01	2.15E-01	3.62E+01	2.23E-04	3.62E+01	3.77E+01	4.86E-01	0.00E+00	0.00E+00	0.00E+00	3.86E-01
MS232	2.12E-02	2.33E+00	-1.47E-02	2.28E+00	9.28E-07	0.00E+00	1.33E+03	1.70E-04	1.54E-03	1.65E-02	2.11E-03	7.06E+00	3.25E-07	2.13E-07	1.44E+01	3.91E-01	2.86E-03	8.62E-02	3.79E-02	4.12E-01	6.60E+01	2.50E+00	3.37E-07	1.39E-07	6.57E-03	1.48E-04	1.01E+00	5.59E-01	6.93E+01	3.60E-03	6.93E+01	7.09E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MS240	2.30E-02	2.28E+00	-1.20E-02	2.26E+00	9.91E-07	0.00E+00	1.34E+03	2.37E-04	1.52E-03	1.64E-02	2.12E-03	6.56E+00	3.24E-07	2.19E-07	1.46E+01	5.07E-01	2.86E-03	8.60E-02	4.01E-02	4.38E-01	6.61E+01	2.52E+00	3.99E-07	1.46E-07	6.63E-03	1.45E-04	1.01E+00	5.48E-01	6.94E+01	3.62E-03	6.94E+01	7.09E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MS263	2.83E-02	2.34E+00	-8.46E-04	2.41E+00	1.04E-06	0.00E+00	1.33E+03	2.39E-04	1.58E-03	1.68E-02	2.17E-03	1.09E+01	2.30E-08	2.55E-07	2.15E+01	5.63E-01	2.94E-03	8.49E-02	4.74E-02	4.72E-01	6.68E+01	2.50E+00	4.52E-07	1.82E-07	6.92E-03	1.77E-04	1.12E+00	5.59E-01	6.94E+01	3.61E-03	6.94E+01	7.03E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
MS310	2.08E-02	2.39E+00	-1.46E-02	2.39E+00	8.12E-07	0.00E+00	1.18E+03	1.53E-04	1.54E-03	1.72E-02	2.55E-03	6.80E+00	2.48E-07	1.73E-07	1.38E+01	3.73E-01	3.40E-03	1.28E-01	2.66E-02	4.00E-01	1.00E+02	2.72E+00	4.12E-07	1.45E-07	6.39E-03	1.68E-04	9.43E-01	5.06E-01	1.03E+02	4.85E-04	1.03E+02	1.05E+02	1.36E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MS316	2.19E-02	2.41E+00	-1.42E-02	2.41E+00	7.01E-07	0.00E+00	1.16E+03	1.63E-04	1.59E-03	1.75E-02	2.56E-03	7.46E+00	2.69E-07	1.80E-07	1.57E+01	3.59E-01	3.41E-03	1.28E-01	3.24E-02	4.36E-01	1.01E+02	2.69E+00	4.34E-07	1.49E-07	6.50E-03	1.69E-04	9.78E-01	5.09E-01	1.04E+02	5.14E-04	1.04E+02	1.06E+02	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
MS320	2.26E-02	2.44E+00	-1.50E-02	2.44E+00	6.35E-07	0.00E+00	1.23E+03	1.95E-04	1.67E-03	1.84E-02	2.60E-03	8.19E+00	3.72E-07	1.87E-07	1.71E+01	4.21E-01	3.49E-03	1.28E-01	3.10E-02	4.40E-01	1.00E+02	2.67E+00	4.35E-07	1.52E-07	6.80E-03	1.72E-04	1.02E+00	5.23E-01	1.03E+02	5.39E-04	1.03E+02	1.05E+02	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
MS332	3.44E-02	2.51E+00	-7.81E-03	2.49E+00	5.12E-07	0.00E+00	1.00E+03	3.56E-04	1.83E-03	2.05E-02	2.99E-03	9.81E+00	4.24E-07	3.24E-07	2.09E+01	8.98E-01	4.05E-03	1.27E-01	5.60E-02	6.64E-01	9.33E+01	2.77E+00	5.05E-07	2.22E-07	9.44E-03	2.14E-04	1.38E+00	5.29E-01	9.65E+01	4.82E-03	9.65E+01	9.92E+01	2.14E+00	0.00E+00	0.00E+00	0.00E+00	2.42E+00
MS340	3.59E-02	2.51E+00	-7.60E-03	2.49E+00	5.07E-07	0.00E+00	1.00E+03	3.60E-04	1.84E-03	2.06E-02	2.99E-03	1.03E+01	4.26E-07	3.26E-07	2.17E+01	9.09E-01	4.05E-03	1.26E-01	6.05E-02	6.78E-01	9.30E+01	2.77E+00	6.06E-07	2.29E-07	9.35E-03	2.21E-04	1.39E+00	5.28E-01	9.63E+01	4.82E-03	9.63E+01	9.94E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+00
MT106A	6.34E-03	9.96E-01	-1.59E-02	1.03E+00	4.80E-07	0.00E+00	1.35E+03	2.56E-05	7.77E-04	7.82E-03	9.96E-04	1.42E+00	1.40E-08	3.88E-08	3.09E+00	5.37E-02	1.40E-03	5.09E-02	9.26E-03	1.12E-01	3.83E+01	1.44E+00	1.24E-07	4.07E-08	2.21E-03	4.25E-05	1.63E-01	2.59E-01	3.97E+01	1.23E-04	3.97E+01	4.05E+01	3.78E-01	0.00E+00	0.00E+00	0.00E+00	3.97E-01
MT110A	4.65E-03	6.65E-01	-9.22E-03	6.75E-01	4.32E-07	0.00E+00	5.86E+02	2.35E-05	4.20E-04	4.49E-03	8.13E-04	1.11E+00	7.15E-09	2.89E-08	2.18E+00	4.97E-02	1.10E-03	3.73E-02	7.07E-03	6.02E-02	2.58E+01	8.24E-01	7.95E-08	2.99E-08	1.64E-03	1.93E-05	1.09E-01	2.01E-01	2.65E+01	5.79E-05	2.65E+01	2.69E+01	3.04E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-01
MT116A	4.65E-03	6.66E-01	-9.32E-03	6.77E-01	4.38E-07	0.00E+00	5.78E+02	2.35E-05	4.19E-04	4.48E-03	8.18E-04	1.13E+00	7.11E-09	3.14E-08	2.21E+00	5.00E-02	1.11E-03	3.65E-02	7.25E-03	6.08E-02	2.62E+01	8.21E-01	8.07E-08	2.97E-08	1.64E-03	2.15E-05	1.15E-01	1.97E-01	2.71E+01	5.86E-05	2.71E+01	2.74E+01	3.10E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-01
MT120A	4.83E-03	6.91E-01	-9.16E-03	6.97E-01	4.29E-07	0.00E+00	5.84E+02	2.38E-05	4.22E-04	4.54E-03	8.20E-04	1.15E+00	7.50E-09	3.06E-08	2.23E+00	4.98E-02	1.11E-03	3.73E-02	7.39E-03	6.58E-02	2.76E+01	8.19E-01	9.07E-08	3.11E-08	1.65E-03	3.03E-05	1.19E-01	1.98E-01	2.81E+01	6.57E-05	2.81E+01	2.88E+01	3.13E-01	0.00E+00	0.00E+00	0.00E+00	3.16E-01
MT125A	7.86E-03	8.68E-01	-8.97E-03	8.89E-01	2.02E-07	0.00E+00	6.97E+02	3.13E-05	5.51E-04	5.93E-03	9.62E-04	1.83E+00	7.86E-09	4.96E-08	3.85E+00	6.37E-02	1.30E-03	4.97E-02	1.11E-02	1.21E-01	3.71E+01	9.45E-01	1.33E-07	4.87E-08	2.34E-03	4.38E-05	1.75E-01	2.15E-01	3.81E+01	1.35E-04	3.81E+01	3.87E+01	4.30E-01	0.00E+00	0.00E+00	0.00E+00	4.78E-01
MT132A	1.19E-02	1.29E+00	-4.42E-03	1.30E+00	2.74E-07	0.00E+00	7.01E+02	1.22E-04	9.59E-04	1.03E-02	1.05E-03	3.51E+00	1.95E-07	1.14E-07	7.19E+00	2.96E-01	1.42E-03	4.47E-02	1.96E-02	2.30E-01	3.66E+01	1.30E+00	1.77E-07	7.40E-08	3.74E-03	6.57E-05	5.04E-01	2.44E-01	3.81E+01	1.73E-04	3.81E+01	3.83E+01	7.42E-01	0.00E+00	0.00E+00	0.00E+00	9.03E-01
MT140A	1.23E-02	1.29E+00	-4.41E-03	1.29E+00	2.74E-07	0.00E+00	6.96E+02	1.26E-04	9.78E-04	1.05E-02	1.06E-03	3.51E+00	1.96E-07	1.14E-07	7.15E+00	3.04E-01	1.43E-03	4.49E-02	1.99E-02	2.30E-01	3.69E+01	1.30E+00	1.77E-07	7.72E-08	3.77E-03	6.59E-05	5.17E-01	2.47E-01	3.84E+01	1.79E-04	3.84E+01	3.86E+01	7.52E-01	0.00E+00	0.00E+00	0.00E+00	9.10E-01
MT150A	1.25E-02	1.06E+00	5.08E-03	1.05E+00	4.48E-07	0.00E+00	4.00E+02	1.69E-04	7.88E-04	8.55E-03	1.10E-03	5.45E+00	1.41E-08	1.27E-07	1.16E+01	5.00E-01	1.49E-03	5.05E-02	1.79E-02	2.05E-01	3.32E+01	7.47E-01	1.93E-07	8.19E-08	3.37E-03	7.63E-05	5.42E-01	2.38E-01	3.46E+01	2.98E-03	3.46E+01	3.53E+01	8.03E-01	0.00E+00	0.00E+00	0.00E+00	7.74E-01
MT163A	1.50E-02	1.29E+00	-3.01E-04	1.29E+00	6.79E-07	0.00E+00	7.04E+02	1.41E-04	1.03E-03	1.11E-02	1.12E-03	6.36E+00	1.20E-08	1.46E-07	1.26E+01	3.74E-01	1.51E-03	4.43E-02	2.49E-02	2.31E-01	3.56E+01	1.30E+00	2.14E-07	9.59E-08	4.10E-03	7.68E-05	5.77E-01	2.49E-01	3.73E+01	3.31E-04	3.73E+01	3.79E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MT206A	1.22E-02	1.65E+00	-2.41E-02	1.70E+00	8.34E-07	0.00E+00	1.64E+03	5.17E-05	1.21E-03	1.26E-02	1.83E-03	2.19E+00	1.80E-08	6.17E-08	4.47E+00	1.05E-01	2.49E-03	9.28E-02	1.57E-02	2.45E-01	7.03E+01	2.29E+00	2.49E-07	7.27E-08	4.18E-03	1.04E-04	2.71E-01	6.17E-01	7.22E+01	2.38E-04	7.22E+01	7.29E+01	6.52E-01	0.00E+00	0.00E+00	0.00E+00	6.75E-01
MT210A	1.31E-02	1.76E+00	-2.38E-02	1.79E+00	7.86E-07	0.00E+00	1.65E+03	5.75E-05	1.23E-03	1.27E-02	1.84E-03	2.39E+00	1.85E-08	7.37E-08	5.18E+00	1.12E-01	2.50E-03	9.38E-02	1.82E-02	2.47E-01	7.06E+01	2.31E+00	2.49E-07	7.77E-08	4.17E-03	1.06E-04	3.09E-01	6.19E-01	7.24E+01	2.44E-04	7.24E+01	7.35E+01	6.87E-01	0.00E+00	0.00E+00	0.00E+00	7.98E-01
MT216A	1.34E-02	1.76E+00	-2.20E-02	1.79E+00	7.88E-07	0.00E+00	1.63E+03	5.77E-05	1.24E-03	1.28E-02	1.85E-03	2.67E+00	1.75E-08	8.04E-08	5.79E+00	1.10E-01	2.50E-03	9.38E-02	1.86E-02	2.48E-01	7.06E+01	2.31E+00	2.52E-07	8.36E-08	4.22E-03	1.06E-04	3.23E-01	5.36E-01	7.24E+01	2.24E-04	7.24E+01	7.35E+01	7.02E-01	0.00E+00	0.00E+00	0.00E+00	8.06E-01
MT220A	1.39E-02	1.76E+00	-1.88E-02	1.79E+00	8.32E-07	0.00E+00	1.64E+03	5.89E-05	1.19E-03	1.25E-02	1.88E-03	3.27E+00	1.64E-08	8.67E-08	7.84E+00	1.10E-01	2.54E-03	9.59E-02	2.11E-02	2.62E-01	7.22E+01	2.25E+00	2.55E-07	9.16E-08	4.37E-03	1.07E-04	3.33E-01	5.34E-01	7.40E+01	2.55E-04	7.40E+01	7.49E+01	8.04E-01	0.00E+00	0.00E+00	0.00E+00	9.06E-01
MT225A	1.94E-02	2.15E+00	-1.12E-02	2.05E+00	1.06E-06	0.00E+00	1.08E+03	1.53E-04	1.35E-03	1.49E-02	1.87E-03	5.51E+00	2.79E-07	1.88E-07	1.18E+01	3.56E-01	2.46E-03	8.44E-02	2.69E-02	3.89E-01	6.39E+01	2.20E+00	2.84E-07	1.25E-07	6.08E-03	1.28E-04	8.61E-01	4.24E-01	6.72E+01	2.95E-04	6.72E+01	6.93E+01	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00

MT232A	1.85E-02	1.89E+00	-1.28E-02	1.94E+00	3.52E-07	0.00E+00	9.68E+02	2.77E-04	1.41E-03	1.47E-02	2.11E-03	7.90E+00	3.72E-07	1.96E-07	1.60E+01	6.47E-01	2.86E-03	9.87E-02	2.62E-02	3.42E-01	6.30E+01	2.08E+00	3.08E-07	1.17E-07	5.16E-03	1.35E-04	7.67E-01	5.90E-01	6.51E+01	3.95E-03	6.51E+01	6.61E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MT240A	2.31E-02	2.28E+00	-1.16E-02	2.26E+00	1.21E-06	0.00E+00	1.48E+03	2.27E-04	1.52E-03	1.64E-02	2.10E-03	6.45E+00	3.06E-07	2.14E-07	1.44E+01	5.09E-01	2.83E-03	8.47E-02	4.01E-02	4.48E-01	6.65E+01	2.66E+00	3.97E-07	1.47E-07	6.63E-03	1.45E-04	9.41E-01	4.75E-01	6.97E+01	3.56E-04	6.97E+01	7.13E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MT250A	2.34E-02	1.88E+00	7.12E-03	1.86E+00	4.26E-07	0.00E+00	9.43E+02	2.94E-04	1.44E-03	1.56E-02	2.21E-03	1.10E+01	1.66E-08	2.66E-07	2.30E+01	8.46E-01	2.98E-03	9.82E-02	3.41E-02	3.96E-01	6.21E+01	1.83E+00	3.25E-07	1.59E-07	5.85E-03	1.63E-04	1.02E+00	5.64E-01	6.44E+01	4.37E-03	6.44E+01	6.61E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MT263A	2.86E-02	2.34E+00	-1.25E-03	2.41E+00	1.24E-06	0.00E+00	1.48E+03	2.27E-04	1.58E-03	1.69E-02	2.21E-03	1.08E+01	1.95E-08	2.54E-07	2.14E+01	5.67E-01	2.97E-03	8.34E-02	4.76E-02	4.85E-01	6.72E+01	2.67E+00	4.50E-07	1.83E-07	6.94E-03	1.78E-04	1.07E+00	5.60E-01	6.98E+01	5.98E-04	6.98E+01	7.08E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+00
MT306A	1.98E-02	2.99E+00	-3.83E-02	3.05E+00	3.80E-07	0.00E+00	2.06E+03	7.57E-05	1.85E-03	1.96E-02	2.68E-03	2.72E+00	2.42E-08	1.11E-07	6.01E+00	1.56E-01	3.64E-03	1.43E-01	2.70E-02	3.59E-01	1.06E+02	3.16E+00	4.11E-07	1.27E-07	6.71E-03	1.59E-04	4.49E-01	8.24E-01	1.09E+02	3.96E-04	1.09E+02	1.10E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MT310A	1.80E-02	3.09E+00	-3.28E-02	3.13E+00	3.76E-07	0.00E+00	2.08E+03	7.72E-05	1.83E-03	1.92E-02	2.72E-03	3.40E+00	2.40E-08	9.92E-08	7.37E+00	1.57E-01	3.67E-03	1.43E-01	2.61E-02	3.69E-01	1.07E+02	3.15E+00	3.77E-07	1.15E-07	6.21E-03	1.61E-04	4.55E-01	7.09E-01	1.10E+02	3.64E-04	1.10E+02	1.11E+02	1.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MT316A	2.02E-02	3.11E+00	-3.25E-02	3.14E+00	3.80E-07	0.00E+00	2.09E+03	7.89E-05	1.86E-03	1.96E-02	2.81E-03	4.39E+00	2.45E-08	1.17E-07	8.94E+00	1.57E-01	3.80E-03	1.43E-01	2.78E-02	3.75E-01	1.08E+02	3.16E+00	3.82E-07	1.29E-07	6.60E-03	1.62E-04	4.56E-01	7.13E-01	1.10E+02	3.87E-04	1.10E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MT320A	2.09E-02	3.13E+00	-3.17E-02	3.16E+00	3.55E-07	0.00E+00	2.09E+03	7.92E-05	1.90E-03	2.01E-02	2.82E-03	4.46E+00	2.42E-08	1.17E-07	9.37E+00	1.56E-01	3.81E-03	1.43E-01	2.82E-02	3.94E-01	1.08E+02	3.17E+00	3.84E-07	1.31E-07	6.79E-03	1.62E-04	4.66E-01	7.09E-01	1.11E+02	3.68E-04	1.11E+02	1.12E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MT325A	2.16E-02	2.51E+00	-2.19E-02	2.55E+00	2.73E-07	0.00E+00	1.33E+03	6.78E-05	1.47E-03	1.64E-02	2.87E-03	5.38E+00	2.14E-08	1.30E-07	1.14E+01	1.48E-01	3.89E-03	1.43E-01	2.98E-02	3.92E-01	1.08E+02	2.61E+00	3.80E-07	1.37E-07	6.63E-03	1.63E-04	4.55E-01	4.87E-01	1.11E+02	4.07E-04	1.11E+02	1.12E+02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
MT332A	2.96E-02	3.18E+00	-1.09E-02	3.19E+00	1.13E-06	0.00E+00	1.08E+03	4.21E-04	2.00E-03	2.17E-02	3.17E-03	1.09E+01	5.02E-07	3.20E-07	2.31E+01	1.11E+00	4.29E-03	1.47E-01	4.16E-02	5.64E-01	9.27E+01	2.73E+00	4.97E-07	1.94E-07	8.31E-03	2.37E-04	1.18E+00	7.76E-01	9.50E+01	6.80E-03	9.50E+01	9.77E+01	2.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
MT340A	3.62E-02	3.76E+00	-1.27E-02	3.80E+00	4.59E-07	0.00E+00	2.11E+03	3.63E-04	2.66E-03	2.79E-02	3.11E-03	1.03E+01	4.52E-07	3.30E-07	2.14E+01	8.85E-01	4.21E-03	1.27E-01	6.31E-02	7.07E-01	1.07E+02	4.01E+00	6.27E-07	2.30E-07	1.05E-02	2.22E-04	1.43E+00	7.60E-01	1.12E+02	5.17E-04	1.12E+02	1.14E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+00
MT350A	3.82E-02	3.50E+00	9.22E-03	3.51E+00	1.30E-06	0.00E+00	1.07E+03	4.40E-04	2.22E-03	2.43E-02	3.30E-03	1.81E+01	2.57E-08	4.08E-07	3.84E+01	1.25E+00	4.47E-03	1.39E-01	5.21E-02	6.36E-01	9.13E+01	2.72E+00	5.70E-07	2.55E-07	9.98E-03	2.48E-04	1.56E+00	7.82E-01	9.38E+01	6.80E-03	9.38E+01	9.60E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MT363A	4.49E-02	3.82E+00	5.54E-04	3.92E+00	5.75E-07	0.00E+00	2.21E+03	3.33E-04	2.77E-03	2.95E-02	3.30E-03	1.75E+01	3.16E-08	4.34E-07	3.52E+01	8.99E-01	4.47E-03	1.27E-01	7.03E-02	7.40E-01	1.07E+02	4.01E+00	6.71E-07	2.86E-07	1.17E-02	2.76E-04	1.73E+00	7.71E-01	1.11E+02	9.78E-04	1.11E+02	1.14E+02	2.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00
MTN106	5.65E-03	7.93E-01	-9.06E-03	8.02E-01	9.10E-07	0.00E+00	6.60E+02	2.50E-05	4.81E-04	5.17E-03	8.57E-04	1.08E+00	6.87E-09	3.11E-08	2.33E+00	5.29E-02	1.16E-03	4.43E-02	8.34E-03	1.15E-01	3.37E+01	9.18E-01	1.21E-07	3.61E-08	1.91E-03	4.47E-05	1.79E-01	2.03E-01	3.46E+01	9.65E-05	3.46E+01	3.50E+01	3.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-01
MTN110	5.25E-03	7.56E-01	-1.15E-02	7.67E-01	9.10E-07	0.00E+00	6.55E+02	2.49E-05	5.66E-04	6.11E-03	8.13E-04	1.02E+00	6.92E-09	2.86E-08	2.00E+00	5.36E-02	1.10E-03	3.44E-02	6.66E-03	8.54E-02	2.57E+01	9.33E-01	9.42E-08	3.29E-08	2.05E-03	2.48E-05	1.56E-01	2.19E-01	2.67E+01	5.64E-05	2.67E+01	2.70E+01	3.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-01
MTN116	4.50E-03	6.38E-01	-9.36E-03	6.53E-01	9.04E-07	0.00E+00	5.89E+02	2.39E-05	4.07E-04	4.39E-03	8.10E-04	1.10E+00	6.18E-09	3.00E-08	2.22E+00	5.11E-02	1.10E-03	3.37E-02	6.99E-03	5.77E-02	2.47E+01	8.42E-01	7.97E-08	2.87E-08	1.63E-03	1.94E-05	1.11E-01	1.96E-01	2.56E+01	5.76E-05	2.56E+01	2.56E+01	3.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-01
MTN120	5.21E-03	7.46E-01	-1.14E-02	7.57E-01	9.10E-07	0.00E+00	6.49E+02	2.45E-05	5.56E-04	6.00E-03	8.14E-04	1.09E+00	6.66E-09	2.91E-08	2.15E+00	5.28E-02	1.10E-03	3.44E-02	6.68E-03	8.01E-02	2.56E+01	9.22E-01	9.48E-08	3.25E-08	2.03E-03	2.50E-05	1.45E-01	2.19E-01	2.65E+01	5.72E-05	2.65E+01	2.69E+01	3.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MTN125	6.74E-03	8.28E-01	-8.29E-03	8.33E-01	9.10E-07	0.00E+00	6.60E+02	2.57E-05	5.12E-04	5.56E-03	9.26E-04	1.84E+00	7.47E-09	4.45E-08	3.86E+00	5.53E-02	1.25E-03	4.44E-02	9.77E-03	1.25E-01	3.44E+01	9.21E-01	1.25E-07	4.31E-08	2.08E-03	4.70E-05	1.73E-01	2.09E-01	3.51E+01	1.33E-04	3.51E+01	3.54E+01	3.85E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-01
MTN132	9.55E-03	9.21E-01	-3.13E-03	9.09E-01	9.93E-07	0.00E+00	3.97E+02	1.46E-04	6.43E-04	7.06E-03	1.04E-03	3.51E+00	1.60E-07	9.58E-08	7.51E+00	3.75E-01	1.41E-03	4.80E-02	1.33E-02	1.67E-01	3.04E+01	7.54E-01	1.46E-07	6.08E-08	2.94E-03	5.74E-05	3.57E-01	2.29E-01	3.12E+01	1.97E-03	3.12E+01	3.17E+01	5.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-01
MTN140	1.03E-02	8.29E-01	-2.59E-03	8.31E-01	9.93E-07	0.00E+00	3.92E+02	1.45E-04	5.89E-04	6.38E-03	1.05E-03	3.42E+00	1.51E-07	1.16E-07	7.34E+00	3.78E-01	1.42E-03	4.79E-02	-1.64E+00	1.29E-01	3.03E+01	7.82E-01	1.50E-07	5.95E-08	2.56E-03	5.62E-05	3.01E-01	2.23E-01	3.11E+01	1.98E-03	3.11E+01	3.16E+01	5.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.03E+01
MTN150	1.26E-02	1.01E+00	3.40E-03	9.98E-01	9.80E-07	0.00E+00	3.78E+02	1.50E-04	7.75E-04	8.24E-03	1.10E-03	5.78E+00	1.39E-08	1.32E-07	1.16E+01	4.45E-01	1.49E-03	4.85E-02	1.78E-02	2.00E-01	3.13E+01	7.54E-01	1.90E-07	8.26E-08	3.27E-03	7.52E-05	5.14E-01	2.39E-01	3.17E+01	2.21E-03	3.17E+01	3.21E+01	7.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-01
MTN163	1.28E-02	1.01E+00	3.71E-03	9.98E-01	9.80E-07	0.00E+00	3.78E+02	1.55E-04	7.74E-04	8.24E-03	1.11E-03	6.36E+00	1.38E-08	1.42E-07	1.29E+01	4.51E-01	1.50E-03	4.84E-02	1.80E-02	2.05E-01	3.11E+01	7.53E-01	1.91E-07	8.49E-08	3.26E-03	7.52E-05	5.42E-01	2.39E-01	3.15E+01	2.22E-03	3.15E+01	3.21E+01	7.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-01
MU102A	9.80E-03	1.22E+00	-8.67E-03	1.22E+00	1.67E-07	0.00E+00	7.19E+02	4.84E-05	1.07E-03	1.12E-02	1.06E-03	2.07E+00	2.56E-08	8.40E-08	4.42E+00	1.07E-01	1.43E-03	4.57E-02	1.20E-02	2.06E-01	3.85E+01	1.31E+00	1.47E-07	6.30E-08	3.83E-03	6.02E-05	4.53E-01	2.43E-01	3.96E+01	1.50E-04	3.96E+01	4.00E+01	6.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MU104A	9.76E-03	1.22E+00	-8.86E-03	1.22E+00	1.70E-07	0.00E+00	7.39E+02	4.81E-05	1.07E-03	1.12E-02	1.05E-03	2.09E+00	2.55E-08	8.29E-08	4.48E+00	1.07E-01	1.43E-03	4.56E-02	1.20E-02	2.23E-01	3.87E+01	1.30E+00	1.47E-07	6.31E-08	3.83E-03	6.61E-05	4.59E-01	2.45E-01	3.96E+01	1.50E-04	3.96E+01	4.01E+01	7.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MU106A	6.33E-03	9.83E-01	-1.59E-02	1.02E+00	4.80E-07	0.00E+00	1.35E+03	2.56E-05	7.69E-04	7.77E-03	9.96E-04	1.34E+00	1.40E-08	3.84E-08	2.97E+00	5.33E-02	1.40E-03	5.08E-02	9.25E-03	1.10E-01	3.83E+01	1.44E+00	1.24E-07	4.04E-08	2.19E-03	4.22E-05	1.63E-01	2.59E-01	3.98E+01	1.20E-04	3.98E+01	4.03E+01	3.70E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-01
MU110A	6.46E-03	9.97E-01	-1.57E-02	1.03E+00	4.32E-07	0.00E+00	1.34E+03	2.57E-05	7.80E-04	7.83E-03	9.97E-04	1.42E+00	1.40E-08	3.67E-08	2.96E+00	5.35E-02	1.41E-03	5.06E-02	9.01E-03	1.14E-01	3.81E+01	1.45E+00	1.25E-07	4.14E-08	2.21E-03	4.27E-05	1.52E-01	2.60E-01	3.95E+01	1.20E-04	3.95E+01	4.02E+01	3.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-01
MU116A	6.60E-03	1.00E+00	-1.63E-02	1.04E+00	4.59E-07	0.00E+00	1.35E+03	2.62E-05	7.96E-04	8.15E-03	1.01E-03	1.43E+00	1.55E-08	4.02E-08	3.07E+00	5.38E-02	1.43E-03	5.06E-02	9.58E-03	1.20E-01	3.82E+01	1.45E+00	1.25E-07	4.26E-08	2.35E-03	4.29E-05	1.57E-01	4.04E-01	3.97E+01	1.24E-04	3.97E+01	4.03E+01	3.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-01
MU120A	6.83E-03	9.79E-01	-1.46E-02	1.00E+00	4.36E-07	0.00E+00	1.10E+03	5.45E-05	6.78E-04	7.03E-03	1.02E-03	1.66E+00	9.69E-08	5.33E-08	3.89E+00	1.05E-01	1.44E-03	5.06E-02	1.04E-02	1.34E-01	3.84E+01	1.02E+00	1.25E-07	4.45E-08	2.52E-03	4.40E-05	1.84E-01	2.65E-01	3.98E+01	1.35E-04	3.98E+01	4.06E+01	4.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-01
MU125A	9.74E-03	1.19E+00	-8.97E-03	1.18E+00	1.99E-07	0.00E+00	7.26E+02	5.88E-05	9.63E-04	1.02E-02	1.03E-03	2.25E+00	1.92E-07	8.28E-08	4.61E+00	1.35E-01	1.39E-03	4.47E-02	1.22E-02	2.05E-01	3.63E+01	1.30E+00	1.50E-07	6.27E-08	3.41E-03	5.90E-05	4.55E-01	2.44E-01	3.74E+01	1.54E-04	3.74E+01	3.85E+01	6.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MU132A	1.19E-02	1.29E+00	-4.51E-03	1.29E+00	2.75E-07	0.00E+00	6.99E+02	1.21E-04	9.60E-04	1.03E-02	1.05E-03	3.52E+00	1.95E-07	1.14E-07	7.19E+00	2.96E-01	1.43E-03	4.48E-02	1.97E-02	2.30E-01	3.71E+01	1.30E+00	1.77E-07	7.40E-08	3.74E-03	6.60E-05	5.19E-01	2.46E-01	3.84E+01	1.71E-04	3.84E+01	3.88E+01	7.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-01
MU140A	1.23E-02	1.29E+00	-4.42E-03	1.29E+00	2.75E-07	0.00E+00	6.94E+02	1.26E-04	9.78E-04	1.05E-02	1.06E-03	3.52E+00	1.95E-07	1.14E-07	7.15E+00	3.03E-01	1.43E-03	4.49E-02	1.99E-02	2.29E-01	3.70E+01	1.30E+00	1.77E-07	7.71E-08	3.78E-03	6.58E-05	5.20E-01	2.47E-01	3.83E+01	1.78E-04	3.83E+01	3.88E+01	7.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-01
MU150A	1.36E-02	1.17E+00	6.65E-05	1.18E+00	6.58E-07	0.00E+00	7.03E+02	1.39E-04	9.40E-04	1.00E-02	1.09E-03	5.32E+00	1.47E-08	1.23E-07	1.07E+01	3.54E-01	1.48E-03	4.43E-02	2.44E-02	2.25E-01	3.49E+01	1.30E+00	2.09E-07	8.86E-08	3.48E-03	7.63E-05	5.52E-01	2.44E-01	3.68E+01	2.81E-04	3.68E+01	3.73E+01	7.97E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MU163A	1.50E-02	1.29E+00	-2.85E-04	1.29E+00	6.79E-07	0.00E+00	7.04E+02	1.40E-04	1.03E-03	1.11E-02	1.12E-03	6.36E+00	1.20E-08	1.46E-07	1.26E+01	3.74E-01	1.51E-03	4.43E-02	2.49E-02	2.31E-01	3.56E+01	1.30E+00	2.14E-07	9.59E-08	4.10E-03	7.68E-05	5.77E-01	2.49E-01	3.73E+01	3.30E-04	3.73E+01	3.79E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MU202A	1.86E-02	2.20E+00	-1.81E-02	2.17E+00	1.06E-06	0.00E+00	1.51E+03	6.41E-05	1.52E-03	1.62E-02	2.13E-03	2.26E+00	2.52E-08	8.68E-08	4.72E+00	1.34E-01	2.87E-03	8.40E-02	3.24E-02	3.97E-01	6.56E+01	2.60E+00	3.23E-07	1.25E-07	6.20E-03	1.33E-04	6.73E-01	5.52E-01	6.90E+01	2.72E-04	6.90E+01	6.96E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MU206A	1.85E-02	2.03E+00	-1.38E-02	1.93E+00	1.05E-06	0.00E+00	1.10E+03	5.67E-05	1.33E-03	1.46E-02	1.82E-03	2.22E+00	1.85E-08	7.20E-08	4.49E+00	1.17E-01	2.41E-03	8.40E-02	2.02E-02	3.40E-01	6.44E+01	2.13E+00	2.81E-07	1.33E-07	5.59E-03	1.46E-04	6.01E-01	4.22E-01	6.71E+01	3.70E-04	6.71E+01	6.86E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-01
MU210A	1.23E-02	1.61E+00	-1.70E-02	1.62E+00	1.12E-06	0.00E+00	1.19E+03	5.18E-05	1.01E-03	1.11E-02	1.76E-03	2.40E+00	1.43E-08	6.44E-08	5.16E+00	1.13E-01	2.32E-03	9.33E-02	1.71E-02	2.44E-01	6.98E+01	1.81E+00	2.49E-07	7.28E-08	4.06E-03	1.07E-04	2.96E-01	3.83E-01	7.19E+01	2.13E-04	7.19E+01	7.31E+01	6.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-01
MU216A	1.30E-02	1.67E+00	-1.68E-02	1.67E+00	1.13E-06	0.00E+00	1.19E+03	5.12E-05	1.03E-03	1.12E-02	1.76E-03	2.63E+00	1.44E-08	7.13E-08	5.71E+00	1.13E-01	2.33E-03	9.33E-02	1.82E-02	2.43E-01	6.99E+01	1.81E+00	2.52E-07	8.20E-08	4.15E-03	1.07E-04	2.99E-01	3.84E-01	7.20E+01	2.17E-04	7.20E+01	7.31E+01	6.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-01
MU220A	1.33E-02	1.75E+00	-2.15E-02	1.79E+00	1.09E-06	0.00E+00	1.57E+03	6.11E-05	1.25E-03	1.29E-02	1.85E-03	3.20E+00	1.85E-08	8.46E-08	7.87E+00	1.16E-01	2.50E-03	9.56E-02	1.94E-02	2.62E-01	7.20E+01	2.29E+00	2.55E-07	8.65E-08	4.26E-03	1.07E-04	3.30E-01	6.12E-01	7.42E+01	2.29E-04	7.42E+01	7.49E+01	7.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-01
MU225A	1.93E-02	2.19E+00	-1.79E-02	2.14E+00	1.06E-06	0.00E+00	1.49E+03	1.62E-04	1.51E-03	1.62E-02	2.07E-03	5.65E+00	2.87E-07	1.93E-07	1.17E+01	3.49E-01	2.79E-03	8.58E-02	2.84E-02	3.95E-01	6.45E+01	2.64E+00	3.10E-07	1.25E-07	6.19E-03	1.27E-04	8.82E-01	5.51E-01	6.83E+01	2.90E-04	6.83E+01	6.93E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MU232A	1.80E-02	1.88E+00	-1.22E-02	1.92E+00	1.21E-06	0.00E+00	9.52E+02	2.72E-04	1.36E-03	1.43E-02	2.10E-03	7.77E+00	3.72E-07	1.91E-07	1.57E+01	6.24E-01	2.85E-03	9.92E-02	2.60E-02	3.40E-01	6.21E+01	2.15E+00	3.08E-07	1.16E-07	4.96E-03	1.33E-04	7.52E-01	5.56E-01	6.41E+01	3.97E-03	6.41E+01	6.50E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MU240A	1.93E-02	1.73E+00	-1.08E-02	1.73E+00	1.24E-06	0.00E+00	9.36E+02	2.92E-04	1.28E-03	1.36E-02	2.09E-03	7.04E+00	3.64E-07	1.91E-07	1.52E+01	7.53E-01	2.82E-03	9.92E-02	2.69E-02	3.47E-01	6.19E+01	1.92E+00	3.48E-07	1.22E-07	4.97E-03	1.29E-04	7.45E-01	5.43E-01	6.34E+01	3.93E-03	6.34E+01	6.48E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MU250A	2.58E-02	2.30E+00	-5.68E-03	2.38E+00	1.29E-06	0.00E+00	1.48E+03	2.08E-04	1.57E-03	1.68E-02	2.16E-03	9.28E+00	2.01E-08	2.37E-07	1.89E+01	5.19E-01	2.91E-03	8.45E-02	3.25E-02	4.78E-01	6.72E+01	2.65E+00	3.48E-07	1.72E-07	6.78E-03	1.74E-04	1.03E+00	5.59E-01	7.00E+01	5.21E-04	7.00E+01	7.08E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MU263A	2.88E-02	2.34E+00	-1.55E-03	2.42E+00	1.11E-06	0.00E+00	1.47E+03	2.27E-04	1.59E-03	1.70E-02	2.18E-03	1.08E+01	2.39E-08	2.54E-07	2.15E+01	5.65E-01	2.94E-03	8.45E-02	4.76E-02	4.87E-01	6.74E+01	2.65E+00	4.54E-07	1.84E-07	6.93E-03	1.79E-04	1.09E+00	5.59E-01	6.98E+01	6.14E-04	6.98E+01	7.08E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+00
MU302A	2.68E-02	3.24E+00	-2.26E-02	3.25E+00	7.05E-07	0.00E+00	2.11E+03	1.32E-04	2.33E-03	2.47E-02	3.16E-03	4.16E+00	3.07E-08	1.72E-07	8.56E+00	2.74E-01	4.27E-03	1.27E-01	4.28E-02	6.32E-01	1.01E+02	3.97E+00	4.32E-07	1.80E-07	9.09E-03	2.19E-04	1.07E+00	7.62E-01	1.04E+02	4.51E-04	1.04E+02	1.08E+02	2.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00
MU306A	1.81E-02	3.00E+00	-3.82E-02	3.06E+00	1.78E-06	0.00E+00	2.06E+03	7.51E-05	1.78E-03	1.87E-02	2.68E-03	2.71E+00	2.42E-08	1.11E-07	6.01E+00	1.56E-01	3.64E-03	1.43E-01	2.68E-02	3.59E-01	1.06E+02	3.13E+00	4.09E-07	1.15E-07	6.39E-03	1.58E-04	4.51E-01	8.24E-01	1.09E+02	3.87E-04	1.09E+02	1.10E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MU310A	1.98E-02	3.11E+00	-3.81E-02	3.14E+00	3.82E-07	0.00E+00	2.08E+03	7.73E-05	1.85E-03	1.96E-02	2.71E-03	3.57E+00	2.43E-08	1.12E-07	7.56E+00	1.57E-01	3.67E-03	1.43E-01	2.72E-02	3.69E-01	1.07E+02	3.17E+00	4.18E-07	1.27E-07	6.67E-03	1.62E-04	4.67E-01	8.24E-01	1.10E+02	3.78E-04	1.10E+02	1.11E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MU316A	2.05E-02	3.09E+00	-3.23E-02	3.12E+00	1.97E-06	0.00E+00	2.08E+03	7.90E-05	1.81E-03	1.90E-02	2.80E-03	4.42E+00	2.46E-08	1.17E-07	8.96E+00	1.58E-01	3.79E-03	1.43E-01	2.77E-02	3.76E-01	1.08E+02	3.16E+00	3.82E-07	1.30E-07	6.61E-03	1.64E-04	4.77E-01	7.13E-01	1.11E+02	3.70E-04	1.11E+02	1.12E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MU320A	2.04E-02	3.13E+00	-3.06E-02	3.16E+00	1.61E-06	0.00E+00	2.09E+03	7.91E-05	1.87E-03	1.98E-02	2.81E-03	4.48E+00	2.42E-08	1.17E-07	9.40E+00	1.56E-01	3.80E-03	1.43E-01	2.82E-02	3.76E-01	1.07E+02	3.19E+00	3.84E-07	1.29E-07	6.55E-03	1.63E-04	4.59E-01	6.63E-01	1.10E+02	3.69E-04	1.10E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MU325A	2.79E-02	3.38E+00	-1.91E-02	3.41E+00	6.24E-07	0.00E+00	2.11E+03	2.24E-04	2.60E-03	2.73E-02	3.09E-03	8.26E+00	4.26E-07	2.30E-07	1.71E+01	4.70E-01	4.18E-03	1.27E-01	3.97E-02	6.08E-01	1.01E+02	3.94E+00	4.45E-07	1.88E-07	9.70E-03	2.11E-04	1.28E+00	7.55E-01	1.05E+02	4.58E-04	1.05E+02	1.09E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MU332A	2.86E-02	3.16E+00	-1.09E-02	3.17E+00	2.16E-06	0.00E+00	1.08E+03	4.21E-04	1.94E-03	2.08E-02	3.15E-03	1.03E+01	5.01E-07	2.94E-07	2.20E+01	1.11E+00	4.26E-03	1.47E-01	4.10E-02	5.45E-01	9.27E+01	2.70E+00	4.47E-07	1.84E-07	7.86E-03	2.03E-04	1.13E+00	7.70E-01	9.49E+01	6.08E-03	9.49E+01	9.80E+01	1.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E+00
MU340A	3.62E-02	3.76E+00	-1.23E-02	3.80E+00	4.61E-07	0.00E+00	2.10E+03	3.64E-04	2.66E-03	2.79E-02	3.14E-03	1.03E+01	4.52E-07	3.30E-07	2.15E+01	8.84E-01	4.24E-03	1.28E-01	6.30E-02	7.08E-01	1.07E+02	4.01E+00	6.26E-07	2.30E-07	1.05E-02	2.23E-04	1.43E+00	7.18E-01	1.12E+02	5.10E-04	1.12E+02	1.14E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+00
MU350A	4.28E-02	3.73E+00	1.54E-04	3.83E+00	5.09E-07	0.00E+00	2.21E+03	3.37E-04	2.73E-03	2.93E-02	3.30E-03	1.73E+01	3.35E-08	4.34E-07	3.48E+01	9.03E-01	4.47E-03	1.27E-01	6.32E-02	7.35E-01	1.07E+02	3.98E+00	6.34E-07	2.77E-07	1.15E-02	2.70E-04	1.72E+00	7.71E-01	1.11E+02	9.54E-04	1.11E+02	1.13E+02	2.43E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+00
MU363A	4.54E-02	3.94E+00	7.92E-04	4.04E+00	4.62E-07	0.00E+00	2.23E+03	3.33E-04	2.96E-03	3.16E-02	3.30E-03	1.76E+01	3.80E-08	4.36E-07	3.54E+01	8.99E-01	4.47E-03	1.25E-01	8.18E-02	7.66E-01	1.08E+02	3.95E+00	6.84E-07	2.89E-07	1.26E-02	2.77E-04	1.74E+00	7.71E-01	1.11E+02	9.91E-04	1.11E+02	1.14E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E+00
MU406A	2.43E-02	3.05E+00	-4.54E-02	3.14E+00	2.27E-06	0.00E+00	2.22E+03	8.87E-05	2.05E-03	2.20E-02	3.73E-03	4.30E+00	2.68E-08	1.31E-07	1.03E+01	2.16E-01	5.04E-03	1.47E-01	3.52E-02	4.92E-01	1.12E+02	3.45E+00	6.60E-07	1.61E-07	8.32E-03	2.18E-04	6.24E-01	1.13E+00	1.15E+02	4.72E-04	1.15E+02	1.16E+02	1.49E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MU410A	2.40E-02	3.22E+00	-4.54E-02	3.25E+00	7.75E-07	0.00E+00	2.25E+03	9.61E-05	2.13E-03	2.29E-02	3.74E-03	6.66E+00	2.74E-08	1.58E-07	1.45E+01	2.28E-01	5.08E-03	1.48E-01	3.62E-02	4.91E-01	1.13E+02	3.47E+00	6.84E-07	1.65E-07	8.71E-03	2.17E-04	6.44E-01	1.14E+00	1.17E+02	4.83E-04	1.17E+02	1.17E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MU416A	2.46E-02	3.22E+00	-4.12E-02	3.26E+00	2.17E-06	0.00E+00	2.23E+03	9.68E-05	2.11E-03	2.27E-02	3.74E-03	6.46E+00	2.75E-08	1.61E-07	1.37E+01	1.99E-01	5.08E-03	1.48E-01	3.77E-02	5.01E-01	1.11E+02	3.45E+00	5.37E-07	1.62E-07	8.78E-03	2.21E-04	6.44E-01	9.82E-01	1.15E+02	5.17E-04	1.15E+02	1.15E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MU420A	2.48E-02	3.21E+00	-3.47E-02	3.25E+00	2.15E-06	0.00E+00	2.23E+03	1.00E-04	2.24E-03	2.41E-02	3.88E-03	6.72E+00	2.84E-08	1.63E-07	1.40E+01	2.20E-01	5.27E-03	1.47E-01	3.88E-02	5.16E-01	1.11E+02	3.48E+00	5.06E-07	1.65E-07	8.87E-03	2.28E-04	6.58E-01	8.78E-01	1.15E+02	1.41E-03	1.15E+02	1.15E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MU425A	3.71E-02	3.46E+00	-1.86E-02	3.50E+00	5.74E-07	0.00E+00	2.23E+03	5.33E-04	2.66E-03	2.81E-02	4.03E-03	1.21E+01	4.49E-07	3.54E-07	2.63E+01	1.28E+00	5.46E-03	1.27E-01	5.68E-02	6.58E-01	1.05E+02	3.92E+00	5.54E-07	2.33E-07	1.08E-02	2.60E-04	1.41E+00	8.79E-01	1.09E+02	1.82E-03	1.09E+02	1.11E+02	2.33E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+00
MU432A	3.59E-02	3.29E+00	-1.05E-02	3.33E+00	2.54E-06	0.00E+00	1.11E+03	5.55E-04	2.32E-03	2.51E-02	4.23E-03	1.25E+01	5.91E-07	3.58E-07	2.73E+01	1.44E+00	5.71E-03	1.50E-01	5.04E-02	6.69E-01	9.80E+01	2.86E+00	5.91E-07	2.30E-07	1.02E-02	2.61E-04	1.42E+00	9.21E-01	9.99E+01	7.24E-03	9.99E+01	1.02E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
MU440A	3.91E-02	3.83E+00	-1.47E-02	3.84E+00	5.12E-07	0.00E+00	2.23E+03	5.33E-04	2.68E-03	2.84E-02	4.06E-03	1.30E+01	4.52E-07	3.66E-07	2.74E+01	1.28E+00	5.50E-03	1.29E-01	6.55E-02	7.09E-01	1.10E+02	3.98E+00	7.13E-07	2.47E-07	1.10E-02	2.64E-04	1.46E+00	8.72E-01	1.14E+02	1.84E-03	1.14E+02	1.16E+02	2.40E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+00
MU450A	5.19E-02	3.77E+00	-2.69E-03	3.86E+00	5.49E-07	0.00E+00	2.23E+03	5.21E-04	2.77E-03	3.02E-02	4.07E-03	2.07E+01	3.44E-08	5.21E-07	4.12E+01	1.28E+00	5.50E-03	1.27E-01	7.63E-02	8.26E-01	1.09E+02	3.96E+00	7.06E-07	3.36E-07	1.20E-02	3.05E-04	1.84E+00	8.76E-01	1.13E+02	1.90E-03	1.13E+02	1.14E+02	2.79E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E+00
MU463A	5.09E-02	3.54E+00	1.18E-02	3.51E+00	2.53E-06	0.00E+00	1.11E+03	5.84E-04	2.59E-03	2.86E-02	4.37E-03	2.31E+01	3.10E-08	5.46E-07	4.73E+01	1.64E+00	5.92E-03	1.43E-01	6.87E-02	8.63E-01	9.77E+01	2.86E+00	8.12E-07	3.36E-07	1.20E-02	3.26E-04	1.98E+00	1.04E+00	9.90E+01	7.93E-03	9.90E+01	1.04E+02	2.91E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
MUN106A	5.72E-03	8.23E-01	-9.28E-03	8.33E-01	9.10E-07	0.00E+00	6.66E+02	2.50E-05	4.95E-04	5.32E-03	8.84E-04	1.09E+00	6.92E-09	3.17E-08	2.28E+00	5.28E-02	1.20E-03	4.74E-02	8.55E-03	1.11E-01	3.54E+01	9.31E-01	1.21E-07	3.62E-08	1.97E-03	4.46E-05	1.38E-01	2.06E-01	3.63E+01	9.66E-05	3.63E+01	3.67E+01	3.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-01
MUN110A	4.29E-03	6.58E-01	-9.98E-03	6.68E-01	9.10E-07	0.00E+00	5.74E+02	2.32E-05	4.11E-04	4.40E-03	7.93E-04	1.07E+00	6.12E-09	2.86E-08	2.15E+00	5.12E-02	1.07E-03	3.65E-02	6.99E-03	5.82E-02	2.60E+01	8.27E-01	7.88E-08	2.76E-08	1.60E-03	1.93E-05	1.03E-01	1.96E-01	2.68E+01	5.72E-05	2.68E+01	2.71E+01	2.99E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-01
MUN116A	4.24E-03	6.57E-01	-9.98E-03	6.67E-01	9.10E-07	0.00E+00	5.74E+02	2.32E-05	4.10E-04	4.40E-03	7.93E-04	1.07E+00	6.04E-09	2.85E-08	2.14E+00	5.12E-02	1.07E-03	3.65E-02	6.95E-03	5.69E-02	2.60E+01	8.27E-01	7.88E-08	2.74E-08	1.60E-03	1.94E-05	1.03E-01	1.96E-01	2.68E+01	5.72E-05	2.68E+01	2.71E+01	2.99E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-01
MUN120A	6.21E-03	8.33E-01	-8.74E-03	8.42E-01	9.10E-07	0.00E+00	6.61E+02	2.49E-05	5.06E-04	5.44E-03	9.10E-04	1.42E+00	7.14E-09	3.77E-08	3.00E+00	5.28E-02	1.23E-03	4.71E-02	9.21E-03	1.19E-01	3.55E+01	9.23E-01	1.24E-07	3.93E-08	2.04E-03	4.61E-05	1.52E-01	2.09E-01	3.65E+01	1.00E-04	3.65E+01	3.68E+01	3.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-01
MUN125A	7.41E-03	8.39E-01	-8.37E-03	8.47E-01	9.10E-07	0.00E+00	6.64E+02	2.50E-05	5.20E-04	5.60E-03	9.37E-04	1.81E+00	7.52E-09	4.49E-08	3.88E+00	5.28E-02	1.27E-03	4.73E-02	-1.64E+00	1.18E-01	3.57E+01	9.30E-01	1.25E-07	4.30E-08	2.11E-03	4.67E-05	1.75E-01	2.11E-01	3.66E+01	1.04E-04	3.66E+01	3.70E+01	3.86E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
MUN132A	9.68E-03	9.80E-01	-3.23E-03	9.85E-01	1.03E-06	0.00E+00	4.71E+02	1.54E-04	7.13E-04	7.49E-03	1.12E-03	3.58E+00	1.80E-07	9.72E-08	7.54E+00	4.10E-01	1.54E-03	5.16E-02	1.41E-02	1.74E-01	3.38E+01	7.87E-01	1.45E-07	6.08E-08	3.01E-03	5.59E-05	3.59E-01	2.54E-01	3.49E+01	2.02E-03	3.49E+01	3.57E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-01
MUN140A	9.93E-03	9.79E-01	-3.23E-03	9.84E-01	1.03E-06	0.00E+00	4.73E+02	1.55E-04	7.12E-04	7.47E-03	1.12E-03	3.57E+00	1.82E-07	9.71E-08	7.54E+00	4.15E-01	1.53E-03	5.16E-02	1.40E-02	1.74E-01	3.41E+01	7.92E-01	1.45E-07	6.17E-08	3.01E-03	5.59E-05	3.58E-01	2.53E-01	3.55E+01	2.02E-03	3.55E+01	3.61E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-01
MUN206A	1.14E-02	1.61E+00	-1.84E-02	1.63E+00	1.52E-06	0.00E+00	1.28E+03	4.93E-05	9.71E-04	1.04E-02	1.74E-03	2.17E+00	1.35E-08	6.12E-08	4.58E+00	1.04E-01	2.36E-03	9.17E-02	1.68E-02	2.38E-01	6.87E+01	1.81E+00	2.45E-07	7.26E-08	3.90E-03	1.04E-04	2.84E-01	4.10E-01	7.05E+01	2.38E-04	7.05E+01	7.12E+01	6.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-01
MUN210A	8.58E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.10E-04	8.69E-03	1.56E-03	2.14E+00	1.21E-08	5.57E-08	4.31E+00	1.01E-01	2.12E-03	7.00E-02	1.37E-02	1.43E-01	5.01E+01	1.64E+00	1.60E-07	5.58E-08	3.18E-03	6.01E-05	2.24E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.24E+01	6.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-01
MUN216A	8.57E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.10E-04	8.69E-03	1.57E-03	2.15E+00	1.22E-08	5.59E-08	4.31E+00	1.01E-01	2.12E-03	7.00E-02	1.38E-02	1.46E-01	5.01E+01	1.64E+00	1.60E-07	5.60E-08	3.18E-03	6.03E-05	2.24E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.24E+01	6.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-01
MUN220A	9.65E-03	1.31E+00	-1.86E-02	1.33E+00	1.50E-06	0.00E+00	1.12E+03	4.63E-05	8.33E-04	8.96E-03	1.62E-03	2.94E+00	1.23E-08	7.00E-08	6.08E+00	1.01E-01	2.20E-03	7.01E-02	1.50E-02	1.47E-01	5.05E+01	1.64E+00	1.65E-07	6.23E-08	3.33E-03	6.27E-05	2.51E-01	3.96E-01	5.22E+01	1.28E-04	5.22E+01	5.28E+01	6.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-01
MUN225A	1.36E-02	1.65E+00	-1.66E-02	1.67E+00	1.52E-06	0.00E+00	1.28E+03	4.93E-05	1.02E-03	1.10E-02	1.85E-03	3.62E+00	1.47E-08	8.75E-08	7.71E+00	1.04E-01	2.50E-03	9.15E-02	1.95E-02	2.57E-01	6.92E+01	1.81E+00	2.55E-07	8.61E-08	4.21E-03	1.09E-04	3.04E-01	4.20E-01	7.11E+01	2.54E-04	7.11E+01	7.18E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-01
MUN232A	1.92E-02	1.67E+00	-4.80E-03	1.67E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.16E-03	1.26E-02	2.11E-03	6.97E+00	3.19E-07	1.91E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.70E-02	3.46E-01	6.24E+01	1.48E+00	2.93E-07	1.21E-07	5.12E-03	1.31E-04	7.30E-01	4.47E-01	6.39E+01	3.99E-03	6.39E+01	6.51E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MUN240A	1.93E-02	1.69E+00	-4.58E-03	1.70E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.17E-03	1.27E-02	2.11E-03	6.98E+00	3.19E-07	1.92E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.71E-02	3.48E-01	6.28E+01	1.49E+00	3.46E-07	1.22E-07	5.16E-03	1.31E-04	7.33E-01	4.47E-01	6.43E+01	3.91E-03	6.43E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MUN250A	2.52E-02	1.76E+00	6.87E-03	1.76E+00	1.63E-06	0.00E+00	6.96E+02	3.08E-04	1.28E-03	1.41E-02	2.22E-03	1.22E+01	1.44E-08	2.76E-07	2.51E+01	8.99E-01	3.01E-03	9.97E-02	3.49E-02	4.04E-01	6.13E+01	1.47E+00	3.79E-07	1.64E-07	5.89E-03	1.65E-04	1.02E+00	4.58E-01	6.27E+01	4.38E-03	6.27E+01	6.42E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MUN263A	2.56E-02	1.78E+00	7.02E-03	1.77E+00	1.63E-06	0.00E+00	6.96E+02	3.08E-04	1.29E-03	1.42E-02	2.23E-03	1.23E+01	1.52E-08	2.79E-07	2.54E+01	8.99E-01	3.02E-03	1.00E-01	3.53E-02	4.31E-01	6.17E+01	1.47E+00	3.80E-07	1.70E-07	5.95E-03	1.66E-04	1.06E+00	4.59E-01	6.31E+01	4.38E-03	6.31E+01	6.47E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MUN310A	1.70E-02	2.39E+00	-2.71E-02	2.42E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.44E-03	1.55E-02	2.60E-03	3.28E+00	1.99E-08	9.19E-08	6.91E+00	1.56E-01	3.52E-03	1.35E-01	2.52E-02	3.71E-01	1.02E+02	2.70E+00	3.69E-07	1.09E-07	5.80E-03	1.61E-04	4.66E-01	6.13E-01	1.05E+02	3.00E-04	1.05E+02	1.06E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MUN316A	1.77E-02	2.41E+00	-2.64E-02	2.44E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.46E-03	1.57E-02	2.63E-03	3.78E+00	2.00E-08	1.01E-07	8.02E+00	1.56E-01	3.57E-03	1.35E-01	2.60E-02	3.72E-01	1.02E+02	2.70E+00	3.72E-07	1.13E-07	5.91E-03	1.63E-04	4.79E-01	6.17E-01	1.05E+02	3.05E-04	1.05E+02	1.06E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MUN320A	1.87E-02	2.42E+00	-2.61E-02	2.45E+00	1.91E-06	0.00E+00	1.91E+03	7.38E-05	1.49E-03	1.60E-02	2.68E-03	4.38E+00	2.10E-08	1.11E-07	9.25E+00	1.55E-01	3.63E-03	1.35E-01	2.71E-02	3.69E-01	1.02E+02	2.69E+00	3.76E-07	1.19E-07	6.05E-03	1.61E-04	4.20E-01	6.21E-01	1.05E+02	3.92E-04	1.05E+02	1.06E+02	1.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00

MUN325A	2.03E-02	2.46E+00	-2.48E-02	2.48E+00	1.91E-06	0.00E+00	1.91E+03	7.38E-05	1.52E-03	1.64E-02	2.75E-03	5.43E+00	2.20E-08	1.31E-07	1.16E+01	1.55E-01	3.72E-03	1.36E-01	2.90E-02	3.85E-01	1.03E+02	2.69E+00	3.82E-07	1.29E-07	6.28E-03	1.63E-04	4.59E-01	6.28E-01	1.06E+02	4.04E-04	1.06E+02	1.07E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MUN332A	2.87E-02	2.48E+00	-7.57E-03	2.49E+00	2.16E-06	0.00E+00	1.07E+03	4.34E-04	1.73E-03	1.88E-02	3.15E-03	1.05E+01	4.79E-07	2.86E-07	2.24E+01	1.13E+00	4.27E-03	1.47E-01	4.02E-02	5.03E-01	9.20E+01	2.22E+00	4.39E-07	1.80E-07	7.64E-03	1.93E-04	1.03E+00	6.69E-01	9.42E+01	6.07E-03	9.42E+01	9.59E+01	1.70E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MUN406A	2.28E-02	3.21E+00	-3.68E-02	3.24E+00	2.41E-06	0.00E+00	2.53E+03	9.84E-05	1.94E-03	2.08E-02	3.48E-03	4.35E+00	2.69E-08	1.22E-07	9.15E+00	2.06E-01	4.70E-03	1.83E-01	3.36E-02	4.75E-01	1.37E+02	3.59E+00	4.90E-07	1.45E-07	7.80E-03	2.09E-04	5.67E-01	8.18E-01	1.41E+02	5.23E-04	1.41E+02	1.42E+02	1.39E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MUN410A	2.27E-02	3.20E+00	-3.68E-02	3.24E+00	2.41E-06	0.00E+00	2.54E+03	9.83E-05	1.93E-03	2.08E-02	3.49E-03	4.37E+00	2.66E-08	1.22E-07	9.10E+00	2.06E-01	4.72E-03	1.82E-01	3.36E-02	4.70E-01	1.37E+02	3.59E+00	4.91E-07	1.44E-07	7.79E-03	2.10E-04	5.20E-01	8.19E-01	1.40E+02	5.23E-04	1.40E+02	1.42E+02	1.34E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MUN416A	2.37E-02	3.23E+00	-3.54E-02	3.27E+00	2.41E-06	0.00E+00	2.52E+03	9.84E-05	1.96E-03	2.11E-02	3.53E-03	5.04E+00	2.66E-08	1.35E-07	1.07E+01	2.06E-01	4.78E-03	1.82E-01	3.49E-02	4.93E-01	1.38E+02	3.58E+00	4.97E-07	1.50E-07	7.93E-03	2.17E-04	6.24E-01	8.24E-01	1.41E+02	4.09E-04	1.41E+02	1.43E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MUN420A	2.52E-02	3.28E+00	-3.43E-02	3.32E+00	2.41E-06	0.00E+00	2.53E+03	9.86E-05	2.06E-03	2.22E-02	3.59E-03	5.84E+00	2.79E-08	1.50E-07	1.24E+01	2.06E-01	4.86E-03	1.82E-01	3.65E-02	5.13E-01	1.39E+02	3.59E+00	5.02E-07	1.60E-07	8.30E-03	2.19E-04	6.51E-01	8.30E-01	1.42E+02	4.17E-04	1.42E+02	1.44E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MUN425A	2.72E-02	3.30E+00	-3.31E-02	3.33E+00	2.41E-06	0.00E+00	2.53E+03	9.83E-05	2.04E-03	2.20E-02	3.69E-03	7.24E+00	2.93E-08	1.75E-07	1.54E+01	2.06E-01	4.99E-03	1.83E-01	3.89E-02	5.12E-01	1.38E+02	3.59E+00	5.10E-07	1.72E-07	8.42E-03	2.18E-04	6.07E-01	8.39E-01	1.42E+02	5.54E-04	1.42E+02	1.43E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MUN432A	3.84E-02	3.34E+00	-9.60E-03	3.35E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.33E-03	2.52E-02	4.23E-03	1.39E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.40E-02	6.91E-01	1.25E+02	2.96E+00	5.86E-07	2.42E-07	1.03E-02	2.61E-04	1.46E+00	8.94E-01	1.28E+02	7.99E-03	1.28E+02	1.30E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MUN440A	3.85E-02	3.39E+00	-9.17E-03	3.40E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.35E-03	2.55E-02	4.22E-03	1.40E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.41E-02	6.94E-01	1.26E+02	2.98E+00	6.92E-07	2.43E-07	1.03E-02	2.63E-04	1.47E+00	8.94E-01	1.29E+02	7.83E-03	1.29E+02	1.31E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MUN450A	5.06E-02	3.55E+00	8.39E-03	3.54E+00	2.69E-06	0.00E+00	1.39E+03	6.15E-04	2.57E-03	2.82E-02	4.58E-03	2.44E+01	2.88E-08	5.51E-07	4.99E+01	1.79E+00	6.21E-03	2.04E-01	6.91E-02	9.12E-01	1.22E+02	2.95E+00	7.54E-07	3.55E-07	1.19E-02	3.02E-04	1.88E+00	9.29E-01	1.25E+02	8.90E-03	1.25E+02	1.28E+02	2.80E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00
MUN463A	5.13E-02	3.57E+00	8.71E-03	3.56E+00	2.69E-06	0.00E+00	1.39E+03	6.15E-04	2.59E-03	2.84E-02	4.61E-03	2.47E+01	3.04E-08	5.57E-07	5.05E+01	1.79E+00	6.24E-03	2.05E-01	7.00E-02	9.65E-01	1.23E+02	2.95E+00	7.56E-07	3.65E-07	1.20E-02	3.03E-04	1.91E+00	9.32E-01	1.26E+02	8.90E-03	1.26E+02	1.29E+02	2.84E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+00
MUN506A	1.11E-02	1.60E+00	-1.85E-02	1.62E+00	1.52E-06	0.00E+00	1.28E+03	4.90E-05	9.66E-04	1.04E-02	1.75E-03	2.15E+00	1.24E-08	6.00E-08	4.55E+00	1.03E-01	2.36E-03	9.14E-02	1.64E-02	2.19E-01	6.87E+01	1.81E+00	2.45E-07	7.01E-08	3.87E-03	1.04E-04	2.68E-01	4.10E-01	7.05E+01	2.39E-04	7.05E+01	7.12E+01	6.79E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-01
MUN510A	8.59E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.10E-04	8.69E-03	1.57E-03	2.14E+00	1.21E-08	5.57E-08	4.31E+00	1.01E-01	2.12E-03	7.00E-02	1.37E-02	1.43E-01	5.02E+01	1.65E+00	1.25E-07	5.59E-08	3.19E-03	6.02E-05	2.25E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.24E+01	6.17E-01	0.00E+00	0.00E+00	0.00E+00	5.89E-01
MUN516A	8.58E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.11E-04	8.71E-03	1.57E-03	2.15E+00	1.23E-08	5.59E-08	4.32E+00	1.01E-01	2.13E-03	7.00E-02	1.38E-02	1.46E-01	5.02E+01	1.65E+00	1.25E-07	5.60E-08	3.19E-03	6.04E-05	2.28E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.25E+01	6.19E-01	0.00E+00	0.00E+00	0.00E+00	5.91E-01
MUN520A	9.66E-03	1.31E+00	-1.86E-02	1.33E+00	1.50E-06	0.00E+00	1.12E+03	4.63E-05	8.34E-04	8.97E-03	1.62E-03	2.94E+00	1.24E-08	7.00E-08	6.08E+00	1.01E-01	2.20E-03	7.01E-02	1.50E-02	1.47E-01	5.06E+01	1.65E+00	1.30E-07	6.24E-08	3.34E-03	6.28E-05	2.54E-01	3.97E-01	5.23E+01	1.28E-04	5.23E+01	5.29E+01	6.51E-01	0.00E+00	0.00E+00	0.00E+00	6.45E-01
MUN525A	1.30E-02	1.53E+00	-1.29E-02	1.54E+00	1.57E-06	0.00E+00	1.26E+03	9.94E-05	9.82E-04	1.06E-02	1.73E-03	4.61E+00	1.66E-07	1.07E-07	9.98E+00	2.12E-01	2.35E-03	8.42E-02	1.92E-02	2.53E-01	5.98E+01	1.78E+00	2.55E-07	8.28E-08	3.99E-03	1.10E-04	4.02E-01	3.99E-01	6.15E+01	2.69E-04	6.15E+01	6.23E+01	8.01E-01	0.00E+00	0.00E+00	0.00E+00	8.26E-01
MUN532A	1.87E-02	1.67E+00	-4.80E-03	1.67E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.16E-03	1.25E-02	2.11E-03	6.95E+00	3.17E-07	1.89E-07	1.50E+01	7.53E-01	2.85E-03	9.87E-02	2.63E-02	3.20E-01	6.26E+01	1.48E+00	2.93E-07	1.18E-07	5.08E-03	1.30E-04	7.34E-01	4.47E-01	6.41E+01	3.99E-03	6.41E+01	6.53E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MUN540A	1.93E-02	1.69E+00	-4.59E-03	1.70E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.17E-03	1.27E-02	2.11E-03	6.98E+00	3.19E-07	1.92E-07	1.50E+01	7.53E-01	2.86E-03	9.87E-02	2.71E-02	3.48E-01	6.29E+01	1.49E+00	3.46E-07	1.22E-07	5.16E-03	1.31E-04	7.37E-01	4.47E-01	6.44E+01	3.91E-03	6.44E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MUN606A	2.40E-02	3.18E+00	-4.30E-02	3.23E+00	2.40E-06	0.00E+00	2.52E+03	9.46E-05	1.98E-03	2.12E-02	3.54E-03	4.53E+00	2.63E-08	1.33E-07	9.11E+00	2.01E-01	4.79E-03	1.82E-01	3.50E-02	4.84E-01	1.38E+02	3.55E+00	5.34E-07	1.56E-07	8.23E-03	2.18E-04	6.18E-01	9.64E-01	1.41E+02	4.64E-04	1.41E+02	1.42E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MUN610A	2.25E-02	3.21E+00	-3.63E-02	3.25E+00	2.41E-06	0.00E+00	2.52E+03	9.82E-05	1.94E-03	2.08E-02	3.49E-03	4.35E+00	2.54E-08	1.22E-07	9.19E+00	2.06E-01	4.72E-03	1.82E-01	3.35E-02	4.74E-01	1.38E+02	3.58E+00	4.92E-07	1.43E-07	7.78E-03	2.14E-04	6.07E-01	8.19E-01	1.41E+02	4.02E-04	1.41E+02	1.43E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MUN616A	2.34E-02	3.23E+00	-3.54E-02	3.27E+00	2.41E-06	0.00E+00	2.52E+03	9.82E-05	1.96E-03	2.10E-02	3.53E-03	5.02E+00	2.56E-08	1.34E-07	1.07E+01	2.06E-01	4.78E-03	1.82E-01	3.46E-02	4.76E-01	1.38E+02	3.58E+00	4.97E-07	1.48E-07	7.91E-03	2.16E-04	6.25E-01	8.24E-01	1.42E+02	4.09E-04	1.42E+02	1.43E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MUN620A	2.62E-02	3.25E+00	-3.19E-02	3.28E+00	2.45E-06	0.00E+00	2.53E+03	1.49E-04	2.02E-03	2.18E-02	3.60E-03	6.83E+00	1.80E-07	1.71E-07	1.47E+01	3.15E-01	4.87E-03	1.83E-01	3.76E-02	5.19E-01	1.35E+02	3.59E+00	5.08E-07	1.66E-07	8.25E-03	2.21E-04	7.63E-01	8.30E-01	1.39E+02	4.32E-04	1.39E+02	1.41E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
MUN625A	2.82E-02	3.29E+00	-3.06E-02	3.32E+00	2.45E-06	0.00E+00	2.53E+03	1.49E-04	2.06E-03	2.22E-02	3.69E-03	8.23E+00	1.81E-07	1.95E-07	1.77E+01	3.14E-01	4.99E-03	1.83E-01	3.99E-02	5.14E-01	1.35E+02	3.59E+00	5.16E-07	1.78E-07	8.51E-03	2.20E-04	7.13E-01	8.39E-01	1.39E+02	5.69E-04	1.39E+02	1.40E+02	1.55E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MUN632A	3.79E-02	3.34E+00	-9.61E-03	3.35E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.32E-03	2.51E-02	4.22E-03	1.39E+01	6.36E-07	3.81E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.33E-02	6.65E-01	1.25E+02	2.96E+00	5.86E-07	2.39E-07	1.02E-02	2.61E-04	1.47E+00	8.94E-01	1.28E+02	7.99E-03	1.28E+02	1.30E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MUN640A	3.85E-02	3.39E+00	-9.18E-03	3.40E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.35E-03	2.55E-02	4.22E-03	1.40E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.41E-02	6.94E-01	1.26E+02	2.98E+00	6.92E-07	2.43E-07	1.03E-02	2.63E-04	1.47E+00	8.94E-01	1.29E+02	7.83E-03	1.29E+02	1.31E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MUN650A	5.01E-02	3.46E+00	1.18E-02	3.45E+00	2.69E-06	0.00E+00	1.39E+03	6.16E-04	2.54E-03	2.79E-02	4.45E-03	2.43E+01	2.87E-08	5.50E-07	5.03E+01	1.79E+00	6.02E-03	2.00E-01	-9.88E+00	7.53E-01	1.21E+02	2.96E+00	7.47E-07	3.26E-07	1.16E-02	3.20E-04	2.04E+00	9.16E-01	1.24E+02	8.77E-03	1.24E+02	1.27E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	-4.25E+02
MUN663A	5.41E-02	3.49E+00	1.23E-02	3.48E+00	2.69E-06	0.00E+00	1.39E+03	6.16E-04	2.56E-03	2.81E-02	4.47E-03	2.46E+01	3.03E-08	5.56E-07	5.09E+01	1.79E+00	6.06E-03	2.00E-01	-9.88E+00	8.01E-01	1.22E+02	2.95E+00	7.49E-07	3.37E-07	1.17E-02	3.17E-04	2.13E+00	9.18E-01	1.25E+02	8.89E-03	1.25E+02	1.28E+02	3.05E+00	0.00E+00	0.00E+00	0.00E+00	-4.25E+02
MV106	6.18E-03	9.54E-01	-1.57E-02	9.74E-01	4.89E-07	0.00E+00	1.11E+03	2.56E-05	5.48E-04	5.86E-03	9.95E-04	1.21E+00	1.37E-08	3.75E-08	2.54E+00	5.34E-02	1.40E-03	5.09E-02	9.25E-03	1.11E-01	3.82E+01	1.02E+00	1.24E-07	4.03E-08	2.11E-03	4.29E-05	1.62E-01	2.59E-01	3.97E+01	1.15E-04	3.97E+01	4.05E+01	3.66E-01	0.00E+00	0.00E+00	0.00E+00	3.96E-01
MV106Z	6.16E-03	8.60E-01	-9.69E-03	8.70E-01	4.19E-07	0.00E+00	6.92E+02	2.54E-05	5.10E-04	5.49E-03	9.12E-04	1.15E+00	7.05E-09	3.60E-08	2.49E+00	5.22E-02	1.24E-03	4.98E-02	9.23E-03	1.08E-01	3.69E+01	9.49E-01	1.24E-07	4.02E-08	2.03E-03	4.16E-05	1.54E-01	2.09E-01	3.80E+01	1.08E-04	3.80E+01	3.84E+01	3.59E-01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MV110Z	6.32E-03	8.65E-01	-9.52E-03	8.76E-01	3.75E-07	0.00E+00	6.92E+02	2.54E-05	5.09E-04	5.49E-03	9.12E-04	1.24E+00	7.03E-09	3.46E-08	2.52E+00	5.20E-02	1.24E-03	4.95E-02	8.99E-03	1.12E-01	3.68E+01	9.48E-01	1.25E-07	4.11E-08	2.05E-03	4.20E-05	1.44E-01	2.10E-01	3.78E+01	1.05E-04	3.78E+01	3.84E+01	3.63E-01	0.00E+00	0.00E+00	0.00E+00	3.86E-01
MV116	4.63E-03	6.65E-01	-9.34E-03	6.75E-01	4.38E-07	0.00E+00	5.77E+02	2.35E-05	4.19E-04	4.48E-03	8.16E-04	1.13E+00	7.08E-09	3.07E-08	2.21E+00	5.00E-02	1.10E-03	3.65E-02	7.25E-03	5.79E-02	2.60E+01	8.21E-01	7.97E-08	2.96E-08	1.64E-03	1.94E-05	1.12E-01	1.97E-01	2.68E+01	5.79E-05	2.68E+01	2.71E+01	3.04E-01	0.00E+00	0.00E+00	0.00E+00	3.09E-01
MV116Z	6.55E-03	8.71E-01	-9.54E-03	8.82E-01	3.75E-07	0.00E+00	6.92E+02	2.57E-05	5.23E-04	5.66E-03	9.33E-04	1.42E+00	7.10E-09	3.89E-08	3.06E+00	5.23E-02	1.26E-03	4.96E-02	9.53E-03	1.14E-01	3.69E+01	9.48E-01	1.25E-07	4.22E-08	2.12E-03	4.22E-05	1.48E-01	2.12E-01	3.80E+01	1.11E-04	3.80E+01	3.85E+01	3.69E-01	0.00E+00	0.00E+00	0.00E+00	4.10E-01
MV120	5.06E-03	6.93E-01	-9.16E-03	7.01E-01	4.29E-07	0.00E+00	5.82E+02	2.38E-05	4.22E-04	4.54E-03	8.20E-04	1.16E+00	7.51E-09	3.06E-08	2.23E+00	4.98E-02	1.11E-03	3.91E-02	7.67E-03	8.27E-02	3.07E+01	8.19E-01	1.12E-07	3.32E-08	1.65E-03	5.00E-05	1.19E-01	1.98E-01	3.14E+01	7.86E-05	3.14E+01	3.24E+01	3.13E-01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MV120Z	7.19E-03	8.70E-01	-9.17E-03	8.85E-01	3.80E-07	0.00E+00	6.92E+02	5.08E-05	5.51E-04	5.94E-03	9.50E-04	1.65E+00	9.22E-08	5.53E-08	3.84E+00	8.66E-02	1.29E-03	4.96E-02	1.04E-02	1.22E-01	3.72E+01	9.48E-01	1.26E-07	4.54E-08	2.30E-03	4.32E-05	1.84E-01	2.14E-01	3.83E+01	1.32E-04	3.83E+01	3.88E+01	4.37E-01	0.00E+00	0.00E+00	0.00E+00	4.51E-01
MV125	7.95E-03	8.68E-01	-8.97E-03	8.89E-01	2.02E-07	0.00E+00	6.97E+02	3.13E-05	5.51E-04	5.93E-03	9.63E-04	1.83E+00	7.87E-09	4.96E-08	3.85E+00	6.43E-02	1.31E-03	4.97E-02	1.11E-02	1.21E-01	3.71E+01	9.45E-01	1.33E-07	4.90E-08	2.34E-03	4.40E-05	1.75E-01	2.15E-01	3.81E+01	1.35E-04	3.81E+01	3.87E+01	4.32E-01	0.00E+00	0.00E+00	0.00E+00	4.78E-01
MV125Z	8.57E-03	8.68E-01	-8.90E-03	8.89E-01	2.02E-07	0.00E+00	6.97E+02	3.66E-05	5.54E-04	5.96E-03	9.70E-04	1.86E+00	7.87E-09	5.13E-08	3.90E+00	7.76E-02	1.31E-03	4.97E-02	1.19E-02	1.33E-01	3.70E+01	9.45E-01	1.41E-07	5.29E-08	2.38E-03	4.56E-05	1.93E-01	2.15E-01	3.81E+01	1.41E-04	3.81E+01	3.85E+01	4.63E-01	0.00E+00	0.00E+00	0.00E+00	5.15E-01
MV132	9.61E-03	9.82E-01	-3.22E-03	9.89E-01	3.73E-07	0.00E+00	3.69E+02	1.52E-04	7.19E-04	7.54E-03	1.06E-03	3.36E+00	1.76E-07	9.64E-08	7.28E+00	3.97E-01	1.43E-03	5.15E-02	1.37E-02	1.73E-01	3.34E+01	7.37E-01	1.45E-07	6.04E-08	3.06E-03	5.40E-05	3.46E-01	2.35E-01	3.42E+01	2.73E-03	3.42E+01	3.47E+01	5.89E-01	0.00E+00	0.00E+00	0.00E+00	5.85E-01
MV132Z	9.66E-03	9.83E-01	-3.20E-03	9.90E-01	3.74E-07	0.00E+00	3.67E+02	1.51E-04	7.21E-04	7.56E-03	1.06E-03	3.44E+00	1.75E-07	9.75E-08	7.35E+00	3.95E-01	1.44E-03	5.16E-02	1.39E-02	1.74E-01	3.28E+01	7.38E-01	1.45E-07	6.08E-08	3.09E-03	5.39E-05	3.49E-01	2.35E-01	3.34E+01	2.73E-03	3.34E+01	3.41E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MV140	9.89E-03	9.82E-01	-3.24E-03	9.89E-01	3.74E-07	0.00E+00	3.70E+02	1.53E-04	7.20E-04	7.55E-03	1.06E-03	3.39E+00	1.96E-07	9.70E-08	7.37E+00	4.04E-01	1.44E-03	5.15E-02	1.40E-02	1.73E-01	3.33E+01	7.42E-01	1.45E-07	6.18E-08	3.09E-03	5.39E-05	3.47E-01	2.35E-01	3.42E+01	2.74E-03	3.42E+01	3.47E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	6.00E-01
MV140Z	9.92E-03	9.82E-01	-3.20E-03	9.89E-01	3.74E-07	0.00E+00	3.70E+02	1.52E-04	7.20E-04	7.55E-03	1.07E-03	3.43E+00	1.78E-07	9.74E-08	7.39E+00	4.02E-01	1.44E-03	5.16E-02	1.39E-02	1.73E-01	3.33E+01	7.42E-01	1.45E-07	6.18E-08	3.09E-03	5.39E-05	3.47E-01	2.35E-01	3.42E+01	2.73E-03	3.42E+01	3.47E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	6.00E-01
MV206	1.30E-02	1.76E+00	-2.41E-02	1.79E+00	8.34E-07	0.00E+00	1.65E+03	5.17E-05	1.24E-03	1.29E-02	1.84E-03	2.19E+00	1.81E-08	6.17E-08	4.47E+00	1.05E-01	2.49E-03	9.55E-02	1.88E-02	2.49E-01	7.19E+01	2.31E+00	2.49E-07	8.22E-08	4.32E-03	1.04E-04	2.86E-01	6.22E-01	7.38E+01	2.56E-04	7.38E+01	7.42E+01	7.86E-01	0.00E+00	0.00E+00	0.00E+00	8.05E-01
MV220	1.36E-02	1.75E+00	-1.78E-02	1.77E+00	8.45E-07	0.00E+00	1.63E+03	5.15E-05	1.18E-03	1.24E-02	1.85E-03	3.24E+00	1.55E-08	8.58E-08	7.82E+00	1.06E-01	2.50E-03	9.57E-02	1.98E-02	2.60E-01	7.20E+01	2.25E+00	2.55E-07	8.84E-08	4.29E-03	1.09E-04	3.26E-01	4.28E-01	7.38E+01	2.45E-04	7.38E+01	7.48E+01	7.73E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-01
MV225	1.49E-02	1.70E+00	-1.54E-02	1.71E+00	5.85E-07	0.00E+00	1.20E+03	5.39E-05	1.09E-03	1.17E-02	1.83E-03	3.68E+00	1.52E-08	9.19E-08	7.86E+00	1.11E-01	2.41E-03	9.59E-02	2.14E-02	2.66E-01	7.21E+01	1.89E+00	2.58E-07	9.72E-08	4.50E-03	1.08E-04	3.31E-01	3.94E-01	7.37E+01	2.75E-04	7.37E+01	7.47E+01	8.27E-01	0.00E+00	0.00E+00	0.00E+00	9.27E-01
MV232	1.81E-02	1.73E+00	-1.26E-02	1.75E+00	3.08E-07	0.00E+00	9.51E+02	2.75E-04	1.30E-03	1.38E-02	2.09E-03	6.83E+00	3.64E-07	1.83E-07	1.44E+01	6.44E-01	2.84E-03	9.87E-02	2.60E-02	3.41E-01	6.28E+01	1.84E+00	3.01E-07	1.15E-07	5.08E-03	1.27E-04	7.19E-01	5.49E-01	6.50E+01	3.89E-03	6.50E+01	6.60E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MV240	1.93E-02	1.74E+00	-1.11E-02	1.76E+00	3.03E-07	0.00E+00	9.39E+02	2.91E-04	1.31E-03	1.38E-02	2.09E-03	7.04E+00	3.64E-07	1.92E-07	1.52E+01	7.50E-01	2.83E-03	9.87E-02	2.70E-02	3.48E-01	6.28E+01	1.83E+00	3.49E-07	1.22E-07	5.18E-03	1.29E-04	7.34E-01	5.48E-01	6.43E+01	3.93E-03	6.43E+01	6.59E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MV332	2.90E-02	3.19E+00	-1.10E-02	3.21E+00	1.14E-06	0.00E+00	1.08E+03	4.21E-04	1.99E-03	2.14E-02	3.15E-03	1.04E+01	5.02E-07	2.95E-07	2.22E+01	1.10E+00	4.26E-03	1.47E-01	4.13E-02	5.36E-01	9.27E+01	2.73E+00	4.47E-07	1.86E-07	7.98E-03	2.04E-04	1.14E+00	7.71E-01	9.51E+01	6.12E-03	9.51E+01	9.78E+01	1.84E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MV340	3.12E-02	3.22E+00	-7.72E-03	3.23E+00	1.13E-06	0.00E+00	1.08E+03	4.24E-04	2.04E-03	2.19E-02	3.13E-03	1.05E+01	5.02E-07	2.99E-07	2.27E+01	1.11E+00	4.24E-03	1.47E-01	4.27E-02	5.75E-01	9.30E+01	2.74E+00	5.65E-07	1.98E-07	8.59E-03	2.06E-04	1.16E+00	7.62E-01	9.55E+01	6.05E-03	9.55E+01	9.75E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+00
MV432	3.58E-02	3.30E+00	-1.05E-02	3.34E+00	1.58E-06	0.00E+00	1.12E+03	5.55E-04	2.32E-03	2.52E-02	4.19E-03	1.26E+01	5.91E-07	3.56E-07	2.74E+01	1.44E+00	5.67E-03	1.50E-01	5.07E-02	6.64E-01	9.51E+01	2.86E+00	6.07E-07	2.32E-07	1.02E-02	2.61E-04	1.41E+00	9.22E-01	9.74E+01	7.22E-03	9.74E+01	1.00E+02	2.31E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
MV440	3.80E-02	3.37E+00	-1.04E-02	3.35E+00	1.57E-06	0.00E+00	1.12E+03	5.55E-04	2.35E-03	2.55E-02	4.19E-03	1.30E+01	5.92E-07	3.68E-07	2.78E+01	1.44E+00	5.70E-03	1.50E-01	5.26E-02	6.83E-01	9.60E+01	2.88E+00	7.08E-07	2.45E-07	1.04E-02	2.61E-04	1.39E+00	9.22E-01	9.73E+01	7.19E-03	9.73E+01	1.02E+02	2.25E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00
MW106	4.78E-03	7.80E-01	-1.15E-02	7.92E-01	8.70E-09	0.00E+00	8.80E+02	2.73E-05	5.73E-04	6.22E-03	8.28E-04	1.01E+00	8.15E-09	3.08E-08	1.99E+00	5.16E-02	1.12E-03	3.32E-02	5.96E-03	1.04E-01	2.39E+01	1.10E+00	7.35E-08	3.01E-08	2.03E-03	2.61E-05	2.05E-01	2.20E-01	2.50E+01	5.60E-05	2.50E+01	2.54E+01	4.25E-01	0.00E+00	0.00E+00	0.00E+00	2.56E-01
MW110	4.94E-03	7.72E-01	-1.14E-02	7.83E-01	8.60E-09	0.00E+00	8.74E+02	2.71E-05	5.64E-04	6.13E-03	8.31E-04	1.09E+00	8.01E-09	3.14E-08	2.12E+00	5.11E-02	1.12E-03	3.32E-02	6.06E-03	1.01E-01	2.38E+01	1.09E+00	7.53E-08	3.17E-08	2.02E-03	2.69E-05	1.97E-01	2.20E-01	2.49E+01	5.70E-05	2.49E+01	2.53E+01	4.17E-01	0.00E+00	0.00E+00	0.00E+00	2.60E-01
MW116	4.61E-03	6.65E-01	-9.35E-03	6.75E-01	3.47E-07	0.00E+00	5.77E+02	2.34E-05	4.18E-04	4.48E-03	8.16E-04	1.10E+00	7.04E-09	2.91E-08	2.20E+00	4.99E-02	1.10E-03	3.65E-02	7.03E-03	5.78E-02	2.60E+01	8.20E-01	7.94E-08	2.96E-08	1.65E-03	1.94E-05	1.11E-01	1.97E-01	2.68E+01	5.75E-05	2.68E+01	2.70E+01	3.04E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-01
MW120	5.02E-03	7.73E-01	-1.13E-02	7.84E-01	8.66E-09	0.00E+00	8.74E+02	2.72E-05	5.66E-04	6.14E-03	8.35E-04	1.17E+00	7.99E-09	3.29E-08	2.31E+00	5.14E-02	1.13E-03	3.32E-02	6.16E-03	9.96E-02	2.38E+01	1.09E+00	7.55E-08	3.20E-08	2.03E-03	2.69E-05	2.00E-01	2.20E-01	2.49E+01	5.79E-05	2.49E+01	2.54E+01	4.20E-01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
MW125	7.23E-03	8.77E-01	-8.76E-03	8.86E-01	8.53E-09	0.00E+00	6.97E+02	2.53E-05	5.39E-04	5.80E-03	9.70E-04	1.81E+00	7.73E-09	4.47E-08	3.85E+00	4.98E-02	1.31E-03	4.97E-02	1.02E-02	1.12E-01	3.73E+01	9.45E-01	1.28E-07	4.53E-08	2.21E-03	4.19E-05	1.40E-01	2.15E-01	3.83E+01	1.04E-04	3.83E+01	3.86E+01	3.55E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-01
MW132	9.55E-03	8.40E-01	-2.84E-03	8.42E-01	9.19E-08	0.00E+00	3.60E+02	1.45E-04	5.82E-04	6.29E-03	1.06E-03	3.49E+00	1.60E-07	9.59E-08	7.44E+00	3.75E-01	1.43E-03	5.09E-02	1.35E-02	1.50E-01	3.18E+01	7.13E-01	1.45E-07	5.98E-08	2.55E-03	5.14E-05	3.29E-01	2.23E-01	3.25E+01	2.01E-03	3.25E+01	3.31E+01	5.52E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01
MW140	9.55E-03	8.40E-01	-2.84E-03	8.42E-01	9.19E-08	0.00E+00	3.59E+02	1.45E-04	5.82E-04	6.29E-03	1.06E-03	3.49E+00	1.60E-07	9.59E-08	7.44E+00	3.75E-01	1.43E-03	5.09E-02	1.35E-02	1.51E-01	3.18E+01	7.13E-01	1.45E-07	5.98E-08	2.56E-03	5.14E-05	3.29E-01	2.23E-01	3.25E+01	2.01E-03	3.25E+01	3.31E+01	5.52E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01
MW206	1.23E-02	1.65E+00	-2.41E-02	1.70E+00	8.37E-07	0.00E+00	1.65E+03	5.17E-05	1.20E-03	1.26E-02	1.83E-03	2.19E+00	1.80E-08	6.17E-08	4.47E+00	1.05E-01	2.49E-03	9.27E-02	1.57E-02	2.43E-01	7.03E+01	2.28E+00	2.49E-07	7.32E-08	4.18E-03	1.04E-04	2.69E-01	6.17E-01	7.22E+01	2.39E-04	7.22E+01	7.28E+01	6.51E-01	0.00E+00	0.00E+00	0.00E+00	6.75E-01
MW210	1.24E-02	1.65E+00	-2.38E-02	1.70E+00	7.83E-07	0.00E+00	1.65E+03	5.74E-05	1.22E-03	1.27E-02	1.84E-03	2.38E+00	1.85E-08	7.37E-08	5.16E+00	1.12E-01	2.49E-03	9.33E-02	1.71E-02	2.49E-01	7.04E+01	2.31E+00	2.49E-07	7.27E-08	4.15E-03	1.06E-04	3.11E-01	6.19E-01	7.23E+01	2.41E-04	7.23E+01	7.33E+01	6.76E-01	0.00E+00	0.00E+00	0.00E+00	7.41E-01
MW225	1.50E-02	1.70E+00	-1.54E-02	1.71E+00	5.85E-07	0.00E+00	1.20E+03	5.39E-05	1.09E-03	1.17E-02	1.84E-03	3.68E+00	1.52E-08	9.19E-08	7.86E+00	1.11E-01	2.42E-03	9.59E-02	2.14E-02	2.66E-01	7.21E+01	1.89E+00	2.58E-07	9.75E-08	4.50E-03	1.08E-04	3.30E-01	3.94E-01	7.37E+01	2.75E-04	7.37E+01	7.47E+01	8.27E-01	0.00E+00	0.00E+00	0.00E+00	9.27E-01
MW232	1.81E-02	1.72E+00	-1.26E-02	1.75E+00	3.27E-07	0.00E+00	9.51E+02	2.75E-04	1.29E-03	1.37E-02	2.11E-03	6.83E+00	3.64E-07	1.83E-07	1.44E+01	6.43E-01	2.86E-03	9.87E-02	2.59E-02	3.41E-01	6.28E+01	1.84E+00	3.00E-07	1.15E-07	5.07E-03	1.27E-04	7.20E-01	5.49E-01	6.50E+01	3.94E-03	6.50E+01	6.60E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MW240	1.93E-02	1.74E+00	-1.12E-02	1.76E+00	3.24E-07	0.00E+00	9.39E+02	2.91E-04	1.31E-03	1.38E-02	2.11E-03	7.04E+00	3.64E-07	1.93E-07	1.52E+01	7.50E-01	2.86E-03	9.87E-02	2.70E-02	3.48E-01	6.28E+01	1.82E+00	3.49E-07	1.22E-07	5.19E-03	1.30E-04	7.51E-01	5.56E-01	6.43E+01	3.96E-03	6.43E+01	6.59E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MW306	1.79E-02	2.99E+00	-3.30E-02	3.05E+00	3.81E-07	0.00E+00	2.06E+03	7.53E-05	1.83E-03	1.92E-02	2.68E-03	2.72E+00	2.38E-08	9.66E-08	5.94E+00	1.56E-01	3.64E-03	1.43E-01	2.59E-02	3.60E-01	1.06E+02	3.13E+00	3.70E-07	1.13E-07	6.18E-03	1.58E-04	4.28E-01	7.09E-01	1.09E+02	3.84E-04	1.09E+02	1.10E+02	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MW310	1.80E-02	3.09E+00	-3.28E-02	3.12E+00	3.77E-07	0.00E+00	2.08E+03	7.64E-05	1.83E-03	1.93E-02	2.72E-03	3.39E+00	2.40E-08	9.93E-08	7.36E+00	1.57E-01	3.67E-03	1.43E-01	2.61E-02	3.69E-01	1.07E+02	3.16E+00	3.77E-07	1.15E-07	6.21E-03	1.61E-04	4.53E-01	7.10E-01	1.10E+02	3.64E-04	1.10E+02	1.11E+02	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MW316	1.28E-02	1.92E+00	-2.95E-02	1.95E+00	2.51E-08	0.00E+00	1.72E+03	6.98E-05	1.21E-03	1.30E-02	2.34E-03	3.22E+00	1.86E-08	8.39E-08	6.45E+00	1.46E-01	3.17E-03	1.04E-01	2.05E-02	2.14E-01	7.40E+01	2.45E+00	2.40E-07	8.35E-08	4.73E-03	8.99E-05	2.96E-01	5.85E-01	7.64E+01	1.81E-04	7.64E+01	7.73E+01	8.81E-01	0.00E+00	0.00E+00	0.00E+00	8.79E-01
MW320	2.00E-02	2.55E+00	-2.69E-02	2.58E+00	2.56E-08	0.00E+00	2.07E+03	7.57E-05	1.56E-03	1.68E-02	2.80E-03	4.38E+00	2.20E-08	1.14E-07	9.25E+00	1.49E-01	3.79E-03	1.43E-01	2.81E-02	3.68E-01	1.08E+02	2.85E+00	3.81E-07	1.26E-07	6.37E-03	1.60E-04	4.12E-01	6.34E-01	1.10E+02	3.93E-04	1.10E+02	1.11E+02	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MW325	2.17E-02	2.59E+00	-2.55E-02	2.61E+00	2.56E-08	0.00E+00	2.07E+03	7.57E-05	1.60E-03	1.72E-02	2.87E-03	5.43E+00	2.30E-08	1.33E-07	1.16E+01	1.49E-01	3.89E-03	1.43E-01	3.01E-02	3.84E-01	1.08E+02	2.85E+00	3.88E-07	1.37E-07	6.59E-03	1.62E-04	4.51E-01	6.41E-01	1.11E+02	4.04E-04	1.11E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
MW332	2.86E-02	2.47E+00	-7.68E-03	2.47E+00	2.76E-07	0.00E+00	1.06E+03	4.34E-04	1.72E-03	1.86E-02	3.12E-03	1.05E+01	4.79E-07	2.85E-07	2.24E+01	1.12E+00	4.22E-03	1.47E-01	4.01E-02	4.98E-01	9.16E+01	2.14E+00	4.38E-07	1.80E-07	7.59E-03	1.90E-04	1.02E+00	6.65E-01	9.38E+01	5.94E-03	9.38E+01	9.55E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MW340	2.88E-02	2.50E+00	-7.36E-03	2.51E+00	2.76E-07	0.00E+00	1.05E+03	4.34E-04	1.74E-03	1.88E-02	3.12E-03	1.05E+01	4.79E-07	2.85E-07	2.24E+01	1.12E+00	4.22E-03	1.47E-01	4.02E-02	5.00E-01	9.23E+01	2.15E+00	5.17E-07	1.81E-07	7.65E-03	1.92E-04	1.02E+00	6.65E-01	9.44E+01	5.82E-03	9.44E+01	9.61E+01	1.68E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MW350	3.80E-02	3.51E+00	7.96E-03	3.51E+00	1.38E-06	0.00E+00	1.07E+03	4.35E-04	2.21E-03	2.42E-02	3.30E-03	1.79E+01	2.64E-08	4.07E-07	3.82E+01	1.23E+00	4.46E-03	1.39E-01	5.18E-02	6.41E-01	9.11E+01	2.67E+00	5.60E-07	2.54E-07	1.01E-02	2.48E-04	1.51E+00	7.96E-01	9.36E+01	5.50E-03	9.36E+01	9.56E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
MW363	3.96E-02	3.46E+00	8.48E-03	3.48E+00	1.38E-06	0.00E+00	1.07E+03	4.36E-04	2.24E-03	2.46E-02	3.31E-03	1.82E+01	2.74E-08	4.11E-07	3.88E+01	1.24E+00	4.48E-03	1.39E-01	5.45E-02	6.70E-01	9.11E+01	2.67E+00	5.85E-07	2.64E-07	1.02E-02	2.50E-04	1.54E+00	8.02E-01	9.37E+01	5.41E-03	9.37E+01	9.57E+01	2.25E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MW406	2.35E-02	3.05E+00	-4.55E-02	3.13E+00	8.02E-07	0.00E+00	2.22E+03	8.85E-05	2.05E-03	2.21E-02	3.73E-03	4.30E+00	2.68E-08	1.32E-07	1.03E+01	2.16E-01	5.04E-03	1.47E-01	3.51E-02	4.81E-01	1.12E+02	3.45E+00	6.59E-07	1.60E-07	8.20E-03	2.16E-04	6.21E-01	1.13E+00	1.15E+02	4.74E-04	1.15E+02	1.16E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MW410	2.38E-02	3.20E+00	-4.54E-02	3.25E+00	7.70E-07	0.00E+00	2.23E+03	9.61E-05	2.04E-03	2.21E-02	3.72E-03	6.66E+00	2.74E-08	1.58E-07	1.45E+01	2.23E-01	5.04E-03	1.48E-01	3.56E-02	4.91E-01	1.13E+02	3.47E+00	6.69E-07	1.62E-07	8.06E-03	2.17E-04	6.44E-01	1.13E+00	1.16E+02	4.83E-04	1.16E+02	1.17E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MW416	2.43E-02	3.22E+00	-4.41E-02	3.26E+00	7.65E-07	0.00E+00	2.23E+03	9.65E-05	2.30E-03	2.49E-02	3.89E-03	6.83E+00	2.75E-08	1.61E-07	1.51E+01	2.24E-01	5.29E-03	1.48E-01	3.75E-02	4.95E-01	1.13E+02	3.45E+00	6.73E-07	1.65E-07	9.30E-03	2.30E-04	6.55E-01	1.14E+00	1.16E+02	1.86E-03	1.16E+02	1.17E+02	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MW420	2.42E-02	3.21E+00	-3.46E-02	3.25E+00	7.15E-07	0.00E+00	2.24E+03	1.00E-04	2.26E-03	2.44E-02	3.90E-03	6.73E+00	2.84E-08	1.63E-07	1.40E+01	2.20E-01	5.29E-03	1.48E-01	3.91E-02	5.06E-01	1.11E+02	3.48E+00	5.04E-07	1.64E-07	8.93E-03	2.28E-04	6.52E-01	8.80E-01	1.15E+02	1.82E-03	1.15E+02	1.16E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
MW425	2.89E-02	2.52E+00	-2.42E-02	2.55E+00	6.50E-07	0.00E+00	1.35E+03	2.55E-04	1.74E-03	1.94E-02	3.92E-03	8.54E+00	2.23E-08	2.13E-07	1.93E+01	7.43E-01	5.33E-03	1.48E-01	4.17E-02	5.10E-01	1.11E+02	2.65E+00	5.14E-07	1.80E-07	8.89E-03	2.28E-04	7.71E-01	6.20E-01	1.14E+02	1.99E-03	1.14E+02	1.16E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
MW432	3.57E-02	3.30E+00	-1.05E-02	3.34E+00	1.58E-06	0.00E+00	1.12E+03	5.55E-04	2.32E-03	2.51E-02	4.22E-03	1.26E+01	5.91E-07	3.56E-07	2.74E+01	1.44E+00	5.71E-03	1.50E-01	5.07E-02	6.64E-01	9.51E+01	2.86E+00	6.05E-07	2.30E-07	1.02E-02	2.61E-04	1.40E+00	9.21E-01	9.74E+01	7.26E-03	9.74E+01	9.99E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	2.17E+00
MW440	3.80E-02	3.41E+00	-1.04E-02	3.38E+00	1.57E-06	0.00E+00	1.12E+03	5.55E-04	2.35E-03	2.55E-02	4.17E-03	1.30E+01	5.92E-07	3.68E-07	2.78E+01	1.44E+00	5.67E-03	1.50E-01	5.28E-02	6.83E-01	9.60E+01	2.88E+00	7.04E-07	2.45E-07	1.04E-02	2.62E-04	1.39E+00	9.11E-01	9.73E+01	7.18E-03	9.73E+01	1.02E+02	2.25E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+00
MWN102A	8.21E-03	9.83E-01	-8.85E-03	9.84E-01	9.19E-07	0.00E+00	4.08E+02	4.23E-05	6.95E-04	7.04E-03	1.07E-03	2.06E+00	1.63E-08	6.80E-08	4.47E+00	1.09E-01	1.44E-03	4.92E-02	1.20E-02	1.68E-01	3.69E+01	8.31E-01	1.43E-07	5.13E-08	2.86E-03	5.73E-05	2.50E-01	2.34E-01	3.75E+01	1.96E-03	3.75E+01	3.81E+01	5.15E-01	0.00E+00	0.00E+00	0.00E+00	5.17E-01
MWN104A	8.08E-03	9.90E-01	-8.99E-03	9.94E-01	9.67E-07	0.00E+00	5.06E+02	4.11E-05	6.97E-04	7.04E-03	1.10E-03	1.92E+00	1.63E-08	6.39E-08	4.14E+00	1.21E-01	1.51E-03	4.90E-02	1.21E-02	1.74E-01	3.78E+01	8.91E-01	1.43E-07	5.12E-08	2.85E-03	5.61E-05	2.54E-01	2.52E-01	3.89E+01	1.99E-03	3.89E+01	3.96E+01	5.13E-01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MWN106	4.54E-03	6.61E-01	-9.47E-03	6.74E-01	8.80E-07	0.00E+00	5.84E+02	2.34E-05	4.20E-04	4.49E-03	8.20E-04	1.08E+00	6.37E-09	2.91E-08	2.19E+00	5.10E-02	1.11E-03	3.71E-02	7.08E-03	6.08E-02	2.58E+01	8.23E-01	7.99E-08	2.92E-08	1.64E-03	1.98E-05	1.08E-01	1.99E-01	2.66E+01	5.85E-05	2.66E+01	2.70E+01	3.08E-01	0.00E+00	0.00E+00	0.00E+00	3.00E-01
MWN106A	5.66E-03	8.40E-01	-1.05E-02	8.66E-01	9.16E-07	0.00E+00	6.68E+02	2.52E-05	5.12E-04	5.40E-03	8.69E-04	1.10E+00	1.39E-08	3.11E-08	2.29E+00	5.39E-02	1.18E-03	4.46E-02	8.33E-03	1.15E-01	3.42E+01	9.35E-01	1.24E-07	3.63E-08	1.93E-03	4.51E-05	1.54E-01	2.15E-01	3.49E+01	9.92E-05	3.49E+01	3.53E+01	3.71E-01	0.00E+00	0.00E+00	0.00E+00	3.58E-01

MWN110	5.71E-03	8.23E-01	-9.16E-03	8.32E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	4.95E-04	5.32E-03	8.87E-04	1.09E+00	6.80E-09	3.17E-08	2.29E+00	5.28E-02	1.20E-03	4.71E-02	8.61E-03	1.14E-01	3.54E+01	9.20E-01	1.22E-07	3.61E-08	1.97E-03	4.52E-05	1.42E-01	2.06E-01	3.63E+01	9.68E-05	3.63E+01	3.66E+01	3.49E-01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MWN110A	5.81E-03	8.73E-01	-1.07E-02	9.02E-01	9.54E-07	0.00E+00	7.81E+02	2.51E-05	5.21E-04	5.52E-03	9.31E-04	1.21E+00	1.40E-08	3.22E-08	2.33E+00	5.39E-02	1.27E-03	4.48E-02	8.71E-03	1.18E-01	3.55E+01	9.75E-01	1.24E-07	3.80E-08	2.00E-03	4.56E-05	1.56E-01	2.37E-01	3.66E+01	9.97E-05	3.66E+01	3.72E+01	3.77E-01	0.00E+00	0.00E+00	0.00E+00	3.75E-01
MWN116	9.54E-03	1.02E+00	-1.77E-02	1.05E+00	9.71E-07	0.00E+00	1.48E+03	4.04E-05	9.22E-04	9.08E-03	1.08E-03	1.83E+00	1.78E-08	5.88E-08	3.59E+00	9.71E-02	1.51E-03	4.97E-02	1.23E-02	1.69E-01	3.79E+01	1.55E+00	1.43E-07	5.87E-08	2.88E-03	4.92E-05	2.38E-01	4.17E-01	3.93E+01	1.31E-04	3.93E+01	3.97E+01	5.93E-01	0.00E+00	0.00E+00	0.00E+00	5.35E-01
MWN116A	5.94E-03	8.06E-01	-8.99E-03	8.13E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	4.95E-04	5.33E-03	8.75E-04	1.39E+00	6.95E-09	3.44E-08	2.68E+00	5.29E-02	1.18E-03	4.45E-02	8.93E-03	1.20E-01	3.37E+01	9.21E-01	1.24E-07	3.80E-08	1.97E-03	4.54E-05	1.56E-01	2.05E-01	3.46E+01	1.00E-04	3.46E+01	3.50E+01	3.71E-01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MWN120	9.73E-03	9.97E-01	-1.71E-02	1.01E+00	9.83E-07	0.00E+00	1.47E+03	6.99E-05	8.65E-04	8.68E-03	1.10E-03	1.99E+00	6.54E-08	6.01E-08	4.56E+00	1.43E-01	1.54E-03	4.97E-02	1.25E-02	1.72E-01	3.76E+01	1.38E+00	1.43E-07	6.01E-08	2.91E-03	4.95E-05	2.46E-01	4.08E-01	3.86E+01	1.31E-04	3.86E+01	3.93E+01	6.06E-01	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MWN120A	6.14E-03	8.16E-01	-8.72E-03	8.22E-01	9.20E-07	0.00E+00	6.59E+02	5.30E-05	5.02E-04	5.38E-03	8.80E-04	1.61E+00	4.33E-08	4.13E-08	3.25E+00	8.78E-02	1.19E-03	4.46E-02	9.26E-03	1.25E-01	3.37E+01	9.21E-01	1.24E-07	4.12E-08	2.04E-03	4.57E-05	1.69E-01	2.06E-01	3.46E+01	1.20E-04	3.46E+01	3.50E+01	3.83E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-01
MWN125	6.83E-03	8.47E-01	-8.22E-03	8.55E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.22E-04	5.63E-03	9.37E-04	1.81E+00	7.50E-09	4.50E-08	3.87E+00	5.28E-02	1.27E-03	4.73E-02	9.94E-03	1.24E-01	3.58E+01	9.23E-01	1.27E-07	4.32E-08	2.13E-03	4.72E-05	1.67E-01	2.11E-01	3.67E+01	1.05E-04	3.67E+01	3.71E+01	3.78E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
MWN125A	6.73E-03	8.23E-01	-8.30E-03	8.26E-01	9.10E-07	0.00E+00	6.60E+02	2.49E-05	5.08E-04	5.46E-03	9.09E-04	1.80E+00	7.46E-09	4.42E-08	3.81E+00	5.29E-02	1.23E-03	4.45E-02	9.68E-03	1.24E-01	3.40E+01	9.20E-01	1.25E-07	4.27E-08	2.07E-03	4.70E-05	1.70E-01	2.08E-01	3.48E+01	1.06E-04	3.48E+01	3.51E+01	3.81E-01	0.00E+00	0.00E+00	0.00E+00	4.16E-01
MWN132	9.58E-03	8.48E-01	-2.46E-03	8.51E-01	9.93E-07	0.00E+00	3.62E+02	1.45E-04	5.87E-04	6.35E-03	1.06E-03	3.49E+00	1.60E-07	9.65E-08	7.47E+00	3.78E-01	1.44E-03	5.09E-02	1.36E-02	1.63E-01	3.21E+01	7.39E-01	1.45E-07	6.02E-08	2.57E-03	5.68E-05	3.56E-01	2.24E-01	3.28E+01	1.99E-03	3.28E+01	3.34E+01	5.80E-01	0.00E+00	0.00E+00	0.00E+00	5.86E-01
MWN132A	9.61E-03	9.67E-01	-8.39E-03	9.63E-01	1.04E-06	0.00E+00	6.42E+02	1.47E-04	7.14E-04	7.41E-03	1.12E-03	3.50E+00	1.80E-07	9.57E-08	7.49E+00	3.90E-01	1.58E-03	4.82E-02	1.38E-02	1.73E-01	3.25E+01	8.09E-01	1.46E-07	6.11E-08	3.00E-03	5.69E-05	3.57E-01	2.71E-01	3.37E+01	2.04E-03	3.37E+01	3.42E+01	5.90E-01	0.00E+00	0.00E+00	0.00E+00	5.87E-01
MWN140	9.90E-03	9.77E-01	-3.11E-03	9.77E-01	9.95E-07	0.00E+00	3.70E+02	1.55E-04	7.18E-04	7.53E-03	1.06E-03	3.53E+00	1.82E-07	9.76E-08	7.50E+00	4.05E-01	1.44E-03	5.16E-02	1.40E-02	1.75E-01	3.32E+01	7.42E-01	1.45E-07	6.17E-08	3.04E-03	5.59E-05	3.58E-01	2.35E-01	3.40E+01	2.01E-03	3.40E+01	3.46E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	6.00E-01
MWN150	1.29E-02	9.37E-01	4.32E-03	9.40E-01	9.77E-07	0.00E+00	3.73E+02	1.62E-04	6.53E-04	7.17E-03	1.11E-03	5.57E+00	7.88E-09	1.30E-07	1.15E+01	4.79E-01	1.49E-03	5.15E-02	1.82E-02	2.04E-01	3.25E+01	7.45E-01	1.89E-07	8.41E-08	2.97E-03	7.57E-05	5.17E-01	2.28E-01	3.40E+01	1.97E-03	3.40E+01	3.45E+01	7.43E-01	0.00E+00	0.00E+00	0.00E+00	7.84E-01
MWN202A	1.62E-02	1.76E+00	-1.49E-02	1.77E+00	1.55E-06	0.00E+00	1.07E+03	7.09E-05	1.27E-03	1.33E-02	2.12E-03	2.26E+00	1.66E-08	7.28E-08	5.00E+00	2.17E-01	2.86E-03	9.71E-02	2.35E-02	3.42E-01	6.88E+01	1.98E+00	2.96E-07	1.03E-07	4.97E-03	1.23E-04	4.43E-01	4.48E-01	7.14E+01	3.94E-03	7.14E+01	7.26E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
MWN204A	1.64E-02	1.78E+00	-1.74E-02	1.81E+00	1.51E-06	0.00E+00	1.12E+03	1.02E-04	1.32E-03	1.37E-02	2.09E-03	4.04E+00	1.93E-08	1.33E-07	8.87E+00	2.70E-01	2.83E-03	9.71E-02	2.44E-02	3.42E-01	6.90E+01	2.10E+00	2.94E-07	1.04E-07	4.94E-03	1.22E-04	5.39E-01	5.89E-01	7.13E+01	3.88E-03	7.13E+01	7.28E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+00
MWN206	1.12E-02	1.64E+00	-2.31E-02	1.69E+00	1.47E-06	0.00E+00	1.60E+03	5.12E-05	1.19E-03	1.23E-02	1.74E-03	2.17E+00	1.66E-08	6.12E-08	4.45E+00	1.05E-01	2.37E-03	9.15E-02	1.56E-02	2.44E-01	6.91E+01	2.25E+00	2.48E-07	7.13E-08	3.95E-03	1.04E-04	2.96E-01	6.09E-01	7.08E+01	2.14E-04	7.08E+01	7.17E+01	6.89E-01	0.00E+00	0.00E+00	0.00E+00	6.68E-01
MWN206A	8.96E-03	1.20E+00	-1.60E-02	1.25E+00	1.49E-06	0.00E+00	1.01E+03	4.60E-05	7.99E-04	8.23E-03	1.57E-03	2.13E+00	1.27E-08	5.84E-08	4.33E+00	1.03E-01	2.07E-03	6.60E-02	1.34E-02	1.44E-01	4.89E+01	1.58E+00	1.49E-07	5.79E-08	3.02E-03	5.88E-05	2.25E-01	3.64E-01	5.06E+01	1.61E-04	5.06E+01	5.20E+01	6.05E-01	0.00E+00	0.00E+00	0.00E+00	5.83E-01
MWN210	1.14E-02	1.61E+00	-1.81E-02	1.63E+00	1.50E-06	0.00E+00	1.27E+03	4.94E-05	9.73E-04	1.05E-02	1.75E-03	2.19E+00	1.33E-08	6.15E-08	4.60E+00	1.04E-01	2.36E-03	9.11E-02	1.69E-02	2.46E-01	6.88E+01	1.80E+00	2.46E-07	7.26E-08	3.90E-03	1.07E-04	3.03E-01	4.10E-01	7.06E+01	1.98E-04	7.06E+01	7.13E+01	7.13E-01	0.00E+00	0.00E+00	0.00E+00	7.27E-01
MWN210A	8.84E-03	1.20E+00	-1.58E-02	1.24E+00	1.48E-06	0.00E+00	1.01E+03	4.66E-05	8.01E-04	8.27E-03	1.55E-03	2.14E+00	1.27E-08	5.60E-08	4.34E+00	1.05E-01	2.06E-03	6.63E-02	1.39E-02	1.44E-01	4.88E+01	1.58E+00	1.53E-07	5.84E-08	3.06E-03	6.15E-05	2.39E-01	3.64E-01	5.03E+01	1.59E-04	5.03E+01	5.16E+01	6.28E-01	0.00E+00	0.00E+00	0.00E+00	5.99E-01
MWN216	9.35E-03	1.21E+00	-1.58E-02	1.25E+00	1.48E-06	0.00E+00	9.95E+02	4.78E-05	8.38E-04	8.93E-03	1.57E-03	2.23E+00	1.28E-08	6.01E-08	4.85E+00	1.10E-01	2.08E-03	6.96E-02	1.49E-02	1.48E-01	4.97E+01	1.57E+00	1.52E-07	6.14E-08	3.20E-03	6.22E-05	2.47E-01	3.67E-01	5.14E+01	1.53E-04	5.14E+01	5.20E+01	6.38E-01	0.00E+00	0.00E+00	0.00E+00	6.27E-01
MWN216A	9.43E-03	1.20E+00	-1.55E-02	1.25E+00	1.48E-06	0.00E+00	9.98E+02	4.85E-05	8.12E-04	8.50E-03	1.56E-03	2.28E+00	1.29E-08	6.23E-08	4.94E+00	1.12E-01	2.07E-03	6.65E-02	1.48E-02	1.47E-01	4.90E+01	1.58E+00	1.54E-07	6.21E-08	3.09E-03	6.23E-05	2.54E-01	3.64E-01	5.06E+01	1.71E-04	5.06E+01	5.19E+01	6.40E-01	0.00E+00	0.00E+00	0.00E+00	6.30E-01
MWN220	1.25E-02	1.63E+00	-1.72E-02	1.65E+00	1.50E-06	0.00E+00	1.28E+03	4.94E-05	1.00E-03	1.08E-02	1.80E-03	2.92E+00	1.40E-08	7.51E-08	6.22E+00	1.04E-01	2.44E-03	9.11E-02	1.83E-02	2.57E-01	6.92E+01	1.81E+00	2.51E-07	7.98E-08	4.07E-03	1.09E-04	3.26E-01	4.16E-01	7.10E+01	2.06E-04	7.10E+01	7.18E+01	7.41E-01	0.00E+00	0.00E+00	0.00E+00	7.85E-01
MWN220A	9.93E-03	1.74E+00	-1.55E-02	1.73E+00	1.48E-06	0.00E+00	1.01E+03	4.77E-05	8.67E-04	9.45E-03	1.59E-03	2.95E+00	1.30E-08	7.19E-08	5.88E+00	1.05E-01	2.09E-03	7.99E-02	1.53E-02	1.92E-01	5.99E+01	1.60E+00	1.61E-07	6.46E-08	3.50E-03	8.52E-05	2.68E-01	3.70E-01	6.31E+01	1.71E-04	6.31E+01	6.36E+01	6.54E-01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
MWN225	1.36E-02	1.65E+00	-1.66E-02	1.67E+00	1.52E-06	0.00E+00	1.28E+03	4.93E-05	1.02E-03	1.10E-02	1.85E-03	3.62E+00	1.47E-08	8.75E-08	7.71E+00	1.04E-01	2.50E-03	9.15E-02	1.95E-02	2.57E-01	6.93E+01	1.81E+00	2.55E-07	8.61E-08	4.21E-03	1.09E-04	3.04E-01	4.20E-01	7.11E+01	2.54E-04	7.11E+01	7.18E+01	7.24E-01	0.00E+00	0.00E+00	0.00E+00	8.36E-01
MWN225A	1.36E-02	1.61E+00	-1.56E-02	1.61E+00	1.51E-06	0.00E+00	1.15E+03	5.22E-05	1.02E-03	1.10E-02	1.75E-03	3.69E+00	1.48E-08	9.05E-08	7.90E+00	1.12E-01	2.31E-03	8.95E-02	1.88E-02	2.55E-01	6.81E+01	1.76E+00	2.55E-07	8.64E-08	4.16E-03	1.09E-04	3.27E-01	3.84E-01	6.98E+01	2.47E-04	6.98E+01	7.09E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-01
MWN232	1.92E-02	1.67E+00	-4.80E-03	1.67E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.16E-03	1.26E-02	2.11E-03	6.97E+00	3.19E-07	1.91E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.70E-02	3.46E-01	6.24E+01	1.48E+00	2.93E-07	1.21E-07	5.12E-03	1.31E-04	7.30E-01	4.47E-01	6.39E+01	3.99E-03	6.39E+01	6.51E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MWN232A	1.92E-02	1.72E+00	-1.12E-02	1.74E+00	1.60E-06	0.00E+00	9.32E+02	2.86E-04	1.35E-03	1.41E-02	2.09E-03	7.03E+00	3.72E-07	1.90E-07	1.52E+01	7.53E-01	2.83E-03	9.69E-02	2.70E-02	3.46E-01	6.08E+01	2.00E+00	3.01E-07	1.21E-07	5.12E-03	1.30E-04	7.62E-01	5.61E-01	6.22E+01	3.90E-03	6.22E+01	6.34E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MWN240	1.93E-02	1.69E+00	-4.58E-03	1.70E+00	1.66E-06	0.00E+00	7.06E+02	2.89E-04	1.17E-03	1.27E-02	2.11E-03	6.98E+00	3.19E-07	1.92E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.71E-02	3.48E-01	6.28E+01	1.49E+00	3.46E-07	1.22E-07	5.16E-03	1.31E-04	7.33E-01	4.47E-01	6.43E+01	3.91E-03	6.43E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MWN240A	1.92E-02	1.72E+00	-1.11E-02	1.75E+00	1.60E-06	0.00E+00	9.32E+02	2.87E-04	1.35E-03	1.41E-02	2.09E-03	7.03E+00	3.72E-07	1.90E-07	1.52E+01	7.53E-01	2.83E-03	9.69E-02	2.73E-02	3.47E-01	6.09E+01	2.00E+00	3.47E-07	1.21E-07	5.11E-03	1.30E-04	7.61E-01	5.61E-01	6.23E+01	3.89E-03	6.23E+01	6.35E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MWN250	2.51E-02	2.01E+00	7.23E-03	2.05E+00	1.58E-06	0.00E+00	9.30E+02	3.04E-04	1.55E-03	1.64E-02	2.20E-03	1.21E+01	1.90E-08	2.73E-07	2.48E+01	8.86E-01	2.98E-03	9.94E-02	3.47E-02	4.04E-01	6.17E+01	2.07E+00	3.78E-07	1.65E-07	5.92E-03	1.66E-04	1.05E+00	5.73E-01	6.28E+01	4.48E-03	6.28E+01	6.53E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MWN263	2.56E-02	1.78E+00	7.02E-03	1.77E+00	1.63E-06	0.00E+00	6.96E+02	3.08E-04	1.29E-03	1.42E-02	2.23E-03	1.23E+01	1.52E-08	2.79E-07	2.54E+01	8.99E-01	3.02E-03	1.00E-01	3.53E-02	4.31E-01	6.17E+01	1.47E+00	3.80E-07	1.70E-07	5.95E-03	1.66E-04	1.06E+00	4.59E-01	6.31E+01	4.38E-03	6.31E+01	6.47E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
MWN302A	2.61E-02	2.56E+00	-1.90E-02	2.58E+00	2.35E-06	0.00E+00	1.24E+03	1.45E-04	1.69E-03	1.86E-02	3.14E-03	5.28E+00	2.51E-08	1.73E-07	1.13E+01	3.53E-01	4.25E-03	1.46E-01	3.59E-02	5.26E-01	1.04E+02	2.37E+00	3.99E-07	1.57E-07	7.49E-03	1.91E-04	8.56E-01	6.93E-01	1.06E+02	5.80E-03	1.06E+02	1.04E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MWN304A	2.61E-02	3.05E+00	-2.08E-02	3.09E+00	2.37E-06	0.00E+00	1.30E+03	1.59E-04	1.96E-03	2.12E-02	3.14E-03	7.33E+00	2.75E-08	1.91E-07	1.59E+01	3.91E-01	4.25E-03	1.46E-01	3.59E-02	5.46E-01	1.04E+02	2.73E+00	3.97E-07	1.58E-07	7.63E-03	1.98E-04	8.99E-01	7.71E-01	1.06E+02	5.97E-03	1.06E+02	1.03E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MWN306	1.77E-02	2.88E+00	-3.28E-02	2.89E+00	2.08E-06	0.00E+00	1.94E+03	7.74E-05	1.80E-03	1.88E-02	2.63E-03	3.19E+00	2.34E-08	1.01E-07	6.84E+00	1.60E-01	3.56E-03	1.35E-01	2.64E-02	3.62E-01	1.02E+02	3.07E+00	3.71E-07	1.13E-07	6.00E-03	1.62E-04	4.45E-01	7.06E-01	1.05E+02	3.64E-04	1.05E+02	1.06E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MWN306A	1.76E-02	2.98E+00	-3.26E-02	2.97E+00	2.03E-06	0.00E+00	1.93E+03	7.84E-05	1.81E-03	1.88E-02	2.61E-03	3.24E+00	2.30E-08	1.02E-07	6.95E+00	1.60E-01	3.53E-03	1.34E-01	2.65E-02	3.64E-01	1.01E+02	3.06E+00	3.71E-07	1.12E-07	6.01E-03	1.62E-04	4.44E-01	7.05E-01	1.03E+02	3.71E-04	1.03E+02	1.04E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MWN310	1.70E-02	2.40E+00	-2.71E-02	2.42E+00	2.32E-06	0.00E+00	1.90E+03	7.39E-05	1.45E-03	1.56E-02	2.60E-03	3.28E+00	1.99E-08	9.19E-08	6.91E+00	1.56E-01	3.52E-03	1.35E-01	2.52E-02	3.71E-01	1.02E+02	2.70E+00	3.69E-07	1.09E-07	5.82E-03	1.62E-04	4.66E-01	6.13E-01	1.05E+02	3.00E-04	1.05E+02	1.06E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
MWN310A	1.74E-02	3.05E+00	-3.29E-02	3.08E+00	2.30E-06	0.00E+00	1.94E+03	7.83E-05	1.79E-03	1.85E-02	2.62E-03	3.37E+00	2.39E-08	9.56E-08	7.12E+00	1.63E-01	3.55E-03	1.33E-01	2.58E-02	3.69E-01	1.02E+02	3.11E+00	3.74E-07	1.12E-07	5.91E-03	1.62E-04	4.80E-01	7.04E-01	1.04E+02	3.36E-04	1.04E+02	1.05E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MWN316	1.28E-02	1.92E+00	-2.93E-02	1.95E+00	2.32E-06	0.00E+00	1.68E+03	6.93E-05	1.21E-03	1.30E-02	2.33E-03	3.22E+00	1.83E-08	8.35E-08	6.48E+00	1.52E-01	3.16E-03	1.04E-01	2.05E-02	2.19E-01	7.43E+01	2.45E+00	2.40E-07	8.38E-08	4.73E-03	9.13E-05	3.50E-01	5.85E-01	7.67E+01	1.81E-04	7.67E+01	7.76E+01	9.35E-01	0.00E+00	0.00E+00	0.00E+00	8.81E-01
MWN316A	1.78E-02	2.39E+00	-2.82E-02	2.42E+00	2.30E-06	0.00E+00	1.90E+03	7.39E-05	1.46E-03	1.58E-02	2.62E-03	3.89E+00	2.04E-08	1.02E-07	8.24E+00	1.57E-01	3.55E-03	1.33E-01	2.61E-02	3.75E-01	1.02E+02	2.70E+00	3.73E-07	1.13E-07	5.91E-03	1.63E-04	4.76E-01	6.15E-01	1.04E+02	3.18E-04	1.04E+02	1.05E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MWN320	1.88E-02	2.43E+00	-2.57E-02	2.46E+00	2.32E-06	0.00E+00	1.90E+03	7.40E-05	1.49E-03	1.61E-02	2.68E-03	4.38E+00	2.09E-08	1.12E-07	9.34E+00	1.56E-01	3.63E-03	1.35E-01	2.73E-02	3.86E-01	1.03E+02	2.70E+00	3.76E-07	1.20E-07	6.07E-03	1.65E-04	5.00E-01	6.21E-01	1.06E+02	3.12E-04	1.06E+02	1.07E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MWN320A	1.86E-02	2.36E+00	-2.20E-02	2.40E+00	2.24E-06	0.00E+00	1.26E+03	6.87E-05	1.37E-03	1.50E-02	2.59E-03	4.38E+00	1.98E-08	1.11E-07	9.34E+00	1.54E-01	3.46E-03	1.32E-01	2.71E-02	3.81E-01	1.02E+02	2.66E+00	3.67E-07	1.18E-07	5.95E-03	1.64E-04	4.88E-01	4.90E-01	1.04E+02	3.46E-04	1.04E+02	1.05E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MWN325	2.03E-02	2.46E+00	-2.48E-02	2.48E+00	1.91E-06	0.00E+00	1.91E+03	7.38E-05	1.52E-03	1.64E-02	2.75E-03	5.43E+00	2.20E-08	1.31E-07	1.16E+01	1.55E-01	3.72E-03	1.36E-01	2.90E-02	3.85E-01	1.03E+02	2.69E+00	3.82E-07	1.29E-07	6.28E-03	1.63E-04	4.59E-01	6.28E-01	1.06E+02	4.04E-04	1.06E+02	1.07E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MWN325A	1.99E-02	3.09E+00	-3.16E-02	3.15E+00	1.98E-06	0.00E+00	1.95E+03	7.94E-05	1.84E-03	1.94E-02	2.72E-03	5.13E+00	2.51E-08	1.23E-07	1.09E+01	1.61E-01	3.68E-03	1.33E-01	2.81E-02	3.83E-01	1.03E+02	3.17E+00	3.80E-07	1.26E-07	6.22E-03	1.63E-04	4.82E-01	7.11E-01	1.05E+02	4.19E-04	1.05E+02	1.06E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MWN332	2.87E-02	2.49E+00	-7.09E-03	2.50E+00	2.57E-06	0.00E+00	1.06E+03	4.34E-04	1.74E-03	1.88E-02	3.15E-03	1.05E+01	4.79E-07	2.87E-07	2.25E+01	1.13E+00	4.27E-03	1.47E-01	4.04E-02	5.21E-01	9.27E+01	2.23E+00	4.40E-07	1.81E-07	7.66E-03	1.97E-04	1.11E+00	6.69E-01	9.49E+01	5.99E-03	9.49E+01	9.67E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MWN332A	2.88E-02	3.12E+00	-9.65E-03	3.15E+00	2.50E-06	0.00E+00	1.08E+03	4.23E-04	2.00E-03	2.15E-02	3.13E-03	1.05E+01	5.01E-07	2.98E-07	2.26E+01	1.11E+00	4.24E-03	1.46E-01	4.11E-02	5.51E-01	9.09E+01	2.73E+00	4.50E-07	1.84E-07	7.96E-03	2.04E-04	1.17E+00	7.73E-01	9.31E+01	5.95E-03	9.31E+01	9.51E+01	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
MWN340	2.89E-02	2.53E+00	-6.77E-03	2.53E+00	2.57E-06	0.00E+00	1.06E+03	4.34E-04	1.75E-03	1.90E-02	3.15E-03	1.05E+01	4.79E-07	2.87E-07	2.25E+01	1.13E+00	4.27E-03	1.47E-01	4.05E-02	5.23E-01	9.33E+01	2.24E+00	5.19E-07	1.82E-07	7.72E-03	1.98E-04	1.11E+00	6.69E-01	9.56E+01	5.87E-03	9.56E+01	9.74E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
MWN340A	2.97E-02	3.17E+00	-9.16E-03	3.20E+00	2.54E-06	0.00E+00	1.07E+03	4.24E-04	2.03E-03	2.19E-02	3.11E-03	1.05E+01	5.02E-07	2.96E-07	2.27E+01	1.11E+00	4.21E-03	1.46E-01	4.30E-02	5.72E-01	9.11E+01	2.71E+00	5.64E-07	1.87E-07	8.40E-03	2.05E-04	1.19E+00	7.69E-01	9.32E+01	5.92E-03	9.32E+01	9.51E+01	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00
MWN350	3.78E-02	2.63E+00	1.04E-02	2.62E+00	2.53E-06	0.00E+00	1.04E+03	4.62E-04	1.92E-03	2.10E-02	3.32E-03	1.83E+01	2.15E-08	4.13E-07	3.77E+01	1.35E+00	4.49E-03	1.48E-01	5.22E-02	6.07E-01	9.10E+01	2.22E+00	5.68E-07	2.46E-07	8.82E-03	2.49E-04	1.55E+00	6.85E-01	9.32E+01	6.57E-03	9.32E+01	9.54E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MWN363	3.84E-02	2.65E+00	1.06E-02	2.64E+00	2.53E-06	0.00E+00	1.04E+03	4.63E-04	1.93E-03	2.12E-02	3.34E-03	1.85E+01	2.27E-08	4.18E-07	3.82E+01	1.35E+00	4.52E-03	1.49E-01	5.29E-02	6.47E-01	9.16E+01	2.22E+00	5.69E-07	2.54E-07	8.90E-03	2.50E-04	1.59E+00	6.87E-01	9.38E+01	6.57E-03	9.38E+01	9.61E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
MWN406	2.30E-02	3.08E+00	-3.75E-02	3.14E+00	2.40E-06	0.00E+00	2.50E+03	9.65E-05	2.00E-03	2.14E-02	3.52E-03	3.45E+00	2.66E-08	1.24E-07	7.59E+00	2.00E-01	4.76E-03	1.73E-01	3.39E-02	5.00E-01	1.25E+02	3.52E+00	5.10E-07	1.55E-07	8.26E-03	2.20E-04	6.37E-01	8.47E-01	1.30E+02	4.27E-04	1.30E+02	1.31E+02	1.51E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MWN410	2.28E-02	3.21E+00	-3.63E-02	3.25E+00	2.41E-06	0.00E+00	2.52E+03	9.84E-05	1.94E-03	2.09E-02	3.49E-03	4.37E+00	2.65E-08	1.23E-07	9.20E+00	2.06E-01	4.72E-03	1.82E-01	3.38E-02	4.91E-01	1.38E+02	3.58E+00	4.92E-07	1.45E-07	7.81E-03	2.15E-04	6.06E-01	8.19E-01	1.41E+02	4.02E-04	1.41E+02	1.43E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MWN416	1.71E-02	2.57E+00	-3.92E-02	2.61E+00	2.41E-06	0.00E+00	2.23E+03	9.23E-05	1.62E-03	1.74E-02	3.13E-03	4.30E+00	2.44E-08	1.12E-07	8.63E+00	2.01E-01	4.24E-03	1.40E-01	2.75E-02	2.89E-01	1.00E+02	3.26E+00	3.20E-07	1.12E-07	6.36E-03	1.21E-04	4.51E-01	7.81E-01	1.04E+02	2.43E-04	1.04E+02	1.05E+02	1.23E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MWN420	2.51E-02	3.26E+00	-3.43E-02	3.30E+00	2.41E-06	0.00E+00	2.53E+03	9.85E-05	2.00E-03	2.15E-02	3.59E-03	5.84E+00	2.79E-08	1.50E-07	1.24E+01	2.06E-01	4.86E-03	1.82E-01	3.65E-02	5.12E-01	1.38E+02	3.59E+00	5.02E-07	1.59E-07	8.14E-03	2.19E-04	6.51E-01	8.30E-01	1.42E+02	4.17E-04	1.42E+02	1.43E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MWN425	2.72E-02	3.30E+00	-3.31E-02	3.33E+00	2.41E-06	0.00E+00	2.53E+03	9.83E-05	2.04E-03	2.20E-02	3.69E-03	7.24E+00	2.93E-08	1.75E-07	1.54E+01	2.06E-01	4.99E-03	1.83E-01	3.89E-02	5.12E-01	1.38E+02	3.59E+00	5.10E-07	1.72E-07	8.42E-03	2.18E-04	6.07E-01	8.39E-01	1.42E+02	5.54E-04	1.42E+02	1.43E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MWN432	3.84E-02	3.34E+00	-9.60E-03	3.35E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.33E-03	2.52E-02	4.23E-03	1.39E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.40E-02	6.91E-01	1.25E+02	2.96E+00	5.86E-07	2.42E-07	1.03E-02	2.61E-04	1.46E+00	8.94E-01	1.28E+02	7.99E-03	1.28E+02	1.30E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MWN440	3.85E-02	3.39E+00	-9.17E-03	3.40E+00	2.74E-06	0.00E+00	1.41E+03	5.79E-04	2.35E-03	2.55E-02	4.22E-03	1.40E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.41E-02	6.94E-01	1.26E+02	2.98E+00	6.92E-07	2.43E-07	1.03E-02	2.63E-04	1.47E+00	8.94E-01	1.29E+02	7.83E-03	1.29E+02	1.31E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MWN450	5.04E-02	3.53E+00	1.37E-02	3.52E+00	2.69E-06	0.00E+00	1.39E+03	6.17E-04	2.57E-03	2.82E-02	4.45E-03	2.44E+01	2.88E-08	5.52E-07	5.02E+01	1.80E+00	6.02E-03	1.99E-01	6.98E-02	8.06E-01	1.23E+02	2.95E+00	7.58E-07	3.28E-07	1.18E-02	3.31E-04	2.05E+00	9.16E-01	1.26E+02	8.77E-03	1.26E+02	1.29E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00
MWN463	5.12E-02	3.56E+00	1.40E-02	3.54E+00	2.69E-06	0.00E+00	1.39E+03	6.17E-04	2.58E-03	2.84E-02	4.47E-03	2.46E+01	3.03E-08	5.58E-07	5.09E+01	1.80E+00	6.06E-03	2.00E-01	7.07E-02	8.60E-01	1.24E+02	2.95E+00	7.60E-07	3.39E-07	1.19E-02	3.32E-04	2.12E+00	9.18E-01	1.26E+02	8.77E-03	1.26E+02	1.30E+02	3.04E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+00
MWN510	1.09E-02	1.58E+00	-1.71E-02	1.60E+00	1.51E-06	0.00E+00	1.27E+03	5.51E-05	9.65E-04	1.03E-02	1.68E-03	3.15E+00	1.26E-08	7.16E-08	6.16E+00	1.22E-01	2.24E-03	6.40E-02	1.67E-02	2.05E-01	5.88E+01	1.80E+00	2.34E-07	6.88E-08	3.88E-03	6.40E-05	3.22E-01	3.98E-01	6.03E+01	2.11E-04	6.03E+01	6.11E+01	7.32E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-01
MWN516	9.31E-03	1.21E+00	-1.55E-02	1.25E+00	1.48E-06	0.00E+00	9.96E+02	4.79E-05	8.38E-04	8.92E-03	1.57E-03	2.21E+00	1.28E-08	5.91E-08	4.85E+00	1.10E-01	2.08E-03	6.90E-02	1.49E-02	1.47E-01	4.97E+01	1.58E+00	1.30E-07	6.09E-08	3.20E-03	6.21E-05	2.45E-01	3.66E-01	5.14E+01	1.56E-04	5.14E+01	5.20E+01	6.36E-01	0.00E+00	0.00E+00	0.00E+00	6.28E-01
MWN520	9.91E-03	1.70E+00	-1.51E-02	1.71E+00	1.48E-06	0.00E+00	1.01E+03	4.84E-05	8.65E-04	9.29E-03	1.59E-03	2.95E+00	1.33E-08	7.08E-08	5.95E+00	1.10E-01	2.10E-03	8.11E-02	1.53E-02	1.95E-01	6.25E+01	1.59E+00	1.39E-07	6.42E-08	3.46E-03	8.61E-05	2.65E-01	3.68E-01	6.45E+01	1.63E-04	6.45E+01	6.48E+01	6.50E-01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
MWN532	1.88E-02	1.72E+00	-9.84E-03	1.74E+00	1.66E-06	0.00E+00	9.34E+02	2.89E-04	1.29E-03	1.37E-02	2.09E-03	7.04E+00	3.63E-07	1.91E-07	1.51E+01	7.53E-01	2.83E-03	9.87E-02	2.63E-02	3.27E-01	6.26E+01	1.79E+00	3.01E-07	1.18E-07	5.11E-03	1.30E-04	7.45E-01	5.51E-01	6.41E+01	3.95E-03	6.41E+01	6.57E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MWN540	1.96E-02	1.90E+00	-1.14E-02	1.94E+00	1.60E-06	0.00E+00	9.37E+02	2.90E-04	1.42E-03	1.48E-02	2.11E-03	8.99E+00	3.72E-07	2.02E-07	1.79E+01	7.53E-01	2.86E-03	9.87E-02	2.74E-02	3.50E-01	6.30E+01	2.05E+00	3.55E-07	1.24E-07	5.26E-03	1.39E-04	7.91E-01	5.64E-01	6.43E+01	3.97E-03	6.43E+01	6.59E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MWN602A	3.20E-02	3.32E+00	-2.37E-02	3.32E+00	2.67E-06	0.00E+00	1.93E+03	1.50E-04	2.30E-03	2.47E-02	4.21E-03	4.64E+00	2.83E-08	1.53E-07	9.97E+00	3.79E-01	5.68E-03	1.90E-01	4.17E-02	6.11E-01	1.32E+02	3.00E+00	5.54E-07	2.09E-07	9.97E-03	2.48E-04	9.88E-01	9.09E-01	1.36E+02	7.97E-03	1.36E+02	1.37E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MWN604A	3.23E-02	3.29E+00	-3.11E-02	3.29E+00	2.69E-06	0.00E+00	1.92E+03	1.60E-04	2.34E-03	2.52E-02	4.20E-03	8.07E+00	2.85E-08	1.97E-07	1.80E+01	4.34E-01	5.68E-03	1.90E-01	4.19E-02	6.08E-01	1.34E+02	3.01E+00	7.31E-07	2.13E-07	1.02E-02	2.50E-04	1.07E+00	1.16E+00	1.37E+02	7.94E-03	1.37E+02	1.39E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MWN606A	2.27E-02	3.16E+00	-3.77E-02	3.20E+00	2.40E-06	0.00E+00	2.54E+03	9.28E-05	1.96E-03	2.09E-02	3.48E-03	4.30E+00	2.59E-08	1.25E-07	8.85E+00	1.90E-01	4.71E-03	1.78E-01	3.37E-02	4.67E-01	1.34E+02	3.61E+00	4.95E-07	1.44E-07	7.76E-03	2.13E-04	5.95E-01	8.49E-01	1.38E+02	4.65E-04	1.38E+02	1.39E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MWN610A	2.25E-02	3.15E+00	-3.77E-02	3.19E+00	2.41E-06	0.00E+00	2.54E+03	9.81E-05	1.94E-03	2.09E-02	3.47E-03	4.34E+00	2.66E-08	1.20E-07	9.20E+00	2.06E-01	4.70E-03	1.78E-01	3.37E-02	4.74E-01	1.34E+02	3.60E+00	4.94E-07	1.42E-07	7.73E-03	2.14E-04	6.12E-01	8.48E-01	1.38E+02	4.31E-04	1.38E+02	1.39E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
MWN616A	2.32E-02	2.49E+00	-3.17E-02	2.51E+00	2.41E-06	0.00E+00	2.50E+03	9.54E-05	1.76E-03	1.93E-02	3.49E-03	5.02E+00	2.42E-08	1.31E-07	1.06E+01	2.02E-01	4.73E-03	1.78E-01	3.45E-02	4.73E-01	1.34E+02	2.90E+00	5.04E-07	1.47E-07	7.71E-03	2.13E-04	6.18E-01	7.64E-01	1.38E+02	4.10E-04	1.38E+02	1.39E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
MWN620A	2.57E-02	2.46E+00	-2.68E-02	2.46E+00	2.43E-06	0.00E+00	2.16E+03	1.39E-04	1.62E-03	1.80E-02	3.55E-03	6.67E+00	1.78E-07	1.69E-07	1.43E+01	2.96E-01	4.81E-03	1.78E-01	3.74E-02	5.14E-01	1.32E+02	2.92E+00	5.13E-07	1.64E-07	7.98E-03	2.17E-04	7.37E-01	6.39E-01	1.36E+02	4.39E-04	1.36E+02	1.37E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MWN625A	2.67E-02	2.44E+00	-2.33E-02	2.45E+00	2.43E-06	0.00E+00	1.43E+03	1.43E-04	1.64E-03	1.82E-02	3.67E-03	7.87E+00	1.79E-07	1.86E-07	1.67E+01	3.08E-01	4.96E-03	1.79E-01	3.84E-02	5.12E-01	1.31E+02	2.67E+00	5.20E-07	1.73E-07	8.16E-03	2.16E-04	7.16E-01	6.21E-01	1.35E+02	5.39E-04	1.35E+02	1.37E+02	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MWN640A	3.83E-02	3.29E+00	-1.10E-02	3.30E+00	2.74E-06	0.00E+00	1.40E+03	5.79E-04	2.32E-03	2.51E-02	4.16E-03	1.40E+01	6.38E-07	3.79E-07	2.99E+01	1.51E+00	5.63E-03	1.93E-01	5.33E-02	6.86E-01	1.22E+02	2.93E+00	6.78E-07	2.41E-07	1.02E-02	2.62E-04	1.49E+00	9.22E-01	1.25E+02	7.62E-03	1.25E+02	1.27E+02	2.45E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MWS206A	1.08E-02	1.66E+00	-2.24E-02	1.68E+00	1.49E-06	0.00E+00	1.57E+03	1.08E-04	1.20E-03	1.23E-02	1.69E-03	2.55E+00	3.60E-07	6.92E-08	5.43E+00	2.77E-01	2.28E-03	8.61E-02	1.30E-02	2.54E-01	6.13E+01	2.26E+00	2.53E-07	7.09E-08	3.92E-03	9.28E-05	3.64E-01	6.16E-01	6.37E+01	2.51E-04	6.37E+01	6.54E+01	7.60E-01	0.00E+00	0.00E+00	0.00E+00	5.59E-01
MWS210A	1.13E-02	1.63E+00	-2.17E-02	1.66E+00	1.49E-06	0.00E+00	1.57E+03	1.39E-04	1.22E-03	1.26E-02	1.69E-03	3.65E+00	3.59E-07	1.03E-07	8.16E+00	3.47E-01	2.29E-03	6.47E-02	1.64E-02	2.24E-01	5.65E+01	2.27E+00	2.47E-07	7.57E-08	4.03E-03	5.87E-05	4.40E-01	6.16E-01	5.83E+01	2.58E-04	5.83E+01	5.89E+01	8.78E-01	0.00E+00	0.00E+00	0.00E+00	7.05E-01
MWS216A	9.11E-03	1.17E+00	-1.45E-02	1.19E+00	1.48E-06	0.00E+00	9.94E+02	5.48E-05	7.98E-04	8.35E-03	1.51E-03	2.89E+00	1.50E-07	6.80E-08	5.57E+00	1.22E-01	2.00E-03	6.76E-02	1.45E-02	1.60E-01	4.87E+01	1.66E+00	1.54E-07	5.85E-08	3.10E-03	6.16E-05	3.02E-01	3.63E-01	5.03E+01	1.75E-04	5.03E+01	5.11E+01	6.53E-01	0.00E+00	0.00E+00	0.00E+00	6.12E-01
MWS220A	1.28E-02	1.61E+00	-1.22E-02	1.61E+00	1.50E-06	0.00E+00	1.14E+03	1.01E-04	9.85E-04	1.06E-02	1.64E-03	4.47E+00	1.32E-08	9.90E-08	9.79E+00	3.34E-01	2.18E-03	9.75E-02	1.87E-02	2.56E-01	6.75E+01	1.80E+00	2.59E-07	8.50E-08	4.02E-03	1.12E-04	4.00E-01	3.78E-01	6.83E+01	1.25E-03	6.83E+01	7.03E+01	7.53E-01	0.00E+00	0.00E+00	0.00E+00	7.80E-01
MWS225A	1.59E-02	1.70E+00	-8.45E-03	1.69E+00	1.52E-06	0.00E+00	1.15E+03	1.12E-04	1.15E-03	1.24E-02	1.76E-03	7.08E+00	1.45E-08	1.64E-07	1.57E+01	2.69E-01	2.34E-03	9.20E-02	2.93E-02	2.84E-01	6.36E+01	1.80E+00	2.64E-07	1.16E-07	4.85E-03	1.14E-04	6.84E-01	4.09E-01	6.64E+01	1.62E-03	6.64E+01	6.70E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MWS232A	2.32E-02	1.95E+00	-7.58E-03	2.00E+00	1.57E-06	0.00E+00	9.55E+02	2.47E-04	1.45E-03	1.52E-02	2.12E-03	9.94E+00	1.87E-08	2.21E-07	2.07E+01	7.60E-01	2.87E-03	9.71E-02	3.50E-02	3.82E-01	6.18E+01	2.06E+00	3.22E-07	1.46E-07	5.50E-03	1.44E-04	7.93E-01	6.50E-01	6.34E+01	4.14E-03	6.34E+01	6.51E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MWS240A	2.33E-02	1.95E+00	-7.55E-03	2.00E+00	1.57E-06	0.00E+00	9.55E+02	2.50E-04	1.45E-03	1.52E-02	2.12E-03	1.06E+01	1.89E-08	2.22E-07	2.25E+01	7.60E-01	2.87E-03	9.65E-02	3.50E-02	3.84E-01	6.16E+01	2.06E+00	3.70E-07	1.47E-07	5.52E-03	1.44E-04	7.94E-01	6.52E-01	6.30E+01	4.12E-03	6.30E+01	6.51E+01	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
MWS310A	1.86E-02	2.56E+00	-2.67E-02	2.61E+00	2.31E-06	0.00E+00	1.81E+03	1.80E-04	1.82E-03	1.89E-02	2.51E-03	4.26E+00	4.94E-07	1.11E-07	8.77E+00	3.72E-01	3.39E-03	1.19E-01	2.81E-02	4.03E-01	8.19E+01	3.07E+00	3.76E-07	1.25E-07	6.09E-03	1.64E-04	4.99E-01	6.99E-01	8.38E+01	3.51E-04	8.38E+01	8.28E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
MWS316A	1.91E-02	2.81E+00	-2.64E-02	2.86E+00	2.31E-06	0.00E+00	1.94E+03	1.85E-04	1.82E-03	1.90E-02	2.56E-03	4.23E+00	4.94E-07	1.14E-07	8.94E+00	3.77E-01	3.47E-03	1.31E-01	2.91E-02	4.07E-01	9.20E+01	3.10E+00	3.88E-07	1.29E-07	6.14E-03	1.75E-04	5.08E-01	6.96E-01	9.38E+01	3.76E-04	9.38E+01	9.39E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
MWS320A	2.30E-02	2.53E+00	-1.44E-02	2.53E+00	2.30E-06	0.00E+00	1.25E+03	1.28E-04	1.46E-03	1.61E-02	2.45E-03	5.13E+00	1.89E-08	1.16E-07	1.13E+01	3.77E-01	3.27E-03	1.33E-01	3.62E-02	4.19E-01	9.78E+01	2.68E+00	3.91E-07	1.51E-07	6.42E-03	1.83E-04	5.22E-01	4.84E-01	1.00E+02	2.05E-03	1.00E+02	1.01E+02	1.28E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MWS325A	2.64E-02	2.59E+00	-1.22E-02	2.60E+00	1.96E-06	0.00E+00	1.25E+03	1.23E-04	1.57E-03	1.75E-02	2.74E-03	1.08E+01	2.07E-08	2.25E-07	2.29E+01	2.58E-01	3.71E-03	1.22E-01	3.61E-02	4.23E-01	9.94E+01	2.46E+00	4.05E-07	1.70E-07	7.10E-03	1.73E-04	8.35E-01	4.93E-01	1.01E+02	2.49E-03	1.01E+02	1.02E+02	1.37E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00

MWS332A	3.17E-02	3.45E+00	-4.30E-03	3.45E+00	2.48E-06	0.00E+00	1.09E+03	4.13E-04	2.11E-03	2.29E-02	3.17E-03	1.21E+01	2.54E-08	3.31E-07	2.62E+01	1.20E+00	4.28E-03	1.46E-01	4.53E-02	5.43E-01	9.51E+01	2.72E+00	4.95E-07	2.01E-07	8.70E-03	2.33E-04	1.20E+00	7.74E-01	9.72E+01	7.64E-03	9.72E+01	9.86E+01	2.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00
MWS340A	3.29E-02	3.45E+00	-2.76E-03	3.45E+00	2.48E-06	0.00E+00	1.09E+03	4.15E-04	2.15E-03	2.34E-02	3.17E-03	1.22E+01	2.54E-08	3.36E-07	2.66E+01	1.20E+00	4.29E-03	1.46E-01	4.65E-02	5.64E-01	9.50E+01	2.71E+00	5.92E-07	2.11E-07	9.13E-03	2.38E-04	1.20E+00	7.75E-01	9.73E+01	7.62E-03	9.73E+01	9.87E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
MWS606A	2.52E-02	3.15E+00	-3.74E-02	3.19E+00	2.59E-06	0.00E+00	2.61E+03	2.03E-04	2.06E-03	2.20E-02	3.34E-03	7.58E+00	6.34E-07	1.67E-07	1.62E+01	5.11E-01	4.51E-03	1.80E-01	3.98E-02	5.54E-01	1.23E+02	3.63E+00	7.21E-07	1.69E-07	8.49E-03	2.37E-04	8.45E-01	1.17E+00	1.27E+02	5.15E-04	1.27E+02	1.26E+02	1.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MWS610A	2.52E-02	3.15E+00	-3.78E-02	3.18E+00	2.60E-06	0.00E+00	2.53E+03	1.96E-04	2.09E-03	2.26E-02	3.33E-03	6.11E+00	6.34E-07	1.51E-07	1.33E+01	4.84E-01	4.50E-03	1.80E-01	3.99E-02	5.76E-01	1.23E+02	3.64E+00	7.06E-07	1.69E-07	8.57E-03	2.40E-04	8.48E-01	1.11E+00	1.26E+02	4.79E-04	1.26E+02	1.25E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
MWS616A	2.52E-02	3.16E+00	-2.66E-02	3.19E+00	2.57E-06	0.00E+00	2.54E+03	1.99E-04	2.03E-03	2.20E-02	3.35E-03	5.24E+00	6.34E-07	1.45E-07	1.11E+01	4.65E-01	4.54E-03	1.80E-01	4.05E-02	5.76E-01	1.21E+02	3.61E+00	5.37E-07	1.67E-07	8.26E-03	2.39E-04	8.30E-01	8.39E-01	1.25E+02	4.81E-04	1.25E+02	1.26E+02	1.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
MWS620A	2.53E-02	2.60E+00	-1.81E-02	2.60E+00	2.44E-06	0.00E+00	1.49E+03	1.38E-04	1.68E-03	1.87E-02	3.45E-03	5.82E+00	2.30E-08	1.43E-07	1.29E+01	3.92E-01	4.66E-03	1.75E-01	4.53E-02	5.53E-01	1.25E+02	2.91E+00	5.40E-07	1.68E-07	8.17E-03	2.30E-04	7.51E-01	6.32E-01	1.30E+02	1.59E-03	1.30E+02	1.30E+02	1.61E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00
MWS625A	2.96E-02	2.61E+00	-1.84E-02	2.61E+00	2.40E-06	0.00E+00	1.90E+03	1.23E-04	1.77E-03	1.96E-02	3.71E-03	1.27E+01	2.39E-08	2.69E-07	2.68E+01	2.62E-01	5.02E-03	1.65E-01	4.35E-02	5.30E-01	1.27E+02	2.67E+00	5.59E-07	2.05E-07	8.83E-03	2.30E-04	8.76E-01	6.50E-01	1.31E+02	2.87E-03	1.31E+02	1.33E+02	1.74E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
MWS632A	3.67E-02	3.41E+00	-9.91E-03	3.44E+00	2.70E-06	0.00E+00	1.54E+03	5.78E-04	2.31E-03	2.52E-02	4.21E-03	1.43E+01	3.00E-08	3.85E-07	3.09E+01	1.57E+00	5.68E-03	1.93E-01	5.21E-02	6.25E-01	1.27E+02	2.93E+00	6.26E-07	2.35E-07	1.03E-02	2.58E-04	1.49E+00	1.01E+00	1.30E+02	8.54E-03	1.30E+02	1.32E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MWS640A	3.83E-02	3.55E+00	-1.95E-03	3.55E+00	2.68E-06	0.00E+00	1.41E+03	5.77E-04	2.49E-03	2.71E-02	4.22E-03	1.49E+01	2.97E-08	3.86E-07	3.18E+01	1.60E+00	5.70E-03	1.93E-01	5.47E-02	6.37E-01	1.27E+02	2.93E+00	7.01E-07	2.48E-07	1.08E-02	2.58E-04	1.48E+00	9.21E-01	1.30E+02	8.91E-03	1.30E+02	1.33E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E+00
MX106	6.25E-03	9.59E-01	-1.59E-02	9.82E-01	4.89E-07	0.00E+00	1.11E+03	2.56E-05	5.53E-04	5.87E-03	9.95E-04	1.21E+00	1.37E-08	3.75E-08	2.54E+00	5.34E-02	1.40E-03	5.09E-02	9.25E-03	1.11E-01	3.82E+01	1.02E+00	1.24E-07	4.05E-08	2.11E-03	4.24E-05	1.62E-01	2.59E-01	3.97E+01	1.16E-04	3.97E+01	4.05E+01	3.70E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-01
MX110	7.12E-03	9.83E-01	-1.02E-02	9.96E-01	4.00E-07	0.00E+00	6.95E+02	2.91E-05	6.86E-04	7.03E-03	9.57E-04	1.66E+00	1.38E-08	5.12E-08	3.38E+00	6.39E-02	1.30E-03	5.08E-02	1.08E-02	1.21E-01	3.77E+01	9.47E-01	1.26E-07	4.49E-08	2.69E-03	4.28E-05	1.78E-01	2.27E-01	3.89E+01	1.30E-04	3.89E+01	3.96E+01	4.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-01
MX113	6.63E-03	9.80E-01	-1.08E-02	1.00E+00	4.41E-07	0.00E+00	8.13E+02	2.59E-05	5.81E-04	6.26E-03	9.81E-04	1.45E+00	1.37E-08	4.07E-08	3.13E+00	5.37E-02	1.34E-03	5.06E-02	9.56E-03	1.18E-01	3.81E+01	1.00E+00	1.25E-07	4.29E-08	2.33E-03	4.28E-05	1.53E-01	2.41E-01	3.95E+01	1.13E-04	3.95E+01	4.03E+01	3.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-01
MX116	4.63E-03	6.65E-01	-9.36E-03	6.75E-01	4.38E-07	0.00E+00	5.77E+02	2.35E-05	4.19E-04	4.48E-03	8.17E-04	1.13E+00	7.08E-09	3.08E-08	2.21E+00	5.00E-02	1.10E-03	3.65E-02	7.25E-03	5.88E-02	2.60E+01	8.21E-01	7.98E-08	2.96E-08	1.64E-03	2.00E-05	1.15E-01	1.97E-01	2.69E+01	5.80E-05	2.69E+01	2.71E+01	3.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-01
MX120	7.24E-03	9.81E-01	-1.02E-02	9.97E-01	4.04E-07	0.00E+00	6.95E+02	5.60E-05	6.87E-04	7.10E-03	9.55E-04	1.66E+00	9.47E-08	5.67E-08	3.85E+00	1.06E-01	1.29E-03	5.08E-02	1.09E-02	1.23E-01	3.77E+01	9.47E-01	1.26E-07	4.56E-08	2.71E-03	4.33E-05	1.89E-01	2.27E-01	3.87E+01	1.32E-04	3.87E+01	3.94E+01	4.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-01
MX125	7.39E-03	8.68E-01	-8.97E-03	8.89E-01	2.02E-07	0.00E+00	6.97E+02	2.93E-05	5.49E-04	5.93E-03	9.61E-04	1.82E+00	7.86E-09	4.94E-08	3.84E+00	6.18E-02	1.30E-03	4.97E-02	1.10E-02	1.20E-01	3.71E+01	9.46E-01	1.28E-07	4.68E-08	2.31E-03	4.33E-05	1.73E-01	2.15E-01	3.81E+01	1.34E-04	3.81E+01	3.87E+01	4.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-01
MX132	9.65E-03	9.83E-01	-3.24E-03	9.90E-01	3.74E-07	0.00E+00	3.69E+02	1.53E-04	7.21E-04	7.56E-03	1.06E-03	3.39E+00	1.95E-07	9.75E-08	7.33E+00	4.03E-01	1.44E-03	5.15E-02	1.39E-02	1.73E-01	3.34E+01	7.38E-01	1.45E-07	6.08E-08	3.08E-03	5.39E-05	3.46E-01	2.35E-01	3.42E+01	2.74E-03	3.42E+01	3.47E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-01
MX140	9.91E-03	9.90E-01	-3.36E-03	1.00E+00	3.83E-07	0.00E+00	4.73E+02	1.53E-04	7.22E-04	7.55E-03	1.10E-03	3.43E+00	1.96E-07	9.71E-08	7.40E+00	4.11E-01	1.51E-03	5.15E-02	1.39E-02	1.73E-01	3.41E+01	7.91E-01	1.45E-07	6.18E-08	3.09E-03	5.39E-05	3.46E-01	2.53E-01	3.51E+01	2.81E-03	3.51E+01	3.56E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-01
MX206	1.21E-02	1.65E+00	-2.41E-02	1.69E+00	1.14E-06	0.00E+00	1.57E+03	5.16E-05	1.19E-03	1.24E-02	1.83E-03	2.19E+00	1.80E-08	6.10E-08	4.46E+00	1.05E-01	2.49E-03	9.25E-02	1.35E-02	2.45E-01	7.02E+01	2.23E+00	2.49E-07	7.22E-08	4.16E-03	1.04E-04	2.71E-01	6.18E-01	7.21E+01	2.33E-04	7.21E+01	7.27E+01	6.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MX210	1.29E-02	1.69E+00	-2.37E-02	1.73E+00	1.09E-06	0.00E+00	1.56E+03	5.70E-05	1.20E-03	1.26E-02	1.84E-03	2.39E+00	1.85E-08	7.09E-08	5.19E+00	1.12E-01	2.49E-03	9.33E-02	1.72E-02	2.46E-01	7.01E+01	2.25E+00	2.49E-07	7.68E-08	4.13E-03	1.06E-04	3.05E-01	6.19E-01	7.23E+01	2.38E-04	7.23E+01	7.32E+01	6.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-01
MX213	1.29E-02	1.75E+00	-2.26E-02	1.79E+00	1.09E-06	0.00E+00	1.57E+03	5.78E-05	1.24E-03	1.28E-02	1.85E-03	2.61E+00	1.75E-08	7.57E-08	5.76E+00	1.13E-01	2.50E-03	9.55E-02	1.84E-02	2.58E-01	7.22E+01	2.28E+00	2.52E-07	8.17E-08	4.24E-03	1.07E-04	3.22E-01	6.11E-01	7.41E+01	2.21E-04	7.41E+01	7.49E+01	7.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-01
MX216	1.31E-02	1.75E+00	-2.22E-02	1.79E+00	1.09E-06	0.00E+00	1.57E+03	5.92E-05	1.24E-03	1.29E-02	1.85E-03	2.66E+00	1.75E-08	7.68E-08	5.82E+00	1.14E-01	2.50E-03	9.55E-02	1.89E-02	2.50E-01	7.20E+01	2.28E+00	2.52E-07	8.41E-08	4.25E-03	1.06E-04	3.22E-01	5.59E-01	7.41E+01	2.24E-04	7.41E+01	7.49E+01	7.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-01
MX220	1.35E-02	1.72E+00	-1.74E-02	1.74E+00	1.13E-06	0.00E+00	1.53E+03	5.50E-05	1.18E-03	1.25E-02	1.87E-03	3.17E+00	1.55E-08	8.03E-08	7.81E+00	1.08E-01	2.53E-03	9.55E-02	2.07E-02	2.61E-01	7.20E+01	2.21E+00	2.55E-07	8.89E-08	4.31E-03	1.08E-04	3.24E-01	4.32E-01	7.41E+01	2.42E-04	7.41E+01	7.49E+01	7.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-01
MX225	1.57E-02	1.69E+00	-1.52E-02	1.70E+00	8.71E-07	0.00E+00	1.19E+03	5.36E-05	1.09E-03	1.17E-02	1.86E-03	3.64E+00	1.51E-08	8.79E-08	7.82E+00	1.11E-01	2.45E-03	9.57E-02	2.19E-02	2.88E-01	7.19E+01	1.90E+00	2.58E-07	9.89E-08	4.61E-03	1.09E-04	3.33E-01	3.97E-01	7.38E+01	2.60E-04	7.38E+01	7.48E+01	8.53E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-01
MX232	1.80E-02	1.88E+00	-1.27E-02	1.93E+00	1.21E-06	0.00E+00	9.52E+02	2.70E-04	1.38E-03	1.45E-02	2.11E-03	7.73E+00	3.72E-07	1.90E-07	1.56E+01	6.26E-01	2.86E-03	9.87E-02	2.60E-02	3.40E-01	6.31E+01	2.04E+00	3.08E-07	1.16E-07	5.16E-03	1.33E-04	7.45E-01	5.62E-01	6.51E+01	3.96E-03	6.51E+01	6.63E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MX240	1.93E-02	1.72E+00	-1.10E-02	1.74E+00	1.24E-06	0.00E+00	9.36E+02	2.91E-04	1.30E-03	1.38E-02	2.11E-03	7.04E+00	3.64E-07	1.91E-07	1.52E+01	7.53E-01	2.86E-03	9.87E-02	2.68E-02	3.48E-01	6.28E+01	1.81E+00	3.49E-07	1.21E-07	5.18E-03	1.30E-04	7.33E-01	5.49E-01	6.43E+01	3.97E-03	6.43E+01	6.60E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MX306	1.79E-02	3.00E+00	-3.30E-02	3.06E+00	1.78E-06	0.00E+00	2.06E+03	7.51E-05	1.78E-03	1.86E-02	2.68E-03	2.71E+00	2.38E-08	9.62E-08	5.98E+00	1.56E-01	3.64E-03	1.43E-01	2.62E-02	3.59E-01	1.06E+02	3.15E+00	3.70E-07	1.13E-07	6.16E-03	1.58E-04	4.37E-01	7.09E-01	1.09E+02	3.77E-04	1.09E+02	1.10E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MX310	1.82E-02	3.09E+00	-3.80E-02	3.12E+00	1.93E-06	0.00E+00	2.08E+03	7.71E-05	1.78E-03	1.87E-02	2.72E-03	3.56E+00	2.45E-08	1.05E-07	7.57E+00	1.57E-01	3.68E-03	1.43E-01	2.69E-02	3.70E-01	1.08E+02	3.14E+00	3.80E-07	1.16E-07	6.21E-03	1.61E-04	4.72E-01	7.42E-01	1.10E+02	3.65E-04	1.10E+02	1.12E+02	1.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
MX313	2.02E-02	3.09E+00	-3.24E-02	3.11E+00	1.94E-06	0.00E+00	2.08E+03	7.81E-05	1.80E-03	1.89E-02	2.73E-03	4.19E+00	2.45E-08	1.11E-07	8.73E+00	1.58E-01	3.69E-03	1.43E-01	2.72E-02	3.77E-01	1.08E+02	3.16E+00	3.82E-07	1.28E-07	6.56E-03	1.64E-04	4.72E-01	7.10E-01	1.11E+02	3.67E-04	1.11E+02	1.12E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MX316	2.05E-02	3.09E+00	-3.24E-02	3.12E+00	1.94E-06	0.00E+00	2.08E+03	7.90E-05	1.81E-03	1.90E-02	2.74E-03	4.43E+00	2.46E-08	1.18E-07	8.96E+00	1.58E-01	3.70E-03	1.43E-01	2.77E-02	3.76E-01	1.08E+02	3.15E+00	3.82E-07	1.30E-07	6.61E-03	1.64E-04	4.78E-01	7.11E-01	1.11E+02	3.72E-04	1.11E+02	1.12E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MX320	2.14E-02	3.12E+00	-3.20E-02	3.14E+00	1.91E-06	0.00E+00	2.09E+03	7.85E-05	1.86E-03	1.96E-02	2.84E-03	4.53E+00	2.52E-08	1.21E-07	9.61E+00	1.58E-01	3.86E-03	1.43E-01	2.85E-02	3.97E-01	1.08E+02	3.29E+00	3.85E-07	1.33E-07	6.80E-03	1.65E-04	4.90E-01	7.20E-01	1.11E+02	3.89E-04	1.11E+02	1.12E+02	1.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MX325	2.19E-02	2.51E+00	-2.22E-02	2.55E+00	1.60E-06	0.00E+00	1.33E+03	6.76E-05	1.46E-03	1.62E-02	2.85E-03	5.40E+00	2.13E-08	1.31E-07	1.14E+01	1.46E-01	3.87E-03	1.43E-01	2.92E-02	3.93E-01	1.08E+02	2.62E+00	3.80E-07	1.37E-07	6.65E-03	1.65E-04	4.70E-01	4.87E-01	1.11E+02	4.00E-04	1.11E+02	1.12E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
MX332	2.88E-02	3.17E+00	-9.61E-03	3.19E+00	2.12E-06	0.00E+00	1.07E+03	4.21E-04	1.94E-03	2.07E-02	3.09E-03	1.03E+01	5.01E-07	2.93E-07	2.20E+01	1.10E+00	4.19E-03	1.45E-01	4.06E-02	5.42E-01	9.26E+01	2.66E+00	4.48E-07	1.86E-07	7.89E-03	2.05E-04	1.15E+00	7.61E-01	9.48E+01	6.01E-03	9.48E+01	9.76E+01	1.94E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MX340	3.14E-02	3.22E+00	-7.61E-03	3.24E+00	2.09E-06	0.00E+00	1.07E+03	4.24E-04	2.03E-03	2.19E-02	3.11E-03	1.05E+01	5.02E-07	2.98E-07	2.28E+01	1.11E+00	4.21E-03	1.47E-01	4.29E-02	5.81E-01	9.28E+01	2.71E+00	5.48E-07	1.98E-07	8.47E-03	2.07E-04	1.18E+00	7.61E-01	9.51E+01	6.00E-03	9.51E+01	9.74E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
MX406	2.23E-02	2.51E+00	-2.48E-02	2.53E+00	2.22E-06	0.00E+00	1.44E+03	7.65E-05	1.61E-03	1.79E-02	3.32E-03	3.24E+00	2.15E-08	1.15E-07	7.17E+00	1.74E-01	4.51E-03	1.47E-01	3.40E-02	4.71E-01	1.08E+02	2.74E+00	4.75E-07	1.39E-07	7.65E-03	2.09E-04	5.44E-01	6.13E-01	1.12E+02	3.93E-04	1.12E+02	1.12E+02	1.39E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MX410	2.23E-02	2.52E+00	-2.49E-02	2.53E+00	2.19E-06	0.00E+00	1.41E+03	8.15E-05	1.60E-03	1.79E-02	3.33E-03	4.48E+00	2.17E-08	1.19E-07	9.23E+00	1.80E-01	4.53E-03	1.48E-01	3.46E-02	4.77E-01	1.10E+02	2.73E+00	4.81E-07	1.39E-07	7.58E-03	2.10E-04	5.47E-01	6.13E-01	1.13E+02	3.96E-04	1.13E+02	1.13E+02	1.38E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MX416	2.46E-02	3.22E+00	-4.12E-02	3.26E+00	2.17E-06	0.00E+00	2.23E+03	9.68E-05	2.11E-03	2.27E-02	3.74E-03	6.46E+00	2.75E-08	1.61E-07	1.37E+01	1.99E-01	5.08E-03	1.48E-01	3.77E-02	5.01E-01	1.11E+02	3.45E+00	5.37E-07	1.62E-07	8.78E-03	2.21E-04	6.45E-01	9.82E-01	1.15E+02	5.17E-04	1.15E+02	1.15E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MX425	2.88E-02	2.52E+00	-2.42E-02	2.55E+00	2.07E-06	0.00E+00	1.34E+03	2.82E-04	1.73E-03	1.93E-02	3.91E-03	8.72E+00	2.41E-08	2.17E-07	1.94E+01	7.69E-01	5.29E-03	1.48E-01	4.15E-02	5.19E-01	1.11E+02	2.66E+00	5.13E-07	1.79E-07	8.83E-03	2.30E-04	7.79E-01	6.21E-01	1.14E+02	1.86E-03	1.14E+02	1.15E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MX432	3.60E-02	3.30E+00	-1.90E-02	3.34E+00	2.54E-06	0.00E+00	1.12E+03	5.55E-04	2.32E-03	2.53E-02	4.23E-03	1.24E+01	5.91E-07	3.64E-07	2.73E+01	1.44E+00	5.71E-03	1.50E-01	5.07E-02	6.70E-01	9.79E+01	2.85E+00	6.31E-07	2.31E-07	1.04E-02	2.63E-04	1.43E+00	1.02E+00	9.99E+01	7.20E-03	9.99E+01	1.02E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E+00
MX440	3.82E-02	3.38E+00	-1.04E-02	3.36E+00	2.54E-06	0.00E+00	1.11E+03	5.55E-04	2.35E-03	2.55E-02	4.23E-03	1.30E+01	5.92E-07	3.71E-07	2.77E+01	1.44E+00	5.74E-03	1.50E-01	5.29E-02	6.90E-01	9.98E+01	2.88E+00	7.09E-07	2.44E-07	1.04E-02	2.62E-04	1.44E+00	9.21E-01	1.01E+02	7.20E-03	1.01E+02	1.04E+02	2.42E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
MXN106	5.83E-03	8.82E-01	-1.08E-02	9.14E-01	9.54E-07	0.00E+00	7.89E+02	2.53E-05	5.24E-04	5.54E-03	9.38E-04	1.18E+00	1.37E-08	3.17E-08	2.26E+00	5.38E-02	1.28E-03	4.78E-02	8.59E-03	1.13E-01	3.74E+01	9.94E-01	1.24E-07	3.90E-08	2.00E-03	4.53E-05	1.50E-01	2.38E-01	3.88E+01	9.92E-05	3.88E+01	3.95E+01	3.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-01
MXN110	5.83E-03	8.79E-01	-1.08E-02	9.12E-01	9.33E-07	0.00E+00	7.81E+02	2.51E-05	5.22E-04	5.53E-03	9.40E-04	1.15E+00	1.36E-08	3.17E-08	2.26E+00	5.37E-02	1.28E-03	4.73E-02	8.70E-03	1.14E-01	3.67E+01	9.76E-01	1.24E-07	3.75E-08	2.01E-03	4.55E-05	1.51E-01	2.38E-01	3.77E+01	9.93E-05	3.77E+01	3.83E+01	3.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-01
MXN116	6.09E-03	8.77E-01	-9.85E-03	8.81E-01	9.10E-07	0.00E+00	6.61E+02	2.50E-05	5.25E-04	5.60E-03	8.95E-04	1.37E+00	1.30E-08	3.56E-08	2.84E+00	5.38E-02	1.21E-03	4.79E-02	9.09E-03	1.17E-01	3.57E+01	9.22E-01	1.24E-07	4.02E-08	2.02E-03	4.54E-05	1.56E-01	2.17E-01	3.68E+01	1.02E-04	3.68E+01	3.69E+01	3.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-01
MXN150	1.29E-02	1.03E+00	4.45E-03	1.03E+00	1.02E-06	0.00E+00	4.74E+02	1.62E-04	7.74E-04	8.29E-03	1.14E-03	5.57E+00	1.42E-08	1.30E-07	1.15E+01	4.96E-01	1.56E-03	5.25E-02	1.81E-02	2.07E-01	3.41E+01	7.96E-01	1.90E-07	8.37E-08	3.29E-03	7.57E-05	5.26E-01	2.57E-01	3.58E+01	2.03E-03	3.58E+01	3.65E+01	7.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-01
MXN163	1.29E-02	1.03E+00	4.73E-03	1.03E+00	1.02E-06	0.00E+00	4.73E+02	1.79E-04	7.72E-04	8.29E-03	1.17E-03	6.30E+00	1.41E-08	1.44E-07	1.33E+01	5.51E-01	1.62E-03	5.23E-02	1.83E-02	2.11E-01	3.41E+01	7.96E-01	1.90E-07	8.56E-08	3.29E-03	7.56E-05	5.67E-01	2.76E-01	3.59E+01	2.03E-03	3.59E+01	3.65E+01	7.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-01
MXN210	1.13E-02	1.64E+00	-2.26E-02	1.69E+00	1.46E-06	0.00E+00	1.51E+03	5.72E-05	1.17E-03	1.21E-02	1.75E-03	2.34E+00	1.68E-08	7.01E-08	5.19E+00	1.13E-01	2.37E-03	9.11E-02	1.66E-02	2.47E-01	6.76E+01	2.20E+00	2.48E-07	7.23E-08	3.94E-03	1.06E-04	3.23E-01	5.58E-01	6.93E+01	2.10E-04	6.93E+01	7.01E+01	7.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-01
MXN216	1.28E-02	1.61E+00	-1.86E-02	1.63E+00	1.50E-06	0.00E+00	1.47E+03	5.32E-05	1.11E-03	1.17E-02	1.76E-03	2.78E+00	1.47E-08	7.63E-08	6.55E+00	1.10E-01	2.38E-03	9.12E-02	1.76E-02	2.49E-01	6.75E+01	2.09E+00	2.51E-07	8.15E-08	4.12E-03	1.08E-04	3.21E-01	4.22E-01	6.92E+01	2.16E-04	6.92E+01	7.01E+01	7.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-01
MXN220	1.35E-02	1.60E+00	-1.48E-02	1.61E+00	1.50E-06	0.00E+00	1.14E+03	5.33E-05	9.96E-04	1.07E-02	1.76E-03	3.24E+00	1.43E-08	8.51E-08	8.25E+00	1.14E-01	2.32E-03	9.12E-02	1.82E-02	2.55E-01	6.72E+01	1.74E+00	2.55E-07	8.68E-08	4.18E-03	1.09E-04	3.44E-01	3.87E-01	6.87E+01	2.27E-04	6.87E+01	6.98E+01	7.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-01
MXN225	1.40E-02	1.65E+00	-1.48E-02	1.65E+00	1.51E-06	0.00E+00	1.15E+03	5.45E-05	1.05E-03	1.14E-02	1.77E-03	3.68E+00	1.48E-08	9.00E-08	8.26E+00	1.15E-01	2.33E-03	9.22E-02	2.00E-02	2.57E-01	6.80E+01	1.75E+00	2.57E-07	9.04E-08	4.30E-03	1.09E-04	3.37E-01	3.97E-01	6.95E+01	2.50E-04	6.95E+01	7.03E+01	8.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-01
MXN232	1.96E-02	1.87E+00	-1.11E-02	1.92E+00	1.59E-06	0.00E+00	9.36E+02	2.90E-04	1.38E-03	1.45E-02	2.11E-03	8.66E+00	3.72E-07	2.02E-07	1.76E+01	7.53E-01	2.86E-03	9.87E-02	2.71E-02	3.47E-01	6.28E+01	2.03E+00	3.12E-07	1.23E-07	5.25E-03	1.36E-04	7.76E-01	5.64E-01	6.41E+01	4.04E-03	6.41E+01	6.58E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MXN240	1.95E-02	1.88E+00	-1.10E-02	1.92E+00	1.59E-06	0.00E+00	9.36E+02	2.90E-04	1.39E-03	1.46E-02	2.11E-03	8.25E+00	3.72E-07	2.01E-07	1.71E+01	7.54E-01	2.86E-03	9.87E-02	2.70E-02	3.49E-01	6.30E+01	2.03E+00	3.52E-07	1.23E-07	5.27E-03	1.36E-04	7.73E-01	5.63E-01	6.43E+01	3.98E-03	6.43E+01	6.59E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MXN250	2.51E-02	1.82E+00	7.00E-03	1.83E+00	1.57E-06	0.00E+00	9.28E+02	2.91E-04	1.41E-03	1.51E-02	2.19E-03	1.16E+01	1.65E-08	2.56E-07	2.41E+01	8.71E-01	2.96E-03	9.90E-02	3.45E-02	3.96E-01	6.18E+01	1.81E+00	3.77E-07	1.64E-07	5.87E-03	1.63E-04	9.64E-01	5.67E-01	6.31E+01	4.32E-03	6.31E+01	6.57E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MXN263	2.52E-02	2.00E+00	7.33E-03	2.04E+00	1.56E-06	0.00E+00	9.50E+02	2.91E-04	1.54E-03	1.63E-02	2.21E-03	1.21E+01	1.92E-08	2.62E-07	2.48E+01	8.78E-01	3.00E-03	9.93E-02	3.75E-02	4.00E-01	6.21E+01	2.05E+00	3.83E-07	1.65E-07	5.91E-03	1.64E-04	1.01E+00	6.64E-01	6.32E+01	4.34E-03	6.32E+01	6.57E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MXN310	1.76E-02	3.08E+00	-3.26E-02	3.09E+00	2.29E-06	0.00E+00	1.94E+03	8.03E-05	1.73E-03	1.80E-02	2.62E-03	3.39E+00	2.33E-08	9.95E-08	7.62E+00	1.68E-01	3.55E-03	1.34E-01	2.57E-02	3.67E-01	1.02E+02	3.06E+00	3.74E-07	1.13E-07	5.91E-03	1.61E-04	4.90E-01	7.00E-01	1.05E+02	3.28E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MXN316	2.49E-02	3.09E+00	-4.07E-02	3.13E+00	2.39E-06	0.00E+00	1.97E+03	8.60E-05	1.95E-03	2.06E-02	3.10E-03	5.04E+00	2.47E-08	1.33E-07	1.13E+01	2.06E-01	4.20E-03	1.34E-01	3.41E-02	4.72E-01	1.05E+02	3.32E+00	5.88E-07	1.52E-07	7.60E-03	2.02E-04	5.65E-01	9.73E-01	1.08E+02	3.96E-04	1.08E+02	1.09E+02	1.41E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MXN320	1.92E-02	2.38E+00	-2.40E-02	2.41E+00	2.22E-06	0.00E+00	1.33E+03	7.06E-05	1.38E-03	1.52E-02	2.68E-03	4.62E+00	1.99E-08	1.19E-07	1.00E+01	1.59E-01	3.63E-03	1.32E-01	2.71E-02	3.82E-01	1.03E+02	2.48E+00	3.68E-07	1.22E-07	6.09E-03	1.64E-04	4.89E-01	5.25E-01	1.05E+02	3.55E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MXN325	2.52E-02	3.11E+00	-3.11E-02	3.16E+00	2.18E-06	0.00E+00	1.98E+03	8.61E-05	1.92E-03	2.03E-02	3.10E-03	5.64E+00	2.56E-08	1.33E-07	1.19E+01	1.75E-01	4.21E-03	1.33E-01	3.60E-02	4.85E-01	1.03E+02	3.34E+00	4.03E-07	1.53E-07	7.33E-03	1.98E-04	5.40E-01	7.28E-01	1.06E+02	4.43E-04	1.06E+02	1.07E+02	1.38E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MXN350	3.93E-02	3.50E+00	9.08E-03	3.49E+00	2.52E-06	0.00E+00	1.07E+03	4.46E-04	2.22E-03	2.46E-02	3.30E-03	1.84E+01	2.54E-08	4.09E-07	3.87E+01	1.32E+00	4.47E-03	1.47E-01	5.46E-02	6.45E-01	9.10E+01	2.70E+00	5.91E-07	2.58E-07	1.01E-02	2.49E-04	1.58E+00	7.82E-01	9.29E+01	6.77E-03	9.29E+01	9.52E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+00
MXN363	3.98E-02	3.49E+00	9.29E-03	3.50E+00	2.52E-06	0.00E+00	1.07E+03	4.46E-04	2.22E-03	2.46E-02	3.32E-03	1.86E+01	2.63E-08	4.13E-07	3.92E+01	1.32E+00	4.50E-03	1.47E-01	5.50E-02	6.74E-01	9.11E+01	2.71E+00	5.92E-07	2.64E-07	1.01E-02	2.51E-04	1.62E+00	7.83E-01	9.30E+01	6.78E-03	9.30E+01	9.54E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+00
MXN406	2.49E-02	3.12E+00	-4.48E-02	3.17E+00	2.43E-06	0.00E+00	2.57E+03	9.79E-05	2.27E-03	2.43E-02	3.80E-03	3.86E+00	2.72E-08	1.36E-07	9.22E+00	2.30E-01	5.15E-03	1.70E-01	3.58E-02	5.27E-01	1.27E+02	3.51E+00	6.50E-07	1.70E-07	9.29E-03	2.34E-04	6.94E-01	1.20E+00	1.30E+02	1.30E-03	1.30E+02	1.31E+02	1.60E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
MXN410	2.53E-02	3.24E+00	-4.49E-02	3.27E+00	2.44E-06	0.00E+00	2.58E+03	1.01E-04	2.31E-03	2.49E-02	3.85E-03	6.50E+00	2.77E-08	1.58E-07	1.44E+01	2.37E-01	5.22E-03	1.75E-01	3.60E-02	5.09E-01	1.36E+02	3.51E+00	6.43E-07	1.67E-07	9.46E-03	2.33E-04	6.79E-01	1.20E+00	1.39E+02	1.85E-03	1.39E+02	1.40E+02	1.55E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+00
MXN416	2.51E-02	3.26E+00	-3.44E-02	3.29E+00	2.40E-06	0.00E+00	2.50E+03	1.02E-04	1.96E-03	2.11E-02	3.57E-03	6.19E+00	2.77E-08	1.49E-07	1.32E+01	2.07E-01	4.84E-03	1.78E-01	3.60E-02	5.04E-01	1.34E+02	3.49E+00	4.59E-07	1.62E-07	8.15E-03	2.17E-04	6.53E-01	8.51E-01	1.37E+02	4.43E-04	1.37E+02	1.39E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MXN420	2.53E-02	2.49E+00	-2.71E-02	2.51E+00	2.38E-06	0.00E+00	2.46E+03	9.56E-05	1.79E-03	1.96E-02	3.60E-03	6.54E+00	2.39E-08	1.62E-07	1.34E+01	2.07E-01	4.86E-03	1.79E-01	3.73E-02	5.12E-01	1.34E+02	2.83E+00	4.76E-07	1.62E-07	8.05E-03	2.14E-04	6.72E-01	6.40E-01	1.37E+02	4.23E-04	1.37E+02	1.39E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
MXN425	2.90E-02	2.45E+00	-2.32E-02	2.47E+00	2.39E-06	0.00E+00	1.46E+03	2.59E-04	1.67E-03	1.86E-02	3.69E-03	9.03E+00	2.42E-08	2.30E-07	1.93E+01	5.18E-01	5.00E-03	1.80E-01	4.02E-02	5.17E-01	1.34E+02	2.60E+00	5.02E-07	1.80E-07	8.70E-03	2.16E-04	7.78E-01	6.39E-01	1.37E+02	5.21E-04	1.37E+02	1.39E+02	1.49E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
MXN432	3.81E-02	2.48E+00	-7.77E-03	2.46E+00	2.56E-06	0.00E+00	8.93E+02	4.57E-04	1.83E-03	2.05E-02	4.09E-03	1.35E+01	4.54E-07	3.62E-07	2.94E+01	1.28E+00	5.54E-03	1.83E-01	5.07E-02	6.31E-01	1.21E+02	2.19E+00	5.83E-07	2.38E-07	9.21E-03	2.60E-04	1.34E+00	6.50E-01	1.24E+02	5.25E-03	1.24E+02	1.27E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+00
MXN440	3.82E-02	3.40E+00	-1.08E-02	3.36E+00	2.77E-06	0.00E+00	1.41E+03	5.69E-04	2.35E-03	2.55E-02	4.23E-03	1.41E+01	5.61E-07	3.83E-07	2.95E+01	1.47E+00	5.74E-03	1.94E-01	5.40E-02	6.90E-01	1.23E+02	2.93E+00	7.16E-07	2.44E-07	1.04E-02	2.63E-04	1.49E+00	9.19E-01	1.25E+02	5.43E-03	1.25E+02	1.29E+02	2.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
MXN450	3.91E-02	2.59E+00	1.17E-02	2.54E+00	2.67E-06	0.00E+00	8.26E+02	6.04E-04	1.94E-03	2.20E-02	4.37E-03	2.17E+01	2.31E-08	4.18E-07	4.47E+01	1.70E+00	5.95E-03	1.96E-01	5.42E-02	6.51E-01	1.19E+02	2.14E+00	6.74E-07	2.68E-07	1.01E-02	2.58E-04	1.68E+00	6.55E-01	1.22E+02	6.30E-03	1.22E+02	1.26E+02	2.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MXN463	5.17E-02	3.55E+00	1.24E-02	3.50E+00	2.72E-06	0.00E+00	1.39E+03	6.04E-04	2.58E-03	2.85E-02	4.47E-03	2.42E+01	3.18E-08	5.56E-07	4.93E+01	1.75E+00	6.06E-03	1.97E-01	7.01E-02	8.26E-01	1.21E+02	2.91E+00	7.93E-07	3.32E-07	1.20E-02	3.28E-04	2.02E+00	9.34E-01	1.22E+02	6.65E-03	1.22E+02	1.27E+02	2.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
MY101	8.35E-03	8.77E-01	-8.14E-03	8.96E-01	3.50E-07	0.00E+00	4.32E+02	4.45E-05	5.62E-04	6.00E-03	1.04E-03	1.93E+00	1.09E-08	6.88E-08	4.51E+00	1.27E-01	1.42E-03	5.03E-02	1.18E-02	1.75E-01	3.71E+01	8.23E-01	1.42E-07	5.09E-08	2.48E-03	5.84E-05	2.82E-01	2.22E-01	3.83E+01	2.79E-03	3.83E+01	3.91E+01	5.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-01
MY101E	9.71E-03	1.15E+00	-8.44E-03	1.18E+00	1.73E-07	0.00E+00	7.85E+02	4.69E-05	9.99E-04	1.03E-02	1.03E-03	2.07E+00	2.97E-08	8.37E-08	4.45E+00	1.06E-01	1.40E-03	4.52E-02	1.19E-02	2.01E-01	3.75E+01	1.31E+00	1.47E-07	6.22E-08	3.42E-03	6.19E-05	4.48E-01	2.40E-01	3.87E+01	1.51E-04	3.87E+01	3.92E+01	6.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-01
MY102	8.38E-03	9.97E-01	-8.99E-03	1.01E+00	3.66E-07	0.00E+00	4.10E+02	4.75E-05	7.01E-04	7.20E-03	1.07E-03	2.03E+00	1.61E-08	6.83E-08	4.61E+00	1.36E-01	1.44E-03	5.11E-02	1.19E-02	1.84E-01	3.73E+01	8.24E-01	1.41E-07	5.16E-08	2.95E-03	5.69E-05	2.85E-01	2.34E-01	3.85E+01	2.91E-03	3.85E+01	3.94E+01	5.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-01
MY102E	9.22E-03	1.14E+00	-8.63E-03	1.17E+00	1.73E-07	0.00E+00	7.49E+02	4.67E-05	1.00E-03	1.03E-02	1.01E-03	1.97E+00	2.44E-08	8.34E-08	3.82E+00	1.05E-01	1.36E-03	4.52E-02	1.18E-02	2.02E-01	3.81E+01	1.31E+00	1.47E-07	6.02E-08	3.42E-03	6.02E-05	4.39E-01	2.31E-01	3.90E+01	1.56E-04	3.90E+01	3.97E+01	6.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01
MY103	8.31E-03	8.77E-01	-8.57E-03	8.95E-01	3.53E-07	0.00E+00	4.12E+02	4.56E-05	5.62E-04	6.00E-03	1.05E-03	1.97E+00	9.74E-09	6.60E-08	4.38E+00	1.33E-01	1.42E-03	5.10E-02	1.19E-02	1.77E-01	3.70E+01	8.23E-01	1.41E-07	5.09E-08	2.48E-03	5.59E-05	2.80E-01	2.29E-01	3.83E+01	2.79E-03	3.83E+01	3.88E+01	5.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-01
MY103E	9.76E-03	1.22E+00	-8.91E-03	1.22E+00	1.70E-07	0.00E+00	7.39E+02	4.84E-05	1.07E-03	1.12E-02	1.05E-03	2.10E+00	2.49E-08	8.35E-08	4.51E+00	1.07E-01	1.43E-03	4.58E-02	1.21E-02	2.26E-01	3.88E+01	1.30E+00	1.47E-07	6.30E-08	3.84E-03	6.60E-05	4.65E-01	2.47E-01	3.95E+01	1.53E-04	3.95E+01	3.99E+01	7.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MY104	8.34E-03	9.97E-01	-8.90E-03	1.01E+00	3.66E-07	0.00E+00	4.09E+02	4.50E-05	7.03E-04	7.19E-03	1.08E-03	2.05E+00	1.63E-08	6.51E-08	4.50E+00	1.30E-01	1.46E-03	5.11E-02	1.18E-02	1.84E-01	3.74E+01	8.24E-01	1.42E-07	5.16E-08	2.94E-03	5.59E-05	2.77E-01	2.34E-01	3.84E+01	2.92E-03	3.84E+01	3.95E+01	5.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-01
MY104E	9.77E-03	1.22E+00	-8.86E-03	1.22E+00	1.70E-07	0.00E+00	7.39E+02	4.81E-05	1.07E-03	1.12E-02	1.05E-03	2.09E+00	2.55E-08	8.29E-08	4.48E+00	1.07E-01	1.42E-03	4.56E-02	1.20E-02	2.23E-01	3.87E+01	1.30E+00	1.47E-07	6.31E-08	3.83E-03	6.61E-05	4.59E-01	2.45E-01	3.96E+01	1.50E-04	3.96E+01	4.01E+01	7.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-01
MY106	6.26E-03	9.79E-01	-1.60E-02	1.02E+00	4.80E-07	0.00E+00	1.35E+03	2.56E-05	7.66E-04	7.77E-03	9.96E-04	1.19E+00	1.40E-08	3.73E-08	2.60E+00	5.33E-02	1.40E-03	5.08E-02	9.23E-03	1.09E-01	3.83E+01	1.44E+00	1.24E-07	4.03E-08	2.16E-03	4.22E-05	1.62E-01	2.59E-01	3.98E+01	1.19E-04	3.98E+01	4.03E+01	3.70E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-01
MY106E	6.40E-03	8.67E-01	-9.64E-03	8.76E-01	4.19E-07	0.00E+00	6.92E+02	2.57E-05	5.16E-04	5.59E-03	9.19E-04	1.38E+00	7.15E-09	4.75E-08	3.08E+00	5.49E-02	1.25E-03	4.98E-02	9.64E-03	1.11E-01	3.70E+01	9.49E-01	1.25E-07	4.14E-08	2.11E-03	4.16E-05	1.60E-01	2.09E-01	3.81E+01	1.25E-04	3.81E+01	3.85E+01	3.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-01
MY106P	9.58E-03	1.17E+00	-9.76E-03	1.15E+00	2.47E-07	0.00E+00	6.97E+02	4.98E-05	1.02E-03	1.06E-02	1.10E-03	2.14E+00	1.74E-08	7.27E-08	4.42E+00	1.07E-01	1.49E-03	5.19E-02	1.17E-02	1.99E-01	3.78E+01	1.29E+00	1.53E-07	6.05E-08	3.60E-03	7.07E-05	4.37E-01	2.51E-01	3.86E+01	2.53E-04	3.86E+01	3.97E+01	7.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-01
MY110	6.28E-03	9.49E-01	-1.56E-02	9.75E-01	4.41E-07	0.00E+00	8.12E+02	2.57E-05	5.39E-04	5.79E-03	9.83E-04	1.23E+00	1.36E-08	3.56E-08	2.48E+00	5.31E-02	1.39E-03	5.04E-02	8.98E-03	1.14E-01	3.78E+01	1.00E+00	1.25E-07	4.10E-08	2.08E-03	4.23E-05	1.49E-01	2.58E-01	3.91E+01	1.06E-04	3.91E+01	3.98E+01	3.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-01
MY110E	5.39E-03	7.66E-01	-1.13E-02	7.76E-01	1.38E-07	0.00E+00	7.86E+02	2.64E-05	5.63E-04	6.17E-03	8.27E-04	1.11E+00	8.21E-09	3.04E-08	2.18E+00	5.26E-02	1.12E-03	3.84E-02	6.87E-03	1.05E-01	3.06E+01	1.03E+00	1.11E-07	3.54E-08	2.00E-03	5.96E-05	1.91E-01	2.20E-01	3.11E+01	8.02E-05	3.11E+01	3.25E+01	4.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MY110P	5.41E-03	7.87E-01	-1.13E-02	7.96E-01	1.38E-07	0.00E+00	7.84E+02	2.64E-05	5.66E-04	6.18E-03	8.28E-04	1.11E+00	8.84E-09	3.04E-08	2.18E+00	5.30E-02	1.12E-03	3.85E-02	6.87E-03	1.05E-01	3.07E+01	1.03E+00	1.11E-07	3.54E-08	2.00E-03	6.01E-05	1.93E-01	2.24E-01	3.12E+01	8.02E-05	3.12E+01	3.28E+01	4.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01

MY113	6.61E-03	9.81E-01	-1.07E-02	1.01E+00	4.41E-07	0.00E+00	8.13E+02	2.59E-05	5.81E-04	6.26E-03	9.80E-04	1.50E+00	1.37E-08	4.04E-08	3.11E+00	5.37E-02	1.34E-03	5.06E-02	9.54E-03	1.19E-01	3.81E+01	1.00E+00	1.25E-07	4.31E-08	2.33E-03	4.30E-05	1.54E-01	2.41E-01	3.95E+01	1.13E-04	3.95E+01	4.03E+01	3.88E-01	0.00E+00	0.00E+00	0.00E+00	4.08E-01
MY116	6.33E-03	9.20E-01	-1.02E-02	9.37E-01	3.98E-07	0.00E+00	6.93E+02	2.54E-05	5.41E-04	5.81E-03	9.09E-04	1.37E+00	1.30E-08	3.81E-08	2.87E+00	5.21E-02	1.23E-03	5.05E-02	9.15E-03	1.14E-01	3.68E+01	9.47E-01	1.25E-07	4.14E-08	2.10E-03	4.23E-05	1.48E-01	2.18E-01	3.79E+01	1.07E-04	3.79E+01	3.84E+01	3.70E-01	0.00E+00	0.00E+00	0.00E+00	3.95E-01
MY116E	4.61E-03	6.65E-01	-9.38E-03	6.75E-01	3.47E-07	0.00E+00	5.77E+02	2.34E-05	4.19E-04	4.49E-03	8.18E-04	1.10E+00	7.04E-09	2.94E-08	2.20E+00	5.00E-02	1.10E-03	3.65E-02	7.06E-03	5.78E-02	2.60E+01	8.20E-01	7.97E-08	2.96E-08	1.65E-03	1.94E-05	1.11E-01	1.97E-01	2.68E+01	5.80E-05	2.68E+01	2.70E+01	3.04E-01	0.00E+00	0.00E+00	0.00E+00	3.01E-01
MY116P	5.38E-03	7.64E-01	-1.14E-02	7.72E-01	1.26E-07	0.00E+00	7.86E+02	2.64E-05	5.66E-04	6.20E-03	8.25E-04	1.11E+00	8.11E-09	3.04E-08	2.18E+00	5.26E-02	1.12E-03	3.87E-02	6.93E-03	1.04E-01	3.03E+01	1.03E+00	1.10E-07	3.55E-08	2.00E-03	6.00E-05	1.89E-01	2.20E-01	3.10E+01	7.99E-05	3.10E+01	3.22E+01	4.03E-01	0.00E+00	0.00E+00	0.00E+00	2.92E-01
MY120	6.67E-03	8.69E-01	-9.17E-03	8.82E-01	3.78E-07	0.00E+00	6.92E+02	4.66E-05	5.17E-04	5.62E-03	9.29E-04	1.60E+00	9.18E-08	4.52E-08	3.63E+00	8.45E-02	1.25E-03	4.96E-02	9.74E-03	1.17E-01	3.69E+01	9.48E-01	1.25E-07	4.27E-08	2.10E-03	4.25E-05	1.55E-01	2.11E-01	3.79E+01	1.12E-04	3.79E+01	3.84E+01	3.77E-01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
MY120E	5.17E-03	6.94E-01	-9.33E-03	7.05E-01	3.02E-07	0.00E+00	5.83E+02	2.36E-05	4.24E-04	4.58E-03	8.24E-04	1.44E+00	7.19E-09	3.53E-08	2.90E+00	4.97E-02	1.11E-03	3.92E-02	8.04E-03	8.34E-02	3.12E+01	8.23E-01	1.13E-07	3.39E-08	1.68E-03	5.11E-05	1.18E-01	1.99E-01	3.18E+01	8.10E-05	3.18E+01	3.29E+01	3.12E-01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
MY120P	5.42E-03	7.98E-01	-1.15E-02	8.02E-01	1.29E-07	0.00E+00	7.84E+02	2.64E-05	5.69E-04	6.21E-03	8.27E-04	1.11E+00	1.10E-08	3.04E-08	2.18E+00	5.30E-02	1.12E-03	3.89E-02	6.87E-03	1.05E-01	3.10E+01	1.02E+00	1.11E-07	3.55E-08	2.01E-03	6.12E-05	1.92E-01	2.24E-01	3.18E+01	8.02E-05	3.18E+01	3.33E+01	4.04E-01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MY125	8.09E-03	8.68E-01	-8.97E-03	8.89E-01	2.02E-07	0.00E+00	6.97E+02	3.16E-05	5.53E-04	5.95E-03	9.65E-04	1.83E+00	7.87E-09	5.12E-08	3.86E+00	6.43E-02	1.31E-03	4.97E-02	1.12E-02	1.21E-01	3.71E+01	9.45E-01	1.33E-07	5.07E-08	2.35E-03	4.41E-05	1.86E-01	2.15E-01	3.81E+01	1.35E-04	3.81E+01	3.87E+01	4.41E-01	0.00E+00	0.00E+00	0.00E+00	4.82E-01
MY132	9.65E-03	9.83E-01	-3.24E-03	9.90E-01	3.74E-07	0.00E+00	3.67E+02	1.53E-04	7.21E-04	7.56E-03	1.06E-03	3.39E+00	1.95E-07	9.75E-08	7.33E+00	4.01E-01	1.44E-03	5.16E-02	1.39E-02	1.74E-01	3.28E+01	7.38E-01	1.45E-07	6.08E-08	3.08E-03	5.39E-05	3.49E-01	2.35E-01	3.34E+01	2.74E-03	3.34E+01	3.41E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	5.96E-01
MY132E	9.65E-03	9.83E-01	-3.20E-03	9.90E-01	3.74E-07	0.00E+00	3.67E+02	1.51E-04	7.21E-04	7.56E-03	1.06E-03	3.39E+00	1.76E-07	9.71E-08	7.33E+00	3.97E-01	1.44E-03	5.16E-02	1.39E-02	1.74E-01	3.28E+01	7.38E-01	1.45E-07	6.08E-08	3.09E-03	5.39E-05	3.49E-01	2.35E-01	3.34E+01	2.73E-03	3.34E+01	3.41E+01	5.91E-01	0.00E+00	0.00E+00	0.00E+00	5.95E-01
MY132P	1.18E-02	1.29E+00	-4.34E-03	1.29E+00	3.30E-07	0.00E+00	6.94E+02	1.21E-04	9.60E-04	1.03E-02	1.06E-03	3.60E+00	1.96E-07	1.14E-07	7.35E+00	3.00E-01	1.44E-03	4.47E-02	1.97E-02	2.30E-01	3.70E+01	1.30E+00	1.75E-07	7.40E-08	3.74E-03	6.64E-05	5.27E-01	2.51E-01	3.83E+01	1.71E-04	3.83E+01	3.88E+01	7.49E-01	0.00E+00	0.00E+00	0.00E+00	9.08E-01
MY140	9.84E-03	9.78E-01	-3.22E-03	9.87E-01	3.73E-07	0.00E+00	3.69E+02	1.52E-04	7.19E-04	7.53E-03	1.06E-03	3.37E+00	1.77E-07	9.64E-08	7.29E+00	3.97E-01	1.43E-03	5.16E-02	1.39E-02	1.73E-01	3.33E+01	7.42E-01	1.45E-07	6.15E-08	3.06E-03	5.38E-05	3.47E-01	2.35E-01	3.42E+01	2.73E-03	3.42E+01	3.47E+01	5.93E-01	0.00E+00	0.00E+00	0.00E+00	5.96E-01
MY140E	1.23E-02	1.29E+00	-4.42E-03	1.29E+00	2.75E-07	0.00E+00	6.94E+02	1.26E-04	9.78E-04	1.05E-02	1.06E-03	3.52E+00	1.95E-07	1.14E-07	7.14E+00	3.03E-01	1.43E-03	4.49E-02	1.99E-02	2.30E-01	3.70E+01	1.30E+00	1.77E-07	7.71E-08	3.77E-03	6.58E-05	5.18E-01	2.47E-01	3.84E+01	1.78E-04	3.84E+01	3.88E+01	7.54E-01	0.00E+00	0.00E+00	0.00E+00	9.09E-01
MY140P	1.03E-02	1.12E+00	-3.82E-03	1.16E+00	3.35E-07	0.00E+00	7.24E+02	1.29E-04	8.97E-04	9.58E-03	9.61E-04	3.92E+00	1.95E-07	1.12E-07	7.55E+00	3.25E-01	1.30E-03	4.44E-02	1.98E-02	1.89E-01	3.63E+01	1.30E+00	1.60E-07	6.78E-08	3.12E-03	5.97E-05	4.62E-01	2.36E-01	3.77E+01	1.82E-04	3.77E+01	3.82E+01	6.94E-01	0.00E+00	0.00E+00	0.00E+00	9.04E-01
MY150	1.25E-02	1.03E+00	5.05E-03	1.02E+00	4.36E-07	0.00E+00	3.99E+02	1.68E-04	7.77E-04	8.42E-03	1.10E-03	5.44E+00	1.38E-08	1.27E-07	1.15E+01	4.94E-01	1.48E-03	5.05E-02	1.80E-02	2.04E-01	3.27E+01	7.47E-01	1.93E-07	8.18E-08	3.37E-03	7.63E-05	5.27E-01	2.37E-01	3.43E+01	2.95E-03	3.43E+01	3.47E+01	8.03E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
MY150E	1.36E-02	1.26E+00	-3.33E-04	1.23E+00	6.77E-07	0.00E+00	7.03E+02	1.35E-04	1.01E-03	1.07E-02	1.11E-03	4.98E+00	1.29E-08	1.23E-07	1.03E+01	3.28E-01	1.51E-03	4.44E-02	2.45E-02	2.27E-01	3.53E+01	1.30E+00	2.10E-07	8.83E-08	3.87E-03	7.62E-05	5.36E-01	2.49E-01	3.72E+01	2.81E-04	3.72E+01	3.75E+01	7.91E-01	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MY163	1.27E-02	1.04E+00	5.25E-03	1.04E+00	4.40E-07	0.00E+00	4.00E+02	1.83E-04	7.82E-04	8.52E-03	1.10E-03	6.28E+00	1.37E-08	1.42E-07	1.39E+01	5.48E-01	1.49E-03	5.02E-02	1.82E-02	2.09E-01	3.31E+01	7.46E-01	1.94E-07	8.49E-08	3.36E-03	7.64E-05	5.79E-01	2.38E-01	3.45E+01	2.91E-03	3.45E+01	3.52E+01	8.11E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-01
MY163E	1.50E-02	1.29E+00	-2.85E-04	1.29E+00	6.79E-07	0.00E+00	7.04E+02	1.40E-04	1.03E-03	1.11E-02	1.12E-03	6.36E+00	1.20E-08	1.46E-07	1.26E+01	3.74E-01	1.51E-03	4.43E-02	2.49E-02	2.31E-01	3.56E+01	1.30E+00	2.14E-07	9.59E-08	4.10E-03	7.68E-05	5.77E-01	2.49E-01	3.73E+01	3.30E-04	3.73E+01	3.79E+01	8.15E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MY201	1.59E-02	1.73E+00	-1.48E-02	1.75E+00	1.23E-06	0.00E+00	1.06E+03	6.94E-05	1.26E-03	1.32E-02	2.09E-03	2.26E+00	1.67E-08	7.11E-08	4.89E+00	2.10E-01	2.84E-03	9.76E-02	2.29E-02	3.38E-01	6.93E+01	1.99E+00	2.96E-07	1.01E-07	4.91E-03	1.23E-04	4.45E-01	4.46E-01	7.15E+01	3.86E-03	7.15E+01	7.27E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-01
MY202	1.63E-02	1.76E+00	-1.71E-02	1.80E+00	1.18E-06	0.00E+00	1.06E+03	7.61E-05	1.28E-03	1.34E-02	2.12E-03	2.27E+00	1.73E-08	7.32E-08	4.98E+00	2.30E-01	2.87E-03	9.74E-02	2.32E-02	3.39E-01	6.91E+01	1.98E+00	3.04E-07	1.04E-07	5.02E-03	1.29E-04	4.53E-01	5.61E-01	7.11E+01	3.96E-03	7.11E+01	7.28E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-01
MY202E	1.86E-02	2.20E+00	-1.81E-02	2.17E+00	1.06E-06	0.00E+00	1.51E+03	6.41E-05	1.52E-03	1.62E-02	2.13E-03	2.26E+00	2.52E-08	8.68E-08	4.72E+00	1.34E-01	2.87E-03	8.40E-02	3.25E-02	3.97E-01	6.56E+01	2.60E+00	3.23E-07	1.25E-07	6.20E-03	1.34E-04	6.73E-01	5.52E-01	6.90E+01	2.72E-04	6.90E+01	6.96E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
MY203	1.60E-02	1.71E+00	-9.59E-03	1.73E+00	1.23E-06	0.00E+00	8.09E+02	1.31E-04	1.12E-03	1.20E-02	2.03E-03	4.34E+00	1.81E-08	1.15E-07	9.10E+00	3.22E-01	2.69E-03	9.70E-02	2.38E-02	3.37E-01	6.91E+01	1.73E+00	2.91E-07	1.03E-07	4.87E-03	1.23E-04	5.39E-01	4.30E-01	7.11E+01	3.85E-03	7.11E+01	7.25E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MY203E	1.88E-02	2.20E+00	-1.81E-02	2.17E+00	1.06E-06	0.00E+00	1.52E+03	1.15E-04	1.52E-03	1.63E-02	2.10E-03	4.08E+00	2.52E-08	1.44E-07	8.53E+00	2.44E-01	2.84E-03	8.37E-02	3.32E-02	4.00E-01	6.56E+01	2.60E+00	3.20E-07	1.26E-07	6.20E-03	1.33E-04	7.87E-01	5.52E-01	6.90E+01	2.81E-04	6.90E+01	6.97E+01	1.43E+00	0.00E+00	0.00E+00	0.00E+00	1.42E+00
MY204	1.60E-02	1.71E+00	-1.43E-02	1.73E+00	1.23E-06	0.00E+00	8.10E+02	1.02E-04	1.12E-03	1.20E-02	2.07E-03	4.23E+00	1.74E-08	1.15E-07	8.68E+00	2.74E-01	2.80E-03	9.70E-02	2.37E-02	3.38E-01	6.93E+01	1.73E+00	2.91E-07	1.02E-07	4.87E-03	1.23E-04	5.16E-01	4.44E-01	7.14E+01	3.85E-03	7.14E+01	7.24E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
MY204E	1.87E-02	2.17E+00	-1.09E-02	2.11E+00	1.06E-06	0.00E+00	1.10E+03	9.51E-05	1.35E-03	1.50E-02	1.88E-03	4.24E+00	2.67E-08	1.36E-07	8.49E+00	2.16E-01	2.48E-03	8.36E-02	3.25E-02	3.90E-01	6.53E+01	2.17E+00	3.07E-07	1.25E-07	6.08E-03	1.34E-04	7.27E-01	4.26E-01	6.89E+01	2.81E-04	6.89E+01	6.98E+01	1.40E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
MY206	1.21E-02	1.65E+00	-2.41E-02	1.69E+00	1.14E-06	0.00E+00	1.57E+03	5.16E-05	1.19E-03	1.24E-02	1.83E-03	2.19E+00	1.80E-08	6.10E-08	4.47E+00	1.05E-01	2.49E-03	9.25E-02	1.34E-02	2.43E-01	7.02E+01	2.23E+00	2.48E-07	7.21E-08	4.15E-03	1.04E-04	2.69E-01	6.17E-01	7.21E+01	2.34E-04	7.21E+01	7.27E+01	6.51E-01	0.00E+00	0.00E+00	0.00E+00	5.81E-01
MY206E	9.72E-03	1.55E+00	-2.18E-02	1.58E+00	8.42E-08	0.00E+00	1.67E+03	5.14E-05	1.20E-03	1.29E-02	1.66E-03	2.19E+00	1.62E-08	6.29E-08	4.33E+00	1.04E-01	2.24E-03	6.23E-02	1.18E-02	2.16E-01	4.60E+01	2.22E+00	1.41E-07	6.23E-08	4.03E-03	7.06E-05	3.52E-01	5.24E-01	4.84E+01	1.32E-04	4.84E+01	4.93E+01	7.65E-01	0.00E+00	0.00E+00	0.00E+00	5.08E-01
MY206P	2.08E-02	2.09E+00	-2.31E-02	2.05E+00	8.64E-07	0.00E+00	1.38E+03	6.64E-05	1.61E-03	1.68E-02	2.07E-03	2.28E+00	2.31E-08	7.60E-08	4.62E+00	1.41E-01	2.80E-03	8.52E-02	2.50E-02	3.78E-01	6.50E+01	2.62E+00	3.13E-07	1.45E-07	6.13E-03	1.47E-04	6.91E-01	6.61E-01	6.79E+01	3.49E-03	6.79E+01	6.91E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+00
MY210	1.15E-02	1.64E+00	-2.37E-02	1.69E+00	1.09E-06	0.00E+00	1.55E+03	5.70E-05	1.20E-03	1.25E-02	1.76E-03	2.36E+00	1.68E-08	7.09E-08	5.17E+00	1.12E-01	2.38E-03	9.33E-02	1.68E-02	2.49E-01	6.99E+01	2.25E+00	2.48E-07	6.96E-08	4.06E-03	1.06E-04	3.10E-01	6.10E-01	7.22E+01	2.07E-04	7.22E+01	7.31E+01	6.78E-01	0.00E+00	0.00E+00	0.00E+00	7.27E-01
MY210P	1.09E-02	1.55E+00	-1.57E-02	1.53E+00	5.05E-08	0.00E+00	1.13E+03	5.15E-05	1.10E-03	1.20E-02	1.64E-03	2.18E+00	1.54E-08	5.96E-08	4.33E+00	1.09E-01	2.17E-03	8.15E-02	1.30E-02	2.78E-01	5.13E+01	1.93E+00	1.54E-07	6.76E-08	3.94E-03	1.18E-04	3.82E-01	3.92E-01	5.43E+01	1.62E-04	5.43E+01	5.54E+01	8.26E-01	0.00E+00	0.00E+00	0.00E+00	5.65E-01
MY213	1.29E-02	1.75E+00	-2.35E-02	1.79E+00	1.09E-06	0.00E+00	1.57E+03	5.80E-05	1.25E-03	1.29E-02	1.85E-03	2.61E+00	1.75E-08	7.57E-08	5.76E+00	1.14E-01	2.52E-03	9.55E-02	1.89E-02	2.59E-01	7.22E+01	2.28E+00	2.52E-07	8.39E-08	4.27E-03	1.07E-04	3.28E-01	6.13E-01	7.42E+01	2.23E-04	7.42E+01	7.49E+01	7.68E-01	0.00E+00	0.00E+00	0.00E+00	8.27E-01
MY216	1.27E-02	1.62E+00	-2.02E-02	1.66E+00	1.14E-06	0.00E+00	1.51E+03	5.60E-05	1.14E-03	1.21E-02	1.77E-03	2.65E+00	1.60E-08	7.29E-08	5.74E+00	1.09E-01	2.40E-03	9.33E-02	1.79E-02	2.47E-01	7.00E+01	2.18E+00	2.51E-07	8.11E-08	4.13E-03	1.06E-04	3.05E-01	5.29E-01	7.23E+01	2.15E-04	7.23E+01	7.32E+01	6.89E-01	0.00E+00	0.00E+00	0.00E+00	7.68E-01
MY216P	9.81E-03	1.53E+00	-2.25E-02	1.56E+00	5.53E-08	0.00E+00	1.75E+03	5.88E-05	1.13E-03	1.23E-02	1.64E-03	2.23E+00	1.60E-08	6.43E-08	4.83E+00	1.11E-01	2.23E-03	6.34E-02	1.20E-02	2.12E-01	4.64E+01	2.20E+00	1.38E-07	6.33E-08	4.01E-03	7.24E-05	4.12E-01	5.22E-01	4.86E+01	1.27E-04	4.86E+01	4.94E+01	8.52E-01	0.00E+00	0.00E+00	0.00E+00	5.15E-01
MY220	1.33E-02	1.61E+00	-1.57E-02	1.62E+00	1.13E-06	0.00E+00	1.19E+03	5.08E-05	1.03E-03	1.11E-02	1.76E-03	3.16E+00	1.45E-08	8.08E-08	7.87E+00	1.10E-01	2.33E-03	9.33E-02	1.84E-02	2.57E-01	6.97E+01	1.81E+00	2.55E-07	8.58E-08	4.15E-03	1.09E-04	3.19E-01	3.87E-01	7.20E+01	2.24E-04	7.20E+01	7.31E+01	7.32E-01	0.00E+00	0.00E+00	0.00E+00	7.86E-01
MY220E	1.77E-02	2.01E+00	-1.96E-02	1.98E+00	1.06E-06	0.00E+00	1.53E+03	1.29E-04	1.40E-03	1.49E-02	1.82E-03	4.92E+00	2.33E-07	1.52E-07	1.06E+01	2.85E-01	2.49E-03	8.49E-02	2.23E-02	3.26E-01	6.41E+01	2.41E+00	2.68E-07	1.29E-07	5.44E-03	1.39E-04	7.83E-01	4.64E-01	6.71E+01	3.22E-04	6.71E+01	6.84E+01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-01
MY220P	1.81E-02	2.02E+00	-2.05E-02	1.98E+00	9.51E-07	0.00E+00	1.66E+03	1.30E-04	1.38E-03	1.48E-02	1.88E-03	5.02E+00	2.46E-07	1.53E-07	1.08E+01	2.80E-01	2.55E-03	8.50E-02	2.27E-02	3.28E-01	6.41E+01	2.41E+00	2.69E-07	1.32E-07	5.51E-03	1.38E-04	8.48E-01	5.34E-01	6.72E+01	4.06E-04	6.72E+01	6.84E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-01
MY225	1.43E-02	1.69E+00	-1.52E-02	1.69E+00	8.69E-07	0.00E+00	1.20E+03	5.33E-05	1.07E-03	1.15E-02	1.79E-03	3.64E+00	1.50E-08	8.74E-08	7.82E+00	1.09E-01	2.37E-03	9.59E-02	2.12E-02	2.61E-01	7.18E+01	1.89E+00	2.57E-07	9.18E-08	4.38E-03	1.08E-04	3.22E-01	3.92E-01	7.37E+01	2.51E-04	7.37E+01	7.46E+01	7.66E-01	0.00E+00	0.00E+00	0.00E+00	9.10E-01
MY225E	1.93E-02	2.19E+00	-1.75E-02	2.14E+00	1.07E-06	0.00E+00	1.48E+03	1.62E-04	1.51E-03	1.62E-02	2.07E-03	5.65E+00	2.87E-07	1.93E-07	1.18E+01	3.48E-01	2.79E-03	8.57E-02	2.84E-02	3.95E-01	6.45E+01	2.64E+00	3.10E-07	1.25E-07	6.19E-03	1.28E-04	8.82E-01	4.73E-01	6.83E+01	2.91E-04	6.83E+01	6.93E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MY225P	1.95E-02	2.23E+00	-1.80E-02	2.20E+00	8.80E-07	0.00E+00	1.34E+03	1.71E-04	1.53E-03	1.64E-02	2.17E-03	6.85E+00	3.05E-07	2.00E-07	1.37E+01	3.64E-01	2.94E-03	8.60E-02	2.88E-02	3.94E-01	6.39E+01	2.51E+00	3.29E-07	1.26E-07	6.21E-03	1.40E-04	9.97E-01	5.55E-01	6.78E+01	3.60E-03	6.78E+01	6.88E+01	1.44E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
MY232	1.77E-02	1.74E+00	-1.26E-02	1.76E+00	1.21E-06	0.00E+00	9.52E+02	2.71E-04	1.32E-03	1.40E-02	2.11E-03	7.50E+00	3.72E-07	1.90E-07	1.52E+01	6.23E-01	2.86E-03	9.87E-02	2.58E-02	3.40E-01	6.31E+01	1.89E+00	3.05E-07	1.15E-07	5.16E-03	1.31E-04	7.44E-01	5.57E-01	6.50E+01	3.97E-03	6.50E+01	6.61E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
MY232E	2.08E-02	2.28E+00	-1.34E-02	2.24E+00	1.06E-06	0.00E+00	1.47E+03	1.61E-04	1.52E-03	1.64E-02	2.12E-03	5.87E+00	2.96E-07	2.04E-07	1.24E+01	3.74E-01	2.86E-03	8.64E-02	3.79E-02	4.22E-01	6.64E+01	2.65E+00	3.25E-07	1.37E-07	6.54E-03	1.40E-04	9.20E-01	4.75E-01	6.98E+01	3.03E-04	6.98E+01	7.09E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MY232P	2.08E-02	2.28E+00	-1.47E-02	2.23E+00	9.45E-07	0.00E+00	1.33E+03	1.69E-04	1.51E-03	1.62E-02	2.06E-03	6.21E+00	3.25E-07	2.01E-07	1.31E+01	3.91E-01	2.79E-03	8.62E-02	3.80E-02	4.07E-01	6.60E+01	2.51E+00	3.18E-07	1.37E-07	6.53E-03	1.39E-04	9.69E-01	5.53E-01	6.94E+01	3.57E-03	6.94E+01	7.07E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
MY240	1.93E-02	1.72E+00	-1.10E-02	1.74E+00	1.24E-06	0.00E+00	9.36E+02	2.91E-04	1.30E-03	1.38E-02	2.09E-03	7.04E+00	3.64E-07	1.91E-07	1.52E+01	7.52E-01	2.84E-03	9.87E-02	2.68E-02	3.48E-01	6.28E+01	1.81E+00	3.48E-07	1.21E-07	5.18E-03	1.30E-04	7.33E-01	5.48E-01	6.43E+01	3.93E-03	6.43E+01	6.59E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MY240E	2.31E-02	2.28E+00	-1.26E-02	2.27E+00	1.06E-06	0.00E+00	1.48E+03	2.29E-04	1.52E-03	1.65E-02	2.12E-03	6.38E+00	3.14E-07	2.13E-07	1.42E+01	5.12E-01	2.86E-03	8.67E-02	3.99E-02	4.47E-01	6.64E+01	2.65E+00	4.01E-07	1.47E-07	6.64E-03	1.45E-04	9.54E-01	5.53E-01	6.94E+01	3.62E-04	6.94E+01	7.09E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
MY240P	2.30E-02	2.28E+00	-1.20E-02	2.26E+00	1.01E-06	0.00E+00	1.33E+03	2.37E-04	1.52E-03	1.64E-02	2.09E-03	6.56E+00	3.24E-07	2.19E-07	1.46E+01	5.07E-01	2.83E-03	8.61E-02	4.01E-02	4.38E-01	6.61E+01	2.52E+00	3.99E-07	1.46E-07	6.63E-03	1.45E-04	1.01E+00	5.54E-01	6.94E+01	3.60E-03	6.94E+01	7.09E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MY250	2.31E-02	1.81E+00	6.94E-03	1.81E+00	1.28E-06	0.00E+00	9.41E+02	2.78E-04	1.41E-03	1.53E-02	2.17E-03	1.03E+01	1.57E-08	2.47E-07	2.19E+01	8.25E-01	2.93E-03	9.79E-02	3.38E-02	3.83E-01	6.25E+01	1.82E+00	3.24E-07	1.58E-07	5.81E-03	1.61E-04	9.19E-01	4.67E-01	6.49E+01	4.23E-03	6.49E+01	6.65E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
MY250E	2.58E-02	2.30E+00	-4.93E-03	2.37E+00	1.30E-06	0.00E+00	1.47E+03	2.08E-04	1.57E-03	1.69E-02	2.19E-03	9.42E+00	1.98E-08	2.36E-07	1.89E+01	5.19E-01	2.96E-03	8.35E-02	3.25E-02	4.78E-01	6.71E+01	2.66E+00	3.48E-07	1.71E-07	6.77E-03	1.74E-04	1.03E+00	4.82E-01	7.00E+01	5.23E-04	7.00E+01	7.08E+01	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
MY263	2.54E-02	1.82E+00	7.36E-03	1.83E+00	1.23E-06	0.00E+00	9.40E+02	2.95E-04	1.42E-03	1.54E-02	2.18E-03	1.18E+01	1.66E-08	2.62E-07	2.43E+01	8.60E-01	2.94E-03	9.79E-02	3.77E-02	3.93E-01	6.24E+01	1.81E+00	3.90E-07	1.66E-07	5.82E-03	1.64E-04	9.94E-01	5.58E-01	6.39E+01	4.30E-03	6.39E+01	6.61E+01	1.49E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MY263E	2.86E-02	2.34E+00	-1.23E-03	2.41E+00	1.24E-06	0.00E+00	1.48E+03	2.27E-04	1.58E-03	1.69E-02	2.18E-03	1.08E+01	1.95E-08	2.54E-07	2.14E+01	5.67E-01	2.94E-03	8.41E-02	4.76E-02	4.85E-01	6.72E+01	2.66E+00	4.50E-07	1.83E-07	6.91E-03	1.78E-04	1.07E+00	5.59E-01	6.98E+01	5.98E-04	6.98E+01	7.08E+01	1.60E+00	0.00E+00	0.00E+00	0.00E+00	2.04E+00
MY301	2.54E-02	2.99E+00	-2.04E-02	3.06E+00	2.03E-06	0.00E+00	1.32E+03	8.25E-05	1.93E-03	2.06E-02	3.16E-03	2.37E+00	2.27E-08	8.83E-08	5.23E+00	2.30E-01	4.28E-03	1.46E-01	3.53E-02	5.52E-01	1.04E+02	2.70E+00	3.96E-07	1.60E-07	7.90E-03	2.00E-04	7.55E-01	7.60E-01	1.07E+02	6.50E-03	1.07E+02	1.05E+02	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MY301E	2.64E-02	3.25E+00	-2.25E-02	3.24E+00	6.98E-07	0.00E+00	2.11E+03	7.36E-05	2.32E-03	2.47E-02	3.16E-03	2.31E+00	2.92E-08	9.97E-08	5.05E+00	1.46E-01	4.27E-03	1.27E-01	4.25E-02	6.28E-01	1.01E+02	3.96E+00	4.32E-07	1.75E-07	8.93E-03	2.10E-04	1.02E+00	7.62E-01	1.04E+02	4.19E-04	1.04E+02	1.08E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
MY302	2.56E-02	3.00E+00	-2.09E-02	3.07E+00	2.05E-06	0.00E+00	1.32E+03	1.52E-04	1.92E-03	2.06E-02	3.18E-03	4.63E+00	2.70E-08	1.67E-07	9.72E+00	3.69E-01	4.30E-03	1.46E-01	3.57E-02	5.69E-01	1.04E+02	2.70E+00	4.47E-07	1.62E-07	8.00E-03	2.23E-04	8.18E-01	7.68E-01	1.06E+02	6.49E-03	1.06E+02	1.05E+02	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
MY303	2.55E-02	2.99E+00	-1.92E-02	3.06E+00	2.06E-06	0.00E+00	1.27E+03	1.86E-04	1.88E-03	2.01E-02	3.15E-03	7.65E+00	2.58E-08	1.88E-07	1.59E+01	4.91E-01	4.27E-03	1.46E-01	3.55E-02	5.54E-01	1.04E+02	2.69E+00	3.99E-07	1.57E-07	7.67E-03	1.99E-04	8.60E-01	6.97E-01	1.06E+02	5.91E-03	1.06E+02	1.05E+02	1.81E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MY304	2.55E-02	2.57E+00	-1.88E-02	2.60E+00	2.04E-06	0.00E+00	1.22E+03	1.67E-04	1.67E-03	1.81E-02	3.12E-03	6.92E+00	2.45E-08	1.86E-07	1.47E+01	4.01E-01	4.23E-03	1.46E-01	3.52E-02	5.42E-01	1.04E+02	2.41E+00	3.95E-07	1.55E-07	7.47E-03	1.92E-04	8.47E-01	6.92E-01	1.06E+02	5.87E-03	1.06E+02	1.05E+02	1.79E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
MY306	1.79E-02	3.00E+00	-3.30E-02	3.06E+00	1.78E-06	0.00E+00	2.06E+03	7.51E-05	1.77E-03	1.85E-02	2.68E-03	2.71E+00	2.38E-08	9.62E-08	5.98E+00	1.56E-01	3.64E-03	1.43E-01	2.62E-02	3.59E-01	1.06E+02	3.13E+00	3.70E-07	1.14E-07	6.17E-03	1.58E-04	4.35E-01	7.09E-01	1.09E+02	3.77E-04	1.09E+02	1.10E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
MY306E	1.79E-02	2.46E+00	-2.32E-02	2.48E+00	1.74E-06	0.00E+00	1.35E+03	6.69E-05	1.39E-03	1.52E-02	2.61E-03	2.67E+00	2.08E-08	9.73E-08	5.81E+00	1.46E-01	3.50E-03	1.43E-01	2.66E-02	3.59E-01	1.06E+02	2.61E+00	3.69E-07	1.13E-07	6.11E-03	1.59E-04	4.20E-01	4.82E-01	1.09E+02	3.62E-04	1.09E+02	1.10E+02	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MY306P	2.60E-02	3.11E+00	-2.69E-02	3.14E+00	6.11E-07	0.00E+00	1.62E+03	1.26E-04	2.37E-03	2.57E-02	3.09E-03	4.25E+00	3.17E-08	1.89E-07	9.30E+00	2.60E-01	4.20E-03	1.28E-01	4.09E-02	6.25E-01	9.34E+01	3.27E+00	4.63E-07	1.79E-07	9.32E-03	2.23E-04	1.18E+00	9.05E-01	9.78E+01	4.66E-03	9.78E+01	1.01E+02	2.24E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MY310	1.80E-02	3.09E+00	-3.26E-02	3.11E+00	1.96E-06	0.00E+00	2.08E+03	7.71E-05	1.79E-03	1.88E-02	2.72E-03	3.35E+00	2.41E-08	9.95E-08	7.38E+00	1.57E-01	3.68E-03	1.43E-01	2.63E-02	3.70E-01	1.08E+02	3.16E+00	3.77E-07	1.15E-07	6.20E-03	1.61E-04	4.73E-01	7.10E-01	1.10E+02	3.48E-04	1.10E+02	1.12E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MY310P	1.63E-02	2.32E+00	-1.49E-02	2.32E+00	1.08E-06	0.00E+00	1.19E+03	8.00E-05	1.47E-03	1.61E-02	2.54E-03	2.57E+00	2.10E-08	8.97E-08	5.54E+00	1.70E-01	3.39E-03	1.24E-01	2.19E-02	3.49E-01	9.85E+01	2.64E+00	3.15E-07	1.04E-07	6.03E-03	1.50E-04	5.52E-01	5.00E-01	1.02E+02	2.73E-04	1.02E+02	1.04E+02	1.24E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-01
MY313	2.02E-02	3.09E+00	-3.23E-02	3.11E+00	1.97E-06	0.00E+00	2.08E+03	7.82E-05	1.81E-03	1.90E-02	2.73E-03	4.19E+00	2.45E-08	1.10E-07	8.73E+00	1.58E-01	3.69E-03	1.43E-01	2.73E-02	3.76E-01	1.08E+02	3.18E+00	3.82E-07	1.28E-07	6.52E-03	1.64E-04	4.73E-01	7.10E-01	1.11E+02	3.64E-04	1.11E+02	1.12E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MY316	2.05E-02	3.09E+00	-3.23E-02	3.12E+00	1.97E-06	0.00E+00	2.08E+03	7.90E-05	1.81E-03	1.90E-02	2.81E-03	4.42E+00	2.46E-08	1.18E-07	8.96E+00	1.58E-01	3.80E-03	1.43E-01	2.77E-02	3.78E-01	1.08E+02	3.16E+00	3.82E-07	1.30E-07	6.61E-03	1.64E-04	4.77E-01	7.13E-01	1.11E+02	3.70E-04	1.11E+02	1.12E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
MY316P	1.62E-02	2.35E+00	-2.66E-02	2.38E+00	1.11E-06	0.00E+00	1.87E+03	1.14E-04	1.78E-03	1.85E-02	2.48E-03	5.17E+00	2.28E-08	1.18E-07	1.04E+01	2.13E-01	3.36E-03	1.18E-01	2.16E-02	3.43E-01	8.30E+01	2.98E+00	3.04E-07	1.03E-07	6.09E-03	1.48E-04	7.02E-01	6.99E-01	8.32E+01	2.51E-04	8.32E+01	8.48E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-01
MY320	2.08E-02	3.12E+00	-3.03E-02	3.14E+00	1.93E-06	0.00E+00	2.07E+03	7.61E-05	1.84E-03	1.93E-02	2.80E-03	4.50E+00	2.41E-08	1.18E-07	9.46E+00	1.51E-01	3.80E-03	1.43E-01	2.82E-02	3.84E-01	1.08E+02	3.18E+00	3.84E-07	1.30E-07	6.57E-03	1.65E-04	4.83E-01	6.42E-01	1.11E+02	3.56E-04	1.11E+02	1.12E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
MY320E	2.74E-02	3.16E+00	-3.18E-02	3.20E+00	1.65E-06	0.00E+00	2.06E+03	1.95E-04	2.74E-03	2.90E-02	2.85E-03	7.20E+00	3.08E-07	1.84E-07	1.51E+01	4.22E-01	3.88E-03	1.27E-01	2.90E-02	4.86E-01	9.80E+01	3.33E+00	4.24E-07	1.84E-07	9.25E-03	1.79E-04	1.12E+00	7.42E-01	1.02E+02	4.41E-04	1.02E+02	1.04E+02	1.74E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
MY320P	2.73E-02	3.24E+00	-3.04E-02	3.29E+00	1.54E-06	0.00E+00	2.05E+03	1.92E-04	2.68E-03	2.84E-02	2.81E-03	7.73E+00	3.06E-07	1.89E-07	1.65E+01	4.07E-01	3.82E-03	1.29E-01	2.87E-02	4.85E-01	1.00E+02	3.10E+00	4.27E-07	1.84E-07	9.22E-03	1.78E-04	1.07E+00	7.36E-01	1.04E+02	5.20E-04	1.04E+02	1.05E+02	1.72E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MY325	2.19E-02	2.51E+00	-2.22E-02	2.55E+00	1.60E-06	0.00E+00	1.41E+03	6.76E-05	1.47E-03	1.62E-02	2.87E-03	5.40E+00	2.13E-08	1.31E-07	1.14E+01	1.46E-01	3.89E-03	1.43E-01	2.95E-02	3.95E-01	1.08E+02	2.64E+00	3.80E-07	1.37E-07	6.65E-03	1.65E-04	4.70E-01	5.00E-01	1.11E+02	4.03E-04	1.11E+02	1.12E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+00
MY325E	2.79E-02	3.38E+00	-1.92E-02	3.41E+00	6.24E-07	0.00E+00	2.11E+03	2.25E-04	2.60E-03	2.73E-02	3.09E-03	8.26E+00	4.26E-07	2.30E-07	1.71E+01	4.70E-01	4.18E-03	1.27E-01	3.98E-02	6.08E-01	1.01E+02	3.95E+00	4.46E-07	1.88E-07	9.70E-03	2.11E-04	1.27E+00	7.55E-01	1.05E+02	4.58E-04	1.05E+02	1.09E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MY325P	2.79E-02	3.49E+00	-1.80E-02	3.52E+00	5.20E-07	0.00E+00	1.62E+03	2.37E-04	2.60E-03	2.73E-02	3.09E-03	8.85E+00	4.24E-07	2.31E-07	1.87E+01	4.95E-01	4.18E-03	1.28E-01	4.13E-02	6.38E-01	9.13E+01	3.22E+00	4.40E-07	1.89E-07	9.80E-03	2.16E-04	1.29E+00	7.83E-01	9.42E+01	5.04E-03	9.42E+01	9.72E+01	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+00
MY332	2.87E-02	3.17E+00	-9.61E-03	3.18E+00	2.13E-06	0.00E+00	1.07E+03	4.21E-04	1.95E-03	2.08E-02	3.09E-03	1.03E+01	5.01E-07	2.93E-07	2.20E+01	1.10E+00	4.19E-03	1.45E-01	4.05E-02	5.40E-01	9.26E+01	2.68E+00	4.48E-07	1.84E-07	7.79E-03	2.05E-04	1.14E+00	6.96E-01	9.48E+01	6.01E-03	9.48E+01	9.75E+01	1.94E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
MY332E	2.86E-02	3.16E+00	-9.61E-03	3.17E+00	2.14E-06	0.00E+00	1.07E+03	4.21E-04	1.94E-03	2.07E-02	3.14E-03	1.03E+01	5.01E-07	2.94E-07	2.20E+01	1.10E+00	4.25E-03	1.47E-01	4.08E-02	5.41E-01	9.27E+01	2.70E+00	4.47E-07	1.84E-07	7.82E-03	2.03E-04	1.13E+00	7.21E-01	9.49E+01	6.04E-03	9.49E+01	9.80E+01	1.93E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MY332P	3.44E-02	3.73E+00	-1.34E-02	3.74E+00	4.64E-07	0.00E+00	1.63E+03	3.47E-04	2.61E-03	2.74E-02	3.10E-03	9.84E+00	4.47E-07	3.27E-07	2.10E+01	8.80E-01	4.20E-03	1.29E-01	5.78E-02	6.85E-01	9.29E+01	3.25E+00	5.14E-07	2.23E-07	1.01E-02	2.21E-04	1.43E+00	7.47E-01	9.61E+01	5.02E-03	9.61E+01	9.92E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.48E+00
MY340	3.14E-02	2.51E+00	-7.37E-03	2.52E+00	2.10E-06	0.00E+00	1.05E+03	4.34E-04	1.74E-03	1.91E-02	3.09E-03	1.04E+01	4.79E-07	2.98E-07	2.27E+01	1.13E+00	4.18E-03	1.45E-01	4.28E-02	5.53E-01	9.28E+01	2.17E+00	5.35E-07	1.98E-07	7.79E-03	2.03E-04	1.20E+00	6.94E-01	9.52E+01	5.86E-03	9.52E+01	9.72E+01	1.96E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00
MY340E	3.62E-02	3.76E+00	-1.23E-02	3.80E+00	4.61E-07	0.00E+00	2.10E+03	3.64E-04	2.66E-03	2.79E-02	3.14E-03	1.03E+01	4.52E-07	3.30E-07	2.15E+01	8.84E-01	4.24E-03	1.28E-01	6.30E-02	7.07E-01	1.07E+02	4.01E+00	6.26E-07	2.30E-07	1.05E-02	2.22E-04	1.43E+00	7.18E-01	1.12E+02	5.10E-04	1.12E+02	1.14E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+00
MY350	3.80E-02	3.50E+00	8.90E-03	3.50E+00	2.25E-06	0.00E+00	1.07E+03	4.40E-04	2.21E-03	2.43E-02	3.30E-03	1.81E+01	2.54E-08	4.08E-07	3.82E+01	1.25E+00	4.46E-03	1.39E-01	5.17E-02	6.35E-01	9.14E+01	2.72E+00	5.61E-07	2.52E-07	9.93E-03	2.49E-04	1.57E+00	7.81E-01	9.35E+01	6.76E-03	9.35E+01	9.59E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MY350E	3.80E-02	3.46E+00	9.32E-03	3.47E+00	2.25E-06	0.00E+00	1.07E+03	4.40E-04	2.23E-03	2.45E-02	3.29E-03	1.80E+01	2.54E-08	4.14E-07	3.82E+01	1.25E+00	4.46E-03	1.39E-01	5.16E-02	6.37E-01	9.13E+01	2.71E+00	5.96E-07	2.52E-07	1.02E-02	2.51E-04	1.58E+00	8.97E-01	9.36E+01	6.73E-03	9.36E+01	9.59E+01	2.36E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
MY363	3.97E-02	3.50E+00	9.11E-03	3.50E+00	2.24E-06	0.00E+00	1.07E+03	4.40E-04	2.24E-03	2.46E-02	3.31E-03	1.84E+01	2.53E-08	4.12E-07	3.88E+01	1.25E+00	4.48E-03	1.39E-01	5.40E-02	6.59E-01	9.15E+01	2.72E+00	5.88E-07	2.63E-07	1.00E-02	2.51E-04	1.61E+00	7.77E-01	9.37E+01	6.77E-03	9.37E+01	9.60E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+00
MY363E	4.54E-02	3.94E+00	7.92E-04	4.04E+00	4.62E-07	0.00E+00	2.23E+03	3.33E-04	2.96E-03	3.16E-02	3.30E-03	1.76E+01	3.80E-08	4.36E-07	3.54E+01	8.99E-01	4.47E-03	1.25E-01	8.18E-02	7.66E-01	1.08E+02	3.95E+00	6.84E-07	2.89E-07	1.26E-02	2.77E-04	1.74E+00	7.71E-01	1.11E+02	9.91E-04	1.11E+02	1.14E+02	2.47E+00	0.00E+00	0.00E+00	0.00E+00	3.46E+00
MY410P	2.51E-02	2.41E+00	-1.78E-02	2.44E+00	8.98E-07	0.00E+00	1.28E+03	1.18E-04	1.72E-03	1.89E-02	3.53E-03	5.43E+00	2.61E-08	1.53E-07	1.15E+01	2.25E-01	4.77E-03	1.25E-01	3.55E-02	5.85E-01	1.02E+02	2.69E+00	4.19E-07	1.72E-07	8.40E-03	2.14E-04	7.83E-01	6.05E-01	1.05E+02	4.19E-04	1.05E+02	1.08E+02	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MY416P	2.68E-02	2.42E+00	-1.72E-02	2.45E+00	8.94E-07	0.00E+00	1.26E+03	1.42E-04	1.72E-03	1.90E-02	3.57E-03	6.86E+00	2.72E-08	1.77E-07	1.41E+01	2.75E-01	4.83E-03	1.25E-01	3.67E-02	5.83E-01	1.02E+02	2.66E+00	4.24E-07	1.83E-07	8.44E-03	2.15E-04	8.35E-01	6.05E-01	1.05E+02	4.54E-04	1.05E+02	1.08E+02	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
MY420E	2.48E-02	2.52E+00	-2.46E-02	2.54E+00	2.11E-06	0.00E+00	1.42E+03	9.30E-05	1.69E-03	1.87E-02	3.80E-03	6.71E+00	2.36E-08	1.63E-07	1.40E+01	2.10E-01	5.15E-03	1.48E-01	3.87E-02	5.09E-01	1.11E+02	2.67E+00	4.98E-07	1.65E-07	8.51E-03	2.15E-04	6.52E-01	6.28E-01	1.14E+02	4.90E-04	1.14E+02	1.15E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MY420P	2.86E-02	3.31E+00	-2.32E-02	3.36E+00	5.33E-07	0.00E+00	2.18E+03	1.88E-04	2.74E-03	2.94E-02	3.84E-03	9.81E+00	3.09E-07	2.13E-07	1.98E+01	4.30E-01	5.22E-03	1.31E-01	4.88E-02	6.36E-01	1.04E+02	3.50E+00	4.94E-07	2.04E-07	1.00E-02	2.46E-04	1.11E+00	8.74E-01	1.06E+02	1.60E-03	1.06E+02	1.09E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+00

MY425E	2.91E-02	2.52E+00	-2.45E-02	2.55E+00	2.07E-06	0.00E+00	1.34E+03	2.82E-04	1.74E-03	1.94E-02	3.93E-03	8.72E+00	2.41E-08	2.17E-07	1.95E+01	7.69E-01	5.33E-03	1.48E-01	4.15E-02	5.19E-01	1.11E+02	2.66E+00	5.13E-07	1.80E-07	8.91E-03	2.32E-04	7.88E-01	6.21E-01	1.14E+02	1.98E-03	1.14E+02	1.15E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
MY425P	3.72E-02	3.56E+00	-1.81E-02	3.59E+00	4.87E-07	0.00E+00	1.81E+03	5.33E-04	2.65E-03	2.81E-02	4.04E-03	1.20E+01	4.47E-07	3.55E-07	2.66E+01	1.28E+00	5.46E-03	1.28E-01	5.82E-02	6.81E-01	9.32E+01	3.21E+00	5.76E-07	2.34E-07	1.08E-02	2.60E-04	1.41E+00	9.10E-01	9.62E+01	5.17E-03	9.62E+01	9.96E+01	2.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E+00
MY432E	3.59E-02	3.29E+00	-1.05E-02	3.33E+00	2.54E-06	0.00E+00	1.11E+03	5.55E-04	2.32E-03	2.51E-02	4.23E-03	1.25E+01	5.91E-07	3.58E-07	2.73E+01	1.44E+00	5.71E-03	1.50E-01	5.04E-02	6.69E-01	9.80E+01	2.86E+00	5.91E-07	2.30E-07	1.02E-02	2.61E-04	1.42E+00	9.21E-01	9.99E+01	7.24E-03	9.99E+01	1.02E+02	2.41E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
MY432P	3.75E-02	3.77E+00	-1.46E-02	3.82E+00	4.77E-07	0.00E+00	1.81E+03	5.33E-04	2.64E-03	2.80E-02	4.09E-03	1.21E+01	4.47E-07	3.56E-07	2.68E+01	1.28E+00	5.50E-03	1.29E-01	6.31E-02	7.03E-01	9.42E+01	3.25E+00	6.09E-07	2.37E-07	1.09E-02	2.62E-04	1.44E+00	9.03E-01	9.76E+01	5.19E-03	9.76E+01	1.01E+02	2.37E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+00
MY440E	3.82E-02	3.38E+00	-1.04E-02	3.36E+00	2.53E-06	0.00E+00	1.12E+03	5.55E-04	2.35E-03	2.55E-02	4.23E-03	1.30E+01	5.92E-07	3.71E-07	2.77E+01	1.44E+00	5.74E-03	1.50E-01	5.28E-02	6.89E-01	9.98E+01	2.88E+00	7.06E-07	2.45E-07	1.04E-02	2.62E-04	1.39E+00	9.21E-01	1.01E+02	7.20E-03	1.01E+02	1.04E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
MY440P	5.03E-02	3.87E+00	-1.43E-02	3.85E+00	5.27E-07	0.00E+00	1.81E+03	5.34E-04	2.68E-03	2.85E-02	4.10E-03	1.56E+01	4.49E-07	4.72E-07	3.30E+01	1.30E+00	5.55E-03	1.29E-01	7.16E-02	8.57E-01	9.54E+01	3.26E+00	7.37E-07	3.26E-07	1.14E-02	3.04E-04	1.64E+00	9.04E-01	9.77E+01	5.27E-03	9.77E+01	1.03E+02	2.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E+00
MY450E	5.00E-02	3.49E+00	1.18E-02	3.51E+00	2.50E-06	0.00E+00	1.11E+03	5.84E-04	2.58E-03	2.85E-02	4.35E-03	2.27E+01	2.98E-08	5.30E-07	4.69E+01	1.64E+00	5.90E-03	1.43E-01	6.84E-02	8.10E-01	9.65E+01	2.85E+00	7.34E-07	3.21E-07	1.18E-02	3.25E-04	1.94E+00	9.33E-01	9.89E+01	7.96E-03	9.89E+01	1.02E+02	2.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+00
MY463E	5.09E-02	3.54E+00	1.18E-02	3.51E+00	2.53E-06	0.00E+00	1.11E+03	5.84E-04	2.59E-03	2.85E-02	4.36E-03	2.31E+01	3.10E-08	5.41E-07	4.73E+01	1.64E+00	5.92E-03	1.43E-01	6.87E-02	8.30E-01	9.78E+01	2.86E+00	7.78E-07	3.31E-07	1.19E-02	3.24E-04	1.97E+00	9.34E-01	9.90E+01	7.96E-03	9.90E+01	1.04E+02	2.89E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
MY706P	1.43E-02	1.87E+00	-1.51E-02	1.79E+00	9.36E-07	0.00E+00	1.12E+03	5.95E-05	1.21E-03	1.32E-02	1.71E-03	2.27E+00	1.98E-08	7.28E-08	4.49E+00	1.28E-01	2.28E-03	8.45E-02	1.25E-02	3.12E-01	6.42E+01	2.09E+00	2.80E-07	8.30E-08	4.99E-03	1.41E-04	4.60E-01	3.98E-01	6.68E+01	3.83E-04	6.68E+01	6.85E+01	7.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-01
MY716P	1.51E-02	1.88E+00	-1.35E-02	1.80E+00	9.26E-07	0.00E+00	1.13E+03	1.19E-04	1.18E-03	1.31E-02	1.66E-03	4.20E+00	2.11E-08	1.11E-07	8.21E+00	2.65E-01	2.21E-03	8.50E-02	2.08E-02	3.08E-01	6.40E+01	2.06E+00	2.69E-07	9.18E-08	4.81E-03	1.39E-04	5.43E-01	3.96E-01	6.68E+01	3.56E-04	6.68E+01	6.85E+01	8.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-01
MY720P	1.58E-02	1.89E+00	-1.34E-02	1.82E+00	9.25E-07	0.00E+00	1.13E+03	1.33E-04	1.18E-03	1.32E-02	1.71E-03	5.11E+00	2.41E-07	1.47E-07	1.12E+01	3.07E-01	2.27E-03	8.49E-02	2.16E-02	3.08E-01	6.39E+01	2.09E+00	2.69E-07	9.82E-08	5.00E-03	1.39E-04	7.08E-01	3.97E-01	6.68E+01	3.65E-04	6.68E+01	6.83E+01	8.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-01
MY725P	1.89E-02	2.10E+00	-1.29E-02	2.02E+00	9.49E-07	0.00E+00	1.11E+03	1.65E-04	1.33E-03	1.45E-02	1.86E-03	5.93E+00	3.01E-07	1.80E-07	1.25E+01	3.75E-01	2.46E-03	8.53E-02	2.69E-02	3.78E-01	6.36E+01	2.19E+00	2.83E-07	1.22E-07	5.98E-03	1.27E-04	9.13E-01	4.24E-01	6.69E+01	3.08E-04	6.69E+01	6.90E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
MY732P	2.02E-02	2.21E+00	-1.69E-02	2.20E+00	9.42E-07	0.00E+00	1.63E+03	1.63E-04	1.49E-03	1.58E-02	2.07E-03	6.26E+00	3.09E-07	1.89E-07	1.30E+01	3.87E-01	2.79E-03	8.62E-02	3.74E-02	4.08E-01	6.58E+01	2.63E+00	3.17E-07	1.32E-07	6.23E-03	1.35E-04	9.33E-01	5.53E-01	6.89E+01	3.14E-04	6.89E+01	7.05E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
MY740P	2.30E-02	2.28E+00	-1.15E-02	2.26E+00	1.02E-06	0.00E+00	1.33E+03	2.37E-04	1.52E-03	1.64E-02	2.12E-03	6.56E+00	3.24E-07	2.19E-07	1.46E+01	5.07E-01	2.86E-03	8.60E-02	4.01E-02	4.38E-01	6.61E+01	2.52E+00	3.99E-07	1.46E-07	6.63E-03	1.45E-04	1.01E+00	4.75E-01	6.94E+01	3.62E-03	6.94E+01	7.09E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E+00
MYN106	5.84E-03	8.80E-01	-1.08E-02	9.14E-01	9.54E-07	0.00E+00	7.89E+02	2.53E-05	5.24E-04	5.54E-03	9.38E-04	1.16E+00	1.37E-08	3.14E-08	2.24E+00	5.37E-02	1.28E-03	4.78E-02	8.59E-03	1.11E-01	3.74E+01	9.93E-01	1.24E-07	3.89E-08	2.00E-03	4.52E-05	1.51E-01	2.38E-01	3.88E+01	9.92E-05	3.88E+01	3.94E+01	3.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-01
MYN110	4.69E-03	6.89E-01	-9.49E-03	6.96E-01	8.83E-07	0.00E+00	5.82E+02	2.37E-05	4.22E-04	4.54E-03	8.21E-04	1.08E+00	6.43E-09	2.99E-08	2.20E+00	5.10E-02	1.11E-03	3.72E-02	7.32E-03	6.53E-02	2.76E+01	8.25E-01	9.08E-08	3.01E-08	1.65E-03	2.96E-05	1.12E-01	1.97E-01	2.81E+01	6.57E-05	2.81E+01	2.88E+01	3.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-01
MYN116	4.91E-03	6.91E-01	-9.48E-03	6.99E-01	8.80E-07	0.00E+00	5.81E+02	2.37E-05	4.22E-04	4.53E-03	8.21E-04	1.10E+00	6.39E-09	3.01E-08	2.20E+00	5.11E-02	1.11E-03	3.91E-02	7.64E-03	8.12E-02	3.07E+01	8.26E-01	1.12E-07	3.22E-08	1.65E-03	4.95E-05	1.12E-01	1.97E-01	3.14E+01	7.86E-05	3.14E+01	3.25E+01	3.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-01
MYN120	5.11E-03	6.92E-01	-9.36E-03	7.05E-01	8.35E-07	0.00E+00	5.82E+02	2.36E-05	4.24E-04	4.58E-03	8.74E-04	1.43E+00	6.51E-09	3.54E-08	2.90E+00	5.09E-02	1.18E-03	3.92E-02	8.04E-03	8.29E-02	3.12E+01	8.28E-01	1.13E-07	3.33E-08	1.68E-03	5.07E-05	1.15E-01	2.01E-01	3.19E+01	8.13E-05	3.19E+01	3.30E+01	3.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-01
MYN125	7.03E-03	8.44E-01	-8.45E-03	8.53E-01	9.08E-07	0.00E+00	6.61E+02	2.60E-05	5.43E-04	5.83E-03	9.47E-04	1.81E+00	7.55E-09	5.11E-08	3.87E+00	5.38E-02	1.28E-03	4.81E-02	1.04E-02	1.30E-01	3.63E+01	9.23E-01	1.26E-07	4.52E-08	2.29E-03	4.72E-05	1.96E-01	2.14E-01	3.70E+01	1.30E-04	3.70E+01	3.70E+01	4.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-01
MYN132	9.66E-03	9.78E-01	-3.11E-03	9.78E-01	9.96E-07	0.00E+00	3.68E+02	1.54E-04	7.19E-04	7.54E-03	1.06E-03	3.53E+00	1.80E-07	9.76E-08	7.50E+00	4.00E-01	1.44E-03	5.16E-02	1.40E-02	1.75E-01	3.28E+01	7.38E-01	1.45E-07	6.08E-08	3.04E-03	5.59E-05	3.59E-01	2.35E-01	3.33E+01	2.02E-03	3.33E+01	3.41E+01	5.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-01
MYN140	9.93E-03	9.84E-01	-3.23E-03	9.87E-01	1.03E-06	0.00E+00	4.73E+02	1.55E-04	7.18E-04	7.51E-03	1.11E-03	3.57E+00	1.82E-07	9.71E-08	7.54E+00	4.15E-01	1.53E-03	5.16E-02	1.40E-02	1.74E-01	3.42E+01	7.92E-01	1.45E-07	6.17E-08	3.03E-03	5.59E-05	3.58E-01	2.53E-01	3.56E+01	2.02E-03	3.56E+01	3.61E+01	5.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-01
MYN150	1.28E-02	1.14E+00	4.00E-03	1.21E+00	1.07E-06	0.00E+00	8.81E+02	1.63E-04	1.08E-03	1.09E-02	1.18E-03	5.58E+00	1.72E-08	1.31E-07	1.16E+01	4.98E-01	1.65E-03	5.25E-02	1.84E-02	2.12E-01	3.96E+01	1.70E+00	1.90E-07	8.36E-08	3.32E-03	7.58E-05	5.44E-01	4.86E-01	4.00E+01	2.08E-03	4.00E+01	4.07E+01	7.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-01
MYN163	1.29E-02	1.03E+00	4.73E-03	1.03E+00	1.02E-06	0.00E+00	4.73E+02	1.79E-04	7.72E-04	8.29E-03	1.17E-03	6.30E+00	1.41E-08	1.44E-07	1.33E+01	5.56E-01	1.62E-03	5.22E-02	1.83E-02	2.11E-01	3.41E+01	7.96E-01	1.90E-07	8.56E-08	3.29E-03	7.56E-05	5.67E-01	2.76E-01	3.59E+01	2.03E-03	3.59E+01	3.65E+01	7.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-01
MYN206	9.24E-03	1.20E+00	-1.62E-02	1.25E+00	1.49E-06	0.00E+00	9.98E+02	4.59E-05	8.26E-04	8.57E-03	1.58E-03	2.14E+00	1.27E-08	5.88E-08	4.36E+00	1.03E-01	2.09E-03	6.91E-02	1.34E-02	1.45E-01	4.97E+01	1.58E+00	1.50E-07	5.90E-08	3.07E-03	5.87E-05	2.28E-01	3.66E-01	5.13E+01	1.53E-04	5.13E+01	5.18E+01	6.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-01
MYN210	8.58E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.08E-04	8.67E-03	1.56E-03	2.14E+00	1.20E-08	5.57E-08	4.31E+00	1.01E-01	2.11E-03	7.00E-02	1.37E-02	1.43E-01	5.01E+01	1.63E+00	1.60E-07	5.58E-08	3.17E-03	6.01E-05	2.25E-01	3.90E-01	5.17E+01	1.19E-04	5.17E+01	5.23E+01	6.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-01
MYN216	8.56E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.09E-04	8.68E-03	1.56E-03	2.15E+00	1.22E-08	5.59E-08	4.31E+00	1.01E-01	2.12E-03	7.00E-02	1.38E-02	1.46E-01	5.01E+01	1.63E+00	1.60E-07	5.59E-08	3.17E-03	6.03E-05	2.25E-01	3.91E-01	5.17E+01	1.19E-04	5.17E+01	5.24E+01	6.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-01
MYN220	9.64E-03	1.31E+00	-1.86E-02	1.33E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.32E-04	8.94E-03	1.62E-03	2.94E+00	1.23E-08	7.00E-08	6.08E+00	1.01E-01	2.19E-03	7.01E-02	1.50E-02	1.47E-01	5.05E+01	1.63E+00	1.65E-07	6.23E-08	3.32E-03	6.27E-05	2.52E-01	3.96E-01	5.22E+01	1.28E-04	5.22E+01	5.28E+01	6.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-01
MYN225	1.36E-02	1.65E+00	-1.65E-02	1.67E+00	1.52E-06	0.00E+00	1.26E+03	4.92E-05	1.02E-03	1.10E-02	1.84E-03	3.62E+00	1.46E-08	8.74E-08	7.78E+00	1.04E-01	2.49E-03	9.15E-02	1.95E-02	2.57E-01	6.97E+01	1.78E+00	2.55E-07	8.66E-08	4.20E-03	1.09E-04	3.63E-01	4.19E-01	7.15E+01	2.54E-04	7.15E+01	7.23E+01	7.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-01
MYN232	1.92E-02	1.67E+00	-4.81E-03	1.68E+00	1.66E-06	0.00E+00	7.12E+02	2.90E-04	1.16E-03	1.26E-02	2.11E-03	6.97E+00	3.19E-07	1.92E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.70E-02	3.46E-01	6.25E+01	1.49E+00	2.93E-07	1.21E-07	5.13E-03	1.31E-04	7.32E-01	4.47E-01	6.39E+01	3.99E-03	6.39E+01	6.51E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MYN240	1.93E-02	1.70E+00	-4.59E-03	1.70E+00	1.66E-06	0.00E+00	7.12E+02	2.90E-04	1.18E-03	1.27E-02	2.11E-03	6.98E+00	3.19E-07	1.92E-07	1.50E+01	7.54E-01	2.86E-03	9.87E-02	2.71E-02	3.48E-01	6.29E+01	1.50E+00	3.46E-07	1.22E-07	5.17E-03	1.31E-04	7.34E-01	4.47E-01	6.44E+01	3.91E-03	6.44E+01	6.55E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
MYN250	2.51E-02	2.00E+00	7.00E-03	2.04E+00	1.57E-06	0.00E+00	9.30E+02	2.91E-04	1.54E-03	1.63E-02	2.20E-03	1.16E+01	1.89E-08	2.56E-07	2.41E+01	8.71E-01	2.97E-03	9.92E-02	3.46E-02	3.95E-01	6.20E+01	2.03E+00	3.77E-07	1.64E-07	5.87E-03	1.63E-04	9.69E-01	5.72E-01	6.31E+01	4.33E-03	6.31E+01	6.57E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
MYN263	2.52E-02	2.00E+00	7.33E-03	2.04E+00	1.56E-06	0.00E+00	9.50E+02	2.91E-04	1.54E-03	1.63E-02	2.21E-03	1.21E+01	1.92E-08	2.62E-07	2.48E+01	8.78E-01	3.00E-03	9.93E-02	3.75E-02	4.00E-01	6.21E+01	2.05E+00	3.83E-07	1.65E-07	5.91E-03	1.64E-04	1.01E+00	6.64E-01	6.32E+01	4.34E-03	6.32E+01	6.57E+01	1.51E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
MYN306	1.77E-02	2.92E+00	-3.26E-02	2.93E+00	2.05E-06	0.00E+00	1.94E+03	7.94E-05	1.74E-03	1.80E-02	2.60E-03	3.22E+00	2.28E-08	1.03E-07	7.09E+00	1.63E-01	3.53E-03	1.34E-01	2.63E-02	3.60E-01	1.01E+02	3.04E+00	3.70E-07	1.12E-07	5.94E-03	1.62E-04	4.62E-01	7.00E-01	1.04E+02	3.61E-04	1.04E+02	1.05E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+00
MYN310	1.77E-02	3.04E+00	-3.26E-02	3.06E+00	2.30E-06	0.00E+00	1.94E+03	8.04E-05	1.74E-03	1.81E-02	2.64E-03	3.46E+00	2.40E-08	1.01E-07	7.72E+00	1.68E-01	3.57E-03	1.34E-01	2.59E-02	3.68E-01	1.02E+02	3.09E+00	3.75E-07	1.14E-07	5.94E-03	1.62E-04	4.91E-01	7.05E-01	1.05E+02	3.28E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
MYN316	1.81E-02	2.42E+00	-3.02E-02	2.45E+00	2.29E-06	0.00E+00	1.91E+03	7.56E-05	1.48E-03	1.60E-02	2.64E-03	4.27E+00	2.10E-08	1.12E-07	9.28E+00	1.63E-01	3.58E-03	1.34E-01	2.63E-02	3.76E-01	1.02E+02	2.71E+00	3.74E-07	1.15E-07	6.01E-03	1.63E-04	4.90E-01	6.28E-01	1.05E+02	3.14E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MYN320	1.92E-02	2.38E+00	-2.39E-02	2.40E+00	2.22E-06	0.00E+00	1.33E+03	7.13E-05	1.38E-03	1.52E-02	2.68E-03	4.62E+00	1.98E-08	1.19E-07	1.01E+01	1.59E-01	3.63E-03	1.32E-01	2.73E-02	3.81E-01	1.03E+02	2.47E+00	3.68E-07	1.22E-07	6.08E-03	1.64E-04	4.90E-01	5.25E-01	1.05E+02	3.55E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MYN325	2.33E-02	2.41E+00	-2.14E-02	2.44E+00	1.94E-06	0.00E+00	1.26E+03	7.12E-05	1.42E-03	1.56E-02	2.65E-03	5.48E+00	2.07E-08	1.31E-07	1.18E+01	1.58E-01	3.55E-03	1.32E-01	2.90E-02	3.82E-01	1.03E+02	2.46E+00	3.77E-07	1.43E-07	6.46E-03	1.64E-04	4.78E-01	4.93E-01	1.05E+02	4.03E-04	1.05E+02	1.06E+02	1.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E+00
MYN332	2.94E-02	3.15E+00	-9.60E-03	3.18E+00	2.52E-06	0.00E+00	1.08E+03	4.24E-04	1.99E-03	2.13E-02	3.15E-03	1.09E+01	5.01E-07	2.99E-07	2.33E+01	1.12E+00	4.27E-03	1.46E-01	4.16E-02	5.47E-01	9.22E+01	2.74E+00	4.49E-07	1.90E-07	8.29E-03	2.07E-04	1.15E+00	7.70E-01	9.41E+01	6.78E-03	9.41E+01	9.70E+01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E+00
MYN340	3.23E-02	3.18E+00	-9.32E-03	3.22E+00	2.51E-06	0.00E+00	1.08E+03	4.25E-04	2.05E-03	2.21E-02	3.17E-03	1.11E+01	5.02E-07	3.26E-07	2.46E+01	1.12E+00	4.29E-03	1.46E-01	4.37E-02	5.98E-01	9.26E+01	2.75E+00	5.66E-07	2.06E-07	8.75E-03	2.44E-04	1.22E+00	7.76E-01	9.43E+01	6.74E-03	9.43E+01	9.66E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E+00
MYN350	3.93E-02	3.50E+00	9.08E-03	3.49E+00	2.52E-06	0.00E+00	1.07E+03	4.46E-04	2.22E-03	2.46E-02	3.30E-03	1.84E+01	2.54E-08	4.09E-07	3.87E+01	1.32E+00	4.47E-03	1.47E-01	5.45E-02	6.45E-01	9.10E+01	2.73E+00	5.91E-07	2.58E-07	1.01E-02	2.50E-04	1.58E+00	7.82E-01	9.30E+01	6.77E-03	9.30E+01	9.51E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E+00
MYN363	3.97E-02	3.44E+00	9.30E-03	3.46E+00	2.52E-06	0.00E+00	1.06E+03	4.48E-04	2.22E-03	2.45E-02	3.32E-03	1.86E+01	2.63E-08	4.13E-07	3.92E+01	1.32E+00	4.49E-03	1.47E-01	5.48E-02	6.73E-01	9.10E+01	2.73E+00	5.91E-07	2.62E-07	1.01E-02	2.50E-04	1.62E+00	7.88E-01	9.30E+01	6.72E-03	9.30E+01	9.55E+01	2.31E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+00
MYN406	2.37E-02	3.07E+00	-4.34E-02	3.14E+00	2.40E-06	0.00E+00	2.49E+03	9.78E-05	1.98E-03	2.14E-02	3.52E-03	3.50E+00	2.67E-08	1.36E-07	7.82E+00	2.02E-01	4.76E-03	1.73E-01	3.35E-02	5.08E-01	1.26E+02	3.52E+00	5.45E-07	1.57E-07	8.48E-03	2.24E-04	6.56E-01	9.55E-01	1.30E+02	4.29E-04	1.30E+02	1.31E+02	1.53E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
MYN410	2.28E-02	3.20E+00	-3.62E-02	3.24E+00	2.41E-06	0.00E+00	2.50E+03	9.82E-05	1.94E-03	2.08E-02	3.48E-03	4.37E+00	2.64E-08	1.23E-07	9.20E+00	2.06E-01	4.71E-03	1.82E-01	3.38E-02	4.91E-01	1.38E+02	3.55E+00	4.92E-07	1.45E-07	7.79E-03	2.14E-04	6.07E-01	8.18E-01	1.41E+02	4.02E-04	1.41E+02	1.42E+02	1.42E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
MYN416	1.71E-02	2.57E+00	-3.92E-02	2.61E+00	2.41E-06	0.00E+00	2.23E+03	9.23E-05	1.62E-03	1.74E-02	3.13E-03	4.30E+00	2.44E-08	1.12E-07	8.63E+00	2.01E-01	4.24E-03	1.40E-01	2.75E-02	2.89E-01	1.00E+02	3.25E+00	3.20E-07	1.12E-07	6.36E-03	1.21E-04	4.52E-01	7.81E-01	1.04E+02	2.43E-04	1.04E+02	1.05E+02	1.23E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
MYN420	2.51E-02	3.25E+00	-3.43E-02	3.29E+00	2.41E-06	0.00E+00	2.51E+03	9.83E-05	1.99E-03	2.15E-02	3.58E-03	5.84E+00	2.78E-08	1.50E-07	1.24E+01	2.06E-01	4.85E-03	1.82E-01	3.65E-02	5.12E-01	1.38E+02	3.56E+00	5.02E-07	1.59E-07	8.12E-03	2.19E-04	6.52E-01	8.29E-01	1.42E+02	4.17E-04	1.42E+02	1.43E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+00
MYN425	2.72E-02	3.30E+00	-3.30E-02	3.33E+00	2.41E-06	0.00E+00	2.51E+03	9.83E-05	2.04E-03	2.20E-02	3.68E-03	7.24E+00	2.92E-08	1.75E-07	1.56E+01	2.06E-01	4.98E-03	1.83E-01	3.89E-02	5.13E-01	1.39E+02	3.56E+00	5.10E-07	1.73E-07	8.42E-03	2.18E-04	7.24E-01	8.38E-01	1.43E+02	5.54E-04	1.43E+02	1.45E+02	1.56E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
MYN432	3.84E-02	3.35E+00	-9.62E-03	3.35E+00	2.74E-06	0.00E+00	1.42E+03	5.79E-04	2.33E-03	2.52E-02	4.23E-03	1.39E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.40E-02	6.91E-01	1.25E+02	2.97E+00	5.86E-07	2.42E-07	1.03E-02	2.62E-04	1.46E+00	8.94E-01	1.28E+02	7.99E-03	1.28E+02	1.30E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+00
MYN440	3.85E-02	3.39E+00	-9.19E-03	3.40E+00	2.74E-06	0.00E+00	1.42E+03	5.79E-04	2.35E-03	2.55E-02	4.23E-03	1.40E+01	6.38E-07	3.83E-07	2.99E+01	1.51E+00	5.72E-03	1.97E-01	5.42E-02	6.94E-01	1.26E+02	2.99E+00	6.92E-07	2.43E-07	1.03E-02	2.63E-04	1.47E+00	8.94E-01	1.29E+02	7.83E-03	1.29E+02	1.31E+02	2.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+00
MYN450	5.04E-02	3.53E+00	1.37E-02	3.52E+00	2.69E-06	0.00E+00	1.40E+03	6.17E-04	2.57E-03	2.82E-02	4.45E-03	2.44E+01	2.88E-08	5.52E-07	5.02E+01	1.80E+00	6.03E-03	1.99E-01	6.98E-02	8.06E-01	1.23E+02	2.96E+00	7.58E-07	3.28E-07	1.18E-02	3.31E-04	2.05E+00	9.16E-01	1.26E+02	8.77E-03	1.26E+02	1.29E+02	2.96E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00
MYN463	5.12E-02	3.56E+00	1.40E-02	3.54E+00	2.69E-06	0.00E+00	1.40E+03	6.17E-04	2.58E-03	2.84E-02	4.48E-03	2.46E+01	3.04E-08	5.58E-07	5.09E+01	1.80E+00	6.06E-03	2.00E-01	7.07E-02	8.60E-01	1.23E+02	2.96E+00	7.60E-07	3.39E-07	1.19E-02	3.32E-04	2.11E+00	9.19E-01	1.26E+02	8.78E-03	1.26E+02	1.29E+02	3.03E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+00
MYN506	9.31E-03	1.20E+00	-1.59E-02	1.25E+00	1.49E-06	0.00E+00	9.98E+02	4.61E-05	8.21E-04	8.54E-03	1.58E-03	2.13E+00	1.27E-08	5.87E-08	4.40E+00	1.03E-01	2.09E-03	6.88E-02	1.35E-02	1.45E-01	4.97E+01	1.58E+00	1.29E-07	5.95E-08	3.08E-03	5.86E-05	2.27E-01	3.67E-01	5.14E+01	1.51E-04	5.14E+01	5.21E+01	6.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-01
MYN510	8.59E-03	1.28E+00	-1.96E-02	1.30E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.09E-04	8.68E-03	1.56E-03	2.14E+00	1.21E-08	5.57E-08	4.32E+00	1.01E-01	2.12E-03	7.00E-02	1.37E-02	1.43E-01	5.02E+01	1.64E+00	1.25E-07	5.58E-08	3.18E-03	6.02E-05	2.28E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.24E+01	6.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-01
MYN516	8.57E-03	1.29E+00	-1.96E-02	1.31E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.10E-04	8.69E-03	1.57E-03	2.15E+00	1.22E-08	5.59E-08	4.32E+00	1.01E-01	2.12E-03	7.00E-02	1.38E-02	1.46E-01	5.02E+01	1.64E+00	1.25E-07	5.60E-08	3.19E-03	6.04E-05	2.29E-01	3.91E-01	5.18E+01	1.19E-04	5.18E+01	5.24E+01	6.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-01
MYN520	9.65E-03	1.31E+00	-1.86E-02	1.33E+00	1.50E-06	0.00E+00	1.12E+03	4.62E-05	8.33E-04	8.95E-03	1.62E-03	2.94E+00	1.23E-08	7.00E-08	6.08E+00	1.01E-01	2.19E-03	7.01E-02	1.50E-02	1.47E-01	5.06E+01	1.64E+00	1.30E-07	6.24E-08	3.33E-03	6.28E-05	2.55E-01	3.96E-01	5.22E+01	1.28E-04	5.22E+01	5.29E+01	6.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-01
MYN525	1.46E-02	1.64E+00	-1.41E-02	1.65E+00	1.57E-06	0.00E+00	1.26E+03	9.97E-05	1.04E-03	1.13E-02	1.84E-03	4.61E+00	1.66E-07	1.08E-07	1.01E+01	2.12E-01	2.49E-03	9.18E-02	2.05E-02	2.59E-01	6.66E+01	1.78E+00	2.60E-07	9.29E-08	4.30E-03	1.11E-04	4.74E-01	4.20E-01	6.84E+01	2.69E-04	6.84E+01	6.92E+01	8.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-01
MYN532	1.87E-02	1.67E+00	-4.81E-03	1.68E+00	1.66E-06	0.00E+00	7.12E+02	2.89E-04	1.16E-03	1.25E-02	2.11E-03	6.95E+00	3.17E-07	1.90E-07	1.50E+01	7.53E-01	2.86E-03	9.87E-02	2.63E-02	3.20E-01	6.26E+01	1.49E+00	2.93E-07	1.18E-07	5.08E-03	1.30E-04	7.36E-01	4.47E-01	6.41E+01	3.99E-03	6.41E+01	6.53E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
MYN540	1.93E-02	1.70E+00	-4.60E-03	1.70E+00	1.66E-06	0.00E+00	7.12E+02	2.89E-04	1.18E-03	1.27E-02	2.11E-03	6.98E+00	3.19E-07	1.92E-07	1.50E+01	7.53E-01	2.86E-03	9.87E-02	2.71E-02	3.48E-01	6.29E+01	1.50E+00	3.46E-07	1.22E-07	5.17E-03	1.31E-04	7.38E-01	4.47E-01	6.44E+01	3.91E-03	6.44E+01	6.56E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NAN120S	9.64E-03	1.03E+00	-2.10E-02	1.03E+00	1.41E-06	0.00E+00	7.82E+02	4.41E-05	7.36E-04	8.02E-03	1.14E-03	2.16E+00	1.85E-08	6.49E-08	5.10E+00	1.05E-01	1.57E-03	5.46E-02	1.16E-02	1.90E-01	3.40E+01	1.08E+00	1.18E-07	5.76E-08	3.01E-03	6.14E-05	3.45E-01	2.82E-01	3.37E+01	1.98E-04	3.37E+01	3.48E+01	7.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-01
NB106A	6.32E-03	8.58E-01	-9.13E-03	8.68E-01	9.10E-07	0.00E+00	6.95E+02	2.61E-05	5.24E-04	5.65E-03	9.30E-04	1.42E+00	7.14E-09	4.78E-08	3.13E+00	5.32E-02	1.26E-03	5.00E-02	9.62E-03	1.20E-01	3.69E+01	9.49E-01	1.25E-07	4.05E-08	2.15E-03	4.20E-05	1.73E-01	2.11E-01	3.80E+01	1.14E-04	3.80E+01	3.87E+01	3.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-01
NB110A	6.46E-03	8.61E-01	-9.78E-03	8.71E-01	8.71E-07	0.00E+00	6.93E+02	2.65E-05	5.16E-04	5.60E-03	9.28E-04	1.43E+00	7.11E-09	3.92E-08	3.05E+00	5.55E-02	1.25E-03	5.05E-02	9.35E-03	1.14E-01	3.69E+01	9.46E-01	1.25E-07	4.07E-08	2.10E-03	4.20E-05	1.61E-01	2.18E-01	3.79E+01	1.12E-04	3.79E+01	3.85E+01	3.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-01
NB113A	6.49E-03	8.61E-01	-9.05E-03	8.71E-01	8.71E-07	0.00E+00	6.92E+02	2.65E-05	5.22E-04	5.66E-03	9.30E-04	1.42E+00	7.12E-09	3.89E-08	3.12E+00	5.28E-02	1.26E-03	4.96E-02	9.45E-03	1.16E-01	3.69E+01	9.46E-01	1.25E-07	4.13E-08	2.12E-03	4.25E-05	1.58E-01	2.11E-01	3.79E+01	1.10E-04	3.79E+01	3.85E+01	3.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-01
NB116A	6.51E-03	8.62E-01	-9.15E-03	8.72E-01	8.71E-07	0.00E+00	6.92E+02	2.63E-05	5.23E-04	5.66E-03	9.37E-04	1.51E+00	7.11E-09	4.00E-08	3.20E+00	5.24E-02	1.27E-03	4.96E-02	9.62E-03	1.15E-01	3.69E+01	9.47E-01	1.25E-07	4.13E-08	2.13E-03	4.22E-05	1.59E-01	2.12E-01	3.81E+01	1.10E-04	3.81E+01	3.87E+01	3.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-01
NB120A	7.15E-03	9.46E-01	-9.44E-03	9.43E-01	8.90E-07	0.00E+00	6.94E+02	6.08E-05	6.17E-04	6.75E-03	9.55E-04	1.67E+00	9.12E-08	5.67E-08	3.85E+00	1.19E-01	1.29E-03	5.07E-02	1.11E-02	1.23E-01	3.73E+01	9.47E-01	1.26E-07	4.50E-08	2.67E-03	4.30E-05	1.99E-01	2.21E-01	3.84E+01	1.33E-04	3.84E+01	3.89E+01	4.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-01
NB125A	7.20E-03	8.62E-01	-8.58E-03	8.77E-01	7.29E-07	0.00E+00	6.96E+02	3.02E-05	5.48E-04	5.91E-03	9.57E-04	1.81E+00	7.81E-09	4.93E-08	3.84E+00	6.38E-02	1.30E-03	4.97E-02	1.09E-02	1.21E-01	3.71E+01	9.46E-01	1.26E-07	4.56E-08	2.27E-03	4.33E-05	1.88E-01	2.15E-01	3.82E+01	1.35E-04	3.82E+01	3.86E+01	4.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NB132A	9.60E-03	9.73E-01	-3.12E-03	9.76E-01	9.87E-07	0.00E+00	3.70E+02	1.53E-04	7.17E-04	7.52E-03	1.06E-03	3.51E+00	1.61E-07	9.65E-08	7.45E+00	3.95E-01	1.43E-03	5.15E-02	1.38E-02	1.75E-01	3.32E+01	7.37E-01	1.45E-07	6.03E-08	3.01E-03	5.65E-05	3.60E-01	2.35E-01	3.41E+01	2.01E-03	3.41E+01	3.46E+01	5.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-01
NB140A	1.01E-02	8.75E-01	-2.21E-03	8.65E-01	9.88E-07	0.00E+00	3.93E+02	1.57E-04	6.31E-04	6.87E-03	1.07E-03	3.67E+00	1.61E-07	1.00E-07	7.57E+00	4.16E-01	1.45E-03	4.93E-02	1.40E-02	1.69E-01	3.25E+01	7.43E-01	1.45E-07	6.22E-08	2.94E-03	6.57E-05	4.14E-01	2.23E-01	3.36E+01	1.89E-03	3.36E+01	3.40E+01	6.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-01
NB150A	1.25E-02	1.07E+00	4.82E-03	1.07E+00	1.03E-06	0.00E+00	8.50E+02	1.65E-04	1.04E-03	1.05E-02	1.17E-03	5.60E+00	1.64E-08	1.26E-07	1.16E+01	4.97E-01	1.62E-03	5.05E-02	1.82E-02	2.11E-01	3.42E+01	1.15E+00	1.92E-07	8.20E-08	3.37E-03	7.63E-05	5.40E-01	4.26E-01	3.61E+01	1.98E-03	3.61E+01	3.67E+01	8.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-01
NB163A	1.27E-02	1.07E+00	5.13E-03	1.07E+00	1.01E-06	0.00E+00	8.50E+02	1.81E-04	1.03E-03	1.05E-02	1.17E-03	6.31E+00	1.52E-08	1.42E-07	1.33E+01	5.52E-01	1.62E-03	5.03E-02	1.85E-02	2.14E-01	3.41E+01	1.15E+00	1.93E-07	8.48E-08	3.36E-03	7.64E-05	5.72E-01	2.77E-01	3.61E+01	1.98E-03	3.61E+01	3.66E+01	8.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-01
NB206A	1.25E-02	1.68E+00	-1.71E-02	1.68E+00	1.50E-06	0.00E+00	1.16E+03	4.89E-05	9.89E-04	1.07E-02	1.75E-03	2.17E+00	1.39E-08	6.01E-08	4.44E+00	1.06E-01	2.32E-03	9.30E-02	1.52E-02	2.42E-01	7.01E+01	1.79E+00	2.49E-07	7.60E-08	4.15E-03	1.05E-04	2.69E-01	3.84E-01	7.17E+01	2.12E-04	7.17E+01	7.27E+01	6.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-01
NB210A	1.29E-02	1.69E+00	-1.70E-02	1.69E+00	1.45E-06	0.00E+00	1.20E+03	5.19E-05	1.04E-03	1.12E-02	1.76E-03	2.36E+00	1.41E-08	6.41E-08	5.09E+00	1.13E-01	2.33E-03	9.58E-02	1.89E-02	2.45E-01	7.17E+01	1.86E+00	2.49E-07	7.98E-08	4.16E-03	1.07E-04	2.99E-01	3.88E-01	7.36E+01	2.18E-04	7.36E+01	7.47E+01	7.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-01
NB213A	1.28E-02	1.69E+00	-1.70E-02	1.70E+00	1.45E-06	0.00E+00	1.20E+03	5.12E-05	1.05E-03	1.13E-02	1.77E-03	2.56E+00	1.44E-08	6.98E-08	5.61E+00	1.15E-01	2.33E-03	9.55E-02	1.86E-02	2.54E-01	7.18E+01	1.86E+00	2.52E-07	8.09E-08	4.20E-03	1.08E-04	3.05E-01	3.88E-01	7.36E+01	2.17E-04	7.36E+01	7.48E+01	7.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-01
NB216A	1.32E-02	1.69E+00	-1.68E-02	1.69E+00	1.46E-06	0.00E+00	1.20E+03	5.20E-05	1.07E-03	1.14E-02	1.78E-03	2.63E+00	1.43E-08	7.12E-08	5.71E+00	1.14E-01	2.36E-03	9.55E-02	2.04E-02	2.48E-01	7.18E+01	1.86E+00	2.52E-07	8.61E-08	4.26E-03	1.07E-04	3.09E-01	3.92E-01	7.38E+01	2.27E-04	7.38E+01	7.47E+01	7.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-01
NB220A	1.35E-02	1.70E+00	-1.53E-02	1.70E+00	1.46E-06	0.00E+00	1.20E+03	5.27E-05	1.08E-03	1.16E-02	1.80E-03	3.19E+00	1.47E-08	7.99E-08	7.85E+00	1.14E-01	2.38E-03	9.57E-02	2.07E-02	2.58E-01	7.19E+01	1.87E+00	2.55E-07	9.02E-08	4.34E-03	1.09E-04	3.27E-01	3.93E-01	7.38E+01	2.41E-04	7.38E+01	7.49E+01	7.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-01
NB225A	1.52E-02	1.69E+00	-1.51E-02	1.70E+00	1.21E-06	0.00E+00	1.20E+03	5.36E-05	1.09E-03	1.17E-02	1.86E-03	3.64E+00	1.50E-08	8.78E-08	7.82E+00	1.11E-01	2.45E-03	9.57E-02	2.14E-02	2.86E-01	7.19E+01	1.90E+00	2.58E-07	9.77E-08	4.55E-03	1.09E-04	3.35E-01	3.96E-01	7.38E+01	2.68E-04	7.38E+01	7.48E+01	8.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-01
NB240A	2.13E-02	1.70E+00	-3.53E-03	1.69E+00	1.63E-06	0.00E+00	6.58E+02	2.81E-04	1.19E-03	1.28E-02	2.00E-03	8.71E+00	2.98E-07	2.04E-07	1.78E+01	7.34E-01	2.64E-03	9.74E-02	2.77E-02	3.63E-01	6.28E+01	1.48E+00	3.52E-07	1.36E-07	5.27E-03	1.37E-04	8.17E-01	4.20E-01	6.42E+01	3.75E-03	6.42E+01	6.61E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NB250A	2.29E-02	1.78E+00	6.81E-03	1.75E+00	1.57E-06	0.00E+00	6.54E+02	2.73E-04	1.28E-03	1.41E-02	2.10E-03	1.03E+01	1.43E-08	2.45E-07	2.19E+01	8.01E-01	2.74E-03	9.83E-02	3.38E-02	3.89E-01	6.23E+01	1.51E+00	3.21E-07	1.57E-07	5.77E-03	1.60E-04	9.13E-01	4.23E-01	6.44E+01	3.95E-03	6.44E+01	6.62E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NB263A	2.53E-02	1.79E+00	7.14E-03	1.76E+00	1.55E-06	0.00E+00	6.52E+02	2.90E-04	1.29E-03	1.43E-02	2.12E-03	1.17E+01	1.46E-08	2.59E-07	2.42E+01	8.35E-01	2.77E-03	9.85E-02	3.70E-02	3.97E-01	6.23E+01	1.51E+00	3.87E-07	1.66E-07	5.80E-03	1.63E-04	9.82E-01	4.24E-01	6.34E+01	4.01E-03	6.34E+01	6.58E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
NB306A	2.03E-02	3.03E+00	-3.26E-02	3.08E+00	2.00E-06	0.00E+00	2.06E+03	7.99E-05	1.80E-03	1.88E-02	2.68E-03	3.22E+00	2.40E-08	1.07E-07	6.92E+00	1.61E-01	3.64E-03	1.43E-01	2.71E-02	3.59E-01	1.07E+02	3.16E+00	3.76E-07	1.28E-07	6.54E-03	1.60E-04	4.50E-01	7.01E-01	1.09E+02	3.72E-04	1.09E+02	1.10E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NB310A	2.01E-02	2.50E+00	-2.30E-02	2.52E+00	2.16E-06	0.00E+00	1.38E+03	7.02E-05	1.42E-03	1.57E-02	2.64E-03	3.69E+00	2.05E-08	1.04E-07	7.75E+00	1.54E-01	3.53E-03	1.43E-01	2.71E-02	3.69E-01	1.08E+02	2.59E+00	3.75E-07	1.28E-07	6.36E-03	1.64E-04	4.66E-01	4.81E-01	1.10E+02	3.46E-04	1.10E+02	1.12E+02	1.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
NB313A	2.03E-02	2.50E+00	-2.31E-02	2.52E+00	2.16E-06	0.00E+00	1.38E+03	7.01E-05	1.44E-03	1.58E-02	2.79E-03	4.05E+00	2.03E-08	1.11E-07	8.59E+00	1.52E-01	3.76E-03	1.43E-01	2.69E-02	3.78E-01	1.08E+02	2.59E+00	3.75E-07	1.28E-07	6.43E-03	1.65E-04	4.69E-01	4.84E-01	1.10E+02	3.48E-04	1.10E+02	1.12E+02	1.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NB316A	2.05E-02	2.50E+00	-2.27E-02	2.52E+00	2.16E-06	0.00E+00	1.32E+03	7.09E-05	1.43E-03	1.58E-02	2.67E-03	4.43E+00	1.90E-08	1.16E-07	8.98E+00	1.57E-01	3.55E-03	1.43E-01	2.74E-02	3.75E-01	1.08E+02	2.59E+00	3.75E-07	1.30E-07	6.45E-03	1.65E-04	4.74E-01	4.79E-01	1.10E+02	3.54E-04	1.10E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00

NB325A	2.19E-02	2.51E+00	-2.18E-02	2.55E+00	1.84E-06	0.00E+00	1.33E+03	7.01E-05	1.46E-03	1.62E-02	2.85E-03	5.41E+00	1.99E-08	1.32E-07	1.15E+01	1.53E-01	3.87E-03	1.43E-01	2.91E-02	3.94E-01	1.08E+02	2.59E+00	3.80E-07	1.37E-07	6.65E-03	1.65E-04	4.76E-01	4.84E-01	1.11E+02	4.00E-04	1.11E+02	1.12E+02	1.15E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
NB332A	2.87E-02	2.44E+00	-6.22E-03	2.44E+00	2.35E-06	0.00E+00	7.54E+02	4.30E-04	1.57E-03	1.73E-02	3.12E-03	1.03E+01	4.27E-07	2.82E-07	2.18E+01	1.12E+00	4.22E-03	1.46E-01	4.08E-02	5.22E-01	9.25E+01	2.00E+00	4.39E-07	1.84E-07	7.55E-03	1.94E-04	1.08E+00	5.01E-01	9.44E+01	5.81E-03	9.44E+01	9.77E+01	1.83E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
NB340A	3.32E-02	2.47E+00	-5.65E-03	2.47E+00	2.35E-06	0.00E+00	7.59E+02	4.35E-04	1.70E-03	1.89E-02	3.17E-03	1.10E+01	4.32E-07	3.20E-07	2.44E+01	1.10E+00	4.29E-03	1.40E-01	4.38E-02	5.92E-01	9.29E+01	2.02E+00	5.52E-07	2.13E-07	8.25E-03	2.42E-04	1.19E+00	5.15E-01	9.46E+01	6.60E-03	9.46E+01	9.74E+01	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
NB350A	3.67E-02	2.57E+00	9.84E-03	2.55E+00	2.40E-06	0.00E+00	7.52E+02	4.57E-04	1.75E-03	1.94E-02	3.30E-03	1.79E+01	2.01E-08	4.10E-07	3.72E+01	1.27E+00	4.47E-03	1.39E-01	4.89E-02	6.01E-01	9.13E+01	2.01E+00	5.46E-07	2.41E-07	8.75E-03	2.47E-04	1.53E+00	5.19E-01	9.29E+01	6.44E-03	9.29E+01	9.63E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+00
NB363A	3.84E-02	2.57E+00	1.00E-02	2.55E+00	2.41E-06	0.00E+00	7.52E+02	4.57E-04	1.75E-03	1.95E-02	3.31E-03	1.82E+01	2.10E-08	4.15E-07	3.78E+01	1.27E+00	4.49E-03	1.39E-01	5.17E-02	6.41E-01	9.13E+01	2.01E+00	5.68E-07	2.54E-07	8.82E-03	2.50E-04	1.57E+00	5.20E-01	9.30E+01	6.45E-03	9.30E+01	9.65E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00
NB413A	2.98E-02	2.53E+00	-2.51E-02	2.54E+00	2.35E-06	0.00E+00	1.46E+03	9.67E-05	1.74E-03	1.94E-02	3.98E-03	6.32E+00	2.32E-08	1.53E-07	1.32E+01	2.05E-01	5.41E-03	1.79E-01	3.67E-02	5.02E-01	1.37E+02	2.69E+00	5.07E-07	1.85E-07	9.17E-03	2.28E-04	6.33E-01	6.31E-01	1.41E+02	2.01E-03	1.41E+02	1.42E+02	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
NBN020	8.90E-03	9.70E-01	-1.26E-02	9.51E-01	9.56E-07	0.00E+00	1.03E+03	5.27E-05	7.22E-04	7.65E-03	1.07E-03	2.22E+00	1.34E-08	5.69E-08	4.28E+00	1.70E-01	1.50E-03	4.28E-02	1.15E-02	1.86E-01	2.99E+01	1.08E+00	1.12E-07	5.83E-08	2.91E-03	6.17E-05	3.47E-01	2.77E-01	3.08E+01	3.86E-04	3.08E+01	3.15E+01	6.88E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-01
NBN106	5.92E-03	8.42E-01	-7.47E-03	8.50E-01	9.18E-07	0.00E+00	4.50E+02	3.83E-05	5.48E-04	5.70E-03	1.01E-03	1.61E+00	1.16E-08	5.78E-08	3.21E+00	9.50E-02	1.37E-03	4.25E-02	9.91E-03	1.47E-01	3.44E+01	1.04E+00	8.39E-08	4.02E-08	2.17E-03	5.54E-05	2.80E-01	2.31E-01	3.54E+01	4.20E-04	3.54E+01	3.59E+01	5.10E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-01
NBN106A	5.92E-03	8.42E-01	-7.47E-03	8.50E-01	9.18E-07	0.00E+00	4.50E+02	3.83E-05	5.48E-04	5.70E-03	1.01E-03	1.61E+00	1.16E-08	5.78E-08	3.21E+00	9.50E-02	1.37E-03	4.25E-02	9.91E-03	1.47E-01	3.44E+01	1.04E+00	8.39E-08	4.02E-08	2.17E-03	5.54E-05	2.80E-01	2.31E-01	3.54E+01	4.20E-04	3.54E+01	3.59E+01	5.10E-01	0.00E+00	0.00E+00	0.00E+00	4.26E-01
NBN106N	6.83E-03	1.55E+00	-3.22E-02	1.58E+00	1.41E-06	0.00E+00	8.61E+02	3.52E-05	8.90E-04	9.85E-03	9.23E-04	1.58E+00	4.23E-08	5.05E-08	3.75E+00	1.51E-01	1.26E-03	8.09E-02	1.72E-02	1.13E-01	4.93E+01	1.38E+00	2.41E-07	4.64E-08	3.21E-03	5.43E-05	2.15E-01	3.57E-01	5.09E+01	2.18E-04	5.09E+01	5.22E+01	4.53E-01	0.00E+00	0.00E+00	0.00E+00	3.60E-01
NBN110	6.08E-03	8.32E-01	-7.75E-03	8.40E-01	9.18E-07	0.00E+00	6.19E+02	3.88E-05	5.55E-04	6.01E-03	9.62E-04	1.75E+00	1.24E-08	4.27E-08	3.52E+00	9.50E-02	1.30E-03	4.22E-02	9.26E-03	1.45E-01	3.37E+01	9.87E-01	8.48E-08	4.05E-08	2.19E-03	5.58E-05	2.67E-01	2.26E-01	3.47E+01	4.21E-04	3.47E+01	3.52E+01	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.98E-01
NBN110A	6.08E-03	8.32E-01	-7.75E-03	8.40E-01	9.18E-07	0.00E+00	6.19E+02	3.88E-05	5.55E-04	6.01E-03	9.62E-04	1.75E+00	1.24E-08	4.27E-08	3.52E+00	9.50E-02	1.30E-03	4.22E-02	9.26E-03	1.45E-01	3.37E+01	9.87E-01	8.48E-08	4.05E-08	2.19E-03	5.58E-05	2.67E-01	2.26E-01	3.47E+01	4.21E-04	3.47E+01	3.52E+01	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.98E-01
NBN110N	6.38E-03	1.51E+00	-3.34E-02	1.53E+00	1.39E-06	0.00E+00	8.58E+02	3.38E-05	9.01E-04	9.81E-03	9.04E-04	1.23E+00	4.31E-08	4.29E-08	2.81E+00	1.46E-01	1.23E-03	7.93E-02	1.62E-02	1.04E-01	4.94E+01	1.37E+00	2.38E-07	4.57E-08	3.14E-03	5.42E-05	2.08E-01	3.72E-01	5.10E+01	1.80E-04	5.10E+01	5.22E+01	4.23E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-01
NBN116A	6.44E-03	8.49E-01	-7.55E-03	8.57E-01	9.18E-07	0.00E+00	6.19E+02	3.88E-05	5.70E-04	6.18E-03	9.76E-04	1.96E+00	1.25E-08	4.63E-08	3.97E+00	9.49E-02	1.32E-03	4.22E-02	9.59E-03	1.45E-01	3.41E+01	9.89E-01	8.62E-08	4.26E-08	2.26E-03	5.46E-05	2.94E-01	2.27E-01	3.50E+01	4.24E-04	3.50E+01	3.56E+01	5.21E-01	0.00E+00	0.00E+00	0.00E+00	4.12E-01
NBN116N	6.68E-03	1.54E+00	-3.33E-02	1.58E+00	1.35E-06	0.00E+00	8.54E+02	3.57E-05	9.16E-04	1.00E-02	9.22E-04	1.39E+00	1.15E-07	4.73E-08	3.18E+00	1.49E-01	1.25E-03	8.06E-02	1.71E-02	1.09E-01	5.00E+01	1.37E+00	2.39E-07	4.64E-08	3.25E-03	5.66E-05	2.14E-01	3.72E-01	5.12E+01	1.92E-04	5.12E+01	5.24E+01	4.27E-01	0.00E+00	0.00E+00	0.00E+00	3.57E-01
NBN120A	7.06E-03	8.46E-01	-5.89E-03	8.52E-01	9.31E-07	0.00E+00	6.20E+02	6.49E-05	5.49E-04	5.97E-03	1.01E-03	2.57E+00	1.29E-08	5.93E-08	5.33E+00	1.74E-01	1.37E-03	4.31E-02	1.11E-02	1.49E-01	3.36E+01	9.90E-01	9.06E-08	4.64E-08	2.26E-03	5.65E-05	3.16E-01	2.31E-01	3.46E+01	4.31E-04	3.46E+01	3.51E+01	5.47E-01	0.00E+00	0.00E+00	0.00E+00	4.76E-01
NBN120N	6.88E-03	1.57E+00	-3.25E-02	1.59E+00	1.46E-06	0.00E+00	8.63E+02	3.59E-05	9.31E-04	1.01E-02	9.23E-04	1.67E+00	1.68E-07	5.10E-08	3.98E+00	1.53E-01	1.26E-03	8.12E-02	1.72E-02	1.13E-01	4.95E+01	1.37E+00	2.42E-07	4.69E-08	3.32E-03	5.72E-05	2.23E-01	3.73E-01	5.10E+01	2.15E-04	5.10E+01	5.21E+01	4.64E-01	0.00E+00	0.00E+00	0.00E+00	3.59E-01
NBN125N	9.83E-03	1.58E+00	-3.27E-02	1.60E+00	1.48E-06	0.00E+00	8.60E+02	6.50E-05	1.01E-03	1.09E-02	9.85E-04	2.05E+00	1.84E-07	7.84E-08	4.85E+00	2.22E-01	1.34E-03	8.13E-02	2.13E-02	1.97E-01	4.94E+01	1.37E+00	2.58E-07	6.37E-08	3.82E-03	6.31E-05	3.14E-01	3.93E-01	5.11E+01	2.82E-04	5.11E+01	5.25E+01	7.17E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-01
NBN132A	9.03E-03	8.75E-01	-2.12E-03	8.77E-01	9.51E-07	0.00E+00	4.52E+02	1.01E-04	6.06E-04	6.43E-03	1.09E-03	3.93E+00	1.24E-08	1.04E-07	8.35E+00	2.84E-01	1.47E-03	4.47E-02	1.43E-02	1.54E-01	3.24E+01	1.05E+00	9.89E-08	5.88E-08	2.55E-03	6.02E-05	3.99E-01	2.38E-01	3.34E+01	4.73E-04	3.34E+01	3.40E+01	6.37E-01	0.00E+00	0.00E+00	0.00E+00	6.14E-01
NBN132N	1.20E-02	1.54E+00	-4.76E-02	1.57E+00	1.63E-06	0.00E+00	9.26E+02	1.66E-04	1.37E-03	1.44E-02	1.19E-03	4.81E+00	2.24E-07	1.44E-07	1.01E+01	4.47E-01	1.68E-03	7.67E-02	1.82E-02	2.16E-01	4.75E+01	1.71E+00	2.55E-07	7.30E-08	4.23E-03	6.61E-05	5.47E-01	7.64E-01	4.65E+01	3.78E-03	4.65E+01	5.22E+01	8.17E-01	0.00E+00	0.00E+00	0.00E+00	7.27E-01
NBN140	1.13E-02	9.70E-01	-2.05E-03	9.53E-01	9.92E-07	0.00E+00	6.20E+02	1.23E-04	7.38E-04	7.81E-03	1.08E-03	5.07E+00	1.52E-08	1.27E-07	1.07E+01	3.18E-01	1.48E-03	4.34E-02	1.60E-02	1.80E-01	2.99E+01	1.06E+00	1.16E-07	7.23E-08	3.08E-03	6.54E-05	4.90E-01	2.62E-01	3.06E+01	4.76E-04	3.06E+01	3.17E+01	7.68E-01	0.00E+00	0.00E+00	0.00E+00	6.89E-01
NBN140N	1.24E-02	1.52E+00	-3.24E-02	1.55E+00	1.62E-06	0.00E+00	6.68E+02	1.72E-04	1.04E-03	1.15E-02	1.02E-03	4.87E+00	2.17E-07	1.41E-07	9.93E+00	4.55E-01	1.40E-03	7.72E-02	1.84E-02	2.07E-01	4.68E+01	1.37E+00	2.62E-07	7.29E-08	4.02E-03	6.73E-05	5.28E-01	3.96E-01	4.56E+01	3.55E-03	4.56E+01	5.15E+01	8.07E-01	0.00E+00	0.00E+00	0.00E+00	7.25E-01
NBN150	1.09E-02	1.01E+00	-1.51E-03	9.87E-01	9.66E-07	0.00E+00	4.42E+02	1.33E-04	7.71E-04	8.33E-03	1.06E-03	4.80E+00	1.96E-08	1.09E-07	9.91E+00	3.91E-01	1.45E-03	4.47E-02	1.56E-02	1.82E-01	3.30E+01	1.04E+00	1.27E-07	7.05E-08	3.22E-03	7.10E-05	5.28E-01	2.47E-01	3.34E+01	1.42E-03	3.34E+01	3.47E+01	7.69E-01	0.00E+00	0.00E+00	0.00E+00	6.62E-01
NBN150A	1.09E-02	1.01E+00	-1.51E-03	9.85E-01	9.65E-07	0.00E+00	4.42E+02	1.33E-04	7.71E-04	8.33E-03	1.06E-03	4.80E+00	1.96E-08	1.09E-07	9.91E+00	3.91E-01	1.44E-03	4.47E-02	1.56E-02	1.82E-01	3.30E+01	1.04E+00	1.27E-07	7.05E-08	3.22E-03	7.10E-05	5.28E-01	2.47E-01	3.34E+01	1.42E-03	3.34E+01	3.47E+01	7.69E-01	0.00E+00	0.00E+00	0.00E+00	6.62E-01
NBN150N	1.28E-02	1.53E+00	-2.49E-02	1.52E+00	1.67E-06	0.00E+00	6.90E+02	1.64E-04	1.03E-03	1.15E-02	1.02E-03	5.35E+00	3.06E-08	1.45E-07	1.13E+01	4.34E-01	1.40E-03	7.87E-02	2.19E-02	2.05E-01	4.64E+01	1.36E+00	2.88E-07	8.34E-08	3.99E-03	7.46E-05	5.82E-01	3.91E-01	4.55E+01	3.54E-03	4.55E+01	5.12E+01	8.37E-01	0.00E+00	0.00E+00	0.00E+00	9.05E-01
NBN163	1.23E-02	9.74E-01	4.55E-04	9.61E-01	9.96E-07	0.00E+00	6.11E+02	1.49E-04	7.41E-04	7.88E-03	1.10E-03	5.94E+00	1.77E-08	1.43E-07	1.24E+01	4.04E-01	1.51E-03	4.35E-02	1.82E-02	1.83E-01	2.92E+01	1.07E+00	1.17E-07	8.02E-08	3.11E-03	6.56E-05	5.98E-01	2.63E-01	3.00E+01	5.34E-04	3.00E+01	3.10E+01	8.10E-01	0.00E+00	0.00E+00	0.00E+00	7.84E-01
NBN163A	1.23E-02	9.64E-01	1.05E-03	9.49E-01	9.81E-07	0.00E+00	4.65E+02	1.49E-04	7.39E-04	7.88E-03	1.06E-03	5.91E+00	1.77E-08	1.43E-07	1.24E+01	4.05E-01	1.44E-03	4.35E-02	1.88E-02	1.83E-01	2.88E+01	1.03E+00	1.14E-07	8.04E-08	3.12E-03	6.57E-05	5.98E-01	2.45E-01	2.98E+01	5.27E-04	2.98E+01	3.08E+01	8.10E-01	0.00E+00	0.00E+00	0.00E+00	7.98E-01
NBN163N	1.30E-02	1.53E+00	-2.60E-02	1.54E+00	1.65E-06	0.00E+00	6.80E+02	1.74E-04	1.04E-03	1.15E-02	1.02E-03	6.22E+00	3.31E-08	1.61E-07	1.32E+01	4.77E-01	1.40E-03	7.98E-02	2.29E-02	2.07E-01	4.67E+01	1.36E+00	2.88E-07	8.43E-08	4.05E-03	7.44E-05	6.50E-01	3.91E-01	4.56E+01	3.54E-03	4.56E+01	5.12E+01	8.62E-01	0.00E+00	0.00E+00	0.00E+00	9.57E-01
NBN206N	1.38E-02	2.19E+00	-4.19E-02	2.20E+00	1.74E-06	0.00E+00	1.03E+03	7.33E-05	1.44E-03	1.57E-02	1.69E-03	2.80E+00	6.37E-08	7.31E-08	6.23E+00	2.18E-01	2.25E-03	9.83E-02	2.09E-02	2.95E-01	6.64E+01	1.92E+00	2.72E-07	7.92E-08	5.66E-03	1.43E-04	3.86E-01	7.82E-01	7.22E+01	3.19E-04	7.22E+01	6.85E+01	7.95E-01	0.00E+00	0.00E+00	0.00E+00	5.37E-01
NBN210A	1.33E-02	1.63E+00	-1.55E-02	1.65E+00	1.54E-06	0.00E+00	1.22E+03	7.76E-05	1.03E-03	1.12E-02	1.93E-03	3.50E+00	2.40E-08	8.46E-08	7.05E+00	1.89E-01	2.61E-03	8.44E-02	-1.80E+00	2.96E-01	6.71E+01	1.97E+00	1.71E-07	8.01E-08	4.18E-03	1.30E-04	5.45E-01	4.53E-01	6.91E+01	8.85E-04	6.91E+01	7.01E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	-7.72E+01
NBN210N	1.29E-02	2.23E+00	-4.23E-02	2.21E+00	1.72E-06	0.00E+00	1.03E+03	1.09E-04	1.47E-03	1.58E-02	1.64E-03	4.95E+00	6.43E-08	1.39E-07	1.01E+01	3.19E-01	2.17E-03	9.82E-02	2.57E-02	2.96E-01	6.64E+01	1.93E+00	2.71E-07	8.11E-08	4.88E-03	1.42E-04	5.30E-01	8.03E-01	7.22E+01	3.35E-04	7.22E+01	6.85E+01	8.72E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-01
NBN216A	1.38E-02	1.88E+00	-1.85E-02	1.91E+00	1.47E-06	0.00E+00	1.43E+03	1.05E-04	1.32E-03	1.45E-02	1.89E-03	4.50E+00	2.47E-08	1.17E-07	9.60E+00	2.55E-01	2.57E-03	7.74E-02	1.98E-02	2.99E-01	6.49E+01	2.16E+00	1.66E-07	9.11E-08	5.09E-03	1.23E-04	5.70E-01	5.44E-01	6.75E+01	7.00E-04	6.75E+01	6.76E+01	1.12E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-01
NBN220N	1.57E-02	2.25E+00	-4.06E-02	2.22E+00	1.88E-06	0.00E+00	1.04E+03	1.58E-04	1.51E-03	1.62E-02	1.70E-03	5.96E+00	2.56E-07	1.59E-07	1.31E+01	4.06E-01	2.26E-03	9.91E-02	2.96E-02	2.97E-01	6.63E+01	1.93E+00	2.83E-07	9.35E-08	5.79E-03	1.43E-04	6.91E-01	8.10E-01	7.20E+01	3.58E-04	7.20E+01	6.88E+01	8.98E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-01
NBN232A	1.58E-02	1.91E+00	-1.85E-02	1.95E+00	1.50E-06	0.00E+00	1.45E+03	1.31E-04	1.38E-03	1.48E-02	2.06E-03	5.69E+00	2.98E-08	1.42E-07	1.22E+01	3.32E-01	2.79E-03	7.92E-02	2.19E-02	3.31E-01	6.55E+01	2.45E+00	1.93E-07	1.01E-07	5.89E-03	1.28E-04	6.63E-01	5.55E-01	6.82E+01	7.05E-04	6.82E+01	6.84E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-01
NBN240N	2.30E-02	2.28E+00	-4.24E-02	2.27E+00	1.82E-06	0.00E+00	7.28E+02	2.80E-04	1.60E-03	1.77E-02	1.89E-03	6.96E+00	3.16E-07	2.08E-07	1.58E+01	7.28E-01	2.50E-03	9.72E-02	3.44E-02	3.66E-01	6.34E+01	1.91E+00	3.29E-07	1.40E-07	6.89E-03	1.45E-04	7.68E-01	8.26E-01	6.58E+01	4.41E-03	6.58E+01	6.81E+01	1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
NBN250N	2.42E-02	2.26E+00	-3.58E-02	2.21E+00	2.00E-06	0.00E+00	7.51E+02	2.52E-04	1.61E-03	1.79E-02	1.89E-03	7.04E+00	4.16E-08	2.04E-07	1.57E+01	6.82E-01	2.50E-03	9.84E-02	2.92E-02	3.67E-01	6.38E+01	1.90E+00	3.44E-07	1.62E-07	6.87E-03	1.53E-04	8.17E-01	8.26E-01	6.61E+01	4.44E-03	6.61E+01	6.81E+01	1.65E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NBN263N	2.68E-02	2.28E+00	-3.69E-02	2.24E+00	1.84E-06	0.00E+00	7.52E+02	2.71E-04	1.61E-03	1.78E-02	1.89E-03	9.02E+00	4.17E-08	2.39E-07	1.88E+01	7.27E-01	2.50E-03	9.89E-02	3.91E-02	3.78E-01	6.36E+01	1.90E+00	3.70E-07	1.71E-07	6.96E-03	1.53E-04	8.70E-01	8.26E-01	6.58E+01	4.46E-03	6.58E+01	6.77E+01	1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
NBN306N	1.87E-02	2.56E+00	-4.43E-02	2.70E+00	1.90E-06	0.00E+00	1.13E+03	1.31E-04	1.54E-03	1.70E-02	2.58E-03	5.38E+00	8.01E-08	1.46E-07	1.07E+01	3.79E-01	3.47E-03	1.31E-01	3.21E-02	3.59E-01	1.01E+02	2.43E+00	4.36E-07	1.16E-07	6.66E-03	1.54E-04	6.74E-01	9.94E-01	1.07E+02	3.99E-04	1.07E+02	1.06E+02	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
NBN310N	1.87E-02	2.57E+00	-4.50E-02	2.71E+00	2.01E-06	0.00E+00	1.14E+03	1.49E-04	1.56E-03	1.72E-02	2.58E-03	6.85E+00	1.01E-07	1.62E-07	1.35E+01	4.08E-01	3.48E-03	1.33E-01	3.27E-02	3.61E-01	1.01E+02	2.44E+00	4.40E-07	1.18E-07	6.72E-03	1.54E-04	8.21E-01	1.02E+00	1.07E+02	4.12E-04	1.07E+02	1.07E+02	1.57E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+00
NBN316	1.92E-02	2.53E+00	-2.22E-02	2.55E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.69E-03	1.83E-02	2.94E-03	5.87E+00	3.71E-08	1.38E-07	1.19E+01	2.83E-01	3.98E-03	1.27E-01	2.88E-02	4.77E-01	1.02E+02	2.95E+00	2.62E-07	1.28E-07	6.77E-03	2.00E-04	8.33E-01	6.84E-01	1.05E+02	1.36E-03	1.05E+02	1.06E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NBN316A	2.08E-02	2.47E+00	-2.26E-02	2.49E+00	2.31E-06	0.00E+00	1.85E+03	1.17E-04	1.57E-03	1.70E-02	2.94E-03	5.86E+00	3.63E-08	1.38E-07	1.19E+01	2.82E-01	3.98E-03	1.27E-01	-3.64E+00	4.39E-01	1.01E+02	2.99E+00	2.60E-07	1.25E-07	6.41E-03	1.92E-04	8.49E-01	6.84E-01	1.04E+02	1.36E-03	1.04E+02	1.06E+02	1.53E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
NBN316N	1.98E-02	2.58E+00	-4.50E-02	2.71E+00	2.00E-06	0.00E+00	1.10E+03	1.54E-04	1.60E-03	1.75E-02	2.58E-03	7.39E+00	2.06E-07	1.70E-07	1.47E+01	4.19E-01	3.48E-03	1.33E-01	3.55E-02	3.84E-01	1.02E+02	2.43E+00	4.41E-07	1.23E-07	6.77E-03	1.56E-04	8.24E-01	1.02E+00	1.08E+02	4.19E-04	1.08E+02	1.08E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NBN320A	2.16E-02	2.59E+00	-1.72E-02	2.61E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.77E-03	1.93E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	4.97E-01	1.01E+02	2.95E+00	2.76E-07	1.42E-07	7.17E-03	2.07E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NBN320N	2.05E-02	2.60E+00	-4.42E-02	2.71E+00	2.10E-06	0.00E+00	1.11E+03	2.01E-04	1.63E-03	1.78E-02	2.62E-03	7.70E+00	2.85E-07	1.86E-07	1.56E+01	4.89E-01	3.48E-03	1.32E-01	3.41E-02	3.83E-01	1.01E+02	2.45E+00	4.52E-07	1.25E-07	6.95E-03	1.56E-04	8.55E-01	1.03E+00	1.07E+02	4.52E-04	1.07E+02	1.06E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NBN325N	2.95E-02	2.63E+00	-4.46E-02	2.76E+00	1.96E-06	0.00E+00	1.11E+03	1.98E-04	1.76E-03	1.96E-02	3.15E-03	8.15E+00	3.22E-07	1.95E-07	1.66E+01	4.97E-01	4.17E-03	1.30E-01	4.62E-02	5.63E-01	1.01E+02	2.46E+00	4.64E-07	1.90E-07	8.37E-03	2.13E-04	8.04E-01	1.04E+00	1.07E+02	6.35E-04	1.07E+02	1.07E+02	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.58E+00
NBN332A	2.74E-02	2.67E+00	-5.86E-03	2.67E+00	2.44E-06	0.00E+00	1.31E+03	3.02E-04	1.90E-03	2.03E-02	3.27E-03	1.18E+01	3.69E-08	3.10E-07	2.50E+01	8.50E-01	4.42E-03	1.34E-01	4.29E-02	5.11E-01	9.76E+01	3.12E+00	3.01E-07	1.79E-07	7.94E-03	2.18E-04	1.20E+00	7.16E-01	1.01E+02	1.50E-03	1.01E+02	1.03E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NBN332N	3.36E-02	2.52E+00	-4.47E-02	2.66E+00	2.16E-06	0.00E+00	7.67E+02	4.29E-04	1.75E-03	1.98E-02	3.08E-03	1.09E+01	3.79E-07	3.16E-07	2.32E+01	1.08E+00	4.07E-03	1.28E-01	4.81E-02	6.06E-01	9.38E+01	2.11E+00	4.82E-07	2.06E-07	8.70E-03	2.11E-04	1.11E+00	1.06E+00	9.75E+01	6.79E-03	9.75E+01	9.89E+01	2.25E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
NBN340N	3.51E-02	2.54E+00	-4.56E-02	2.68E+00	2.19E-06	0.00E+00	7.66E+02	4.31E-04	1.77E-03	2.00E-02	3.08E-03	1.23E+01	3.85E-07	3.22E-07	2.55E+01	1.09E+00	4.08E-03	1.28E-01	4.83E-02	6.07E-01	9.39E+01	2.12E+00	6.07E-07	2.15E-07	8.83E-03	2.18E-04	1.14E+00	1.06E+00	9.79E+01	6.70E-03	9.79E+01	9.93E+01	2.30E+00	0.00E+00	0.00E+00	0.00E+00	2.08E+00
NBN350N	3.66E-02	2.54E+00	-3.86E-02	2.68E+00	2.18E-06	0.00E+00	7.85E+02	3.54E-04	1.77E-03	2.03E-02	3.04E-03	1.77E+01	5.70E-08	4.03E-07	3.45E+01	9.84E-01	4.07E-03	1.28E-01	4.60E-02	5.62E-01	9.35E+01	2.11E+00	5.63E-07	2.40E-07	8.86E-03	2.27E-04	1.36E+00	1.06E+00	9.70E+01	6.84E-03	9.70E+01	9.82E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.05E+00
NBN363A	3.69E-02	2.66E+00	9.09E-03	2.65E+00	2.53E-06	0.00E+00	1.32E+03	4.65E-04	2.07E-03	2.24E-02	3.36E-03	1.84E+01	4.16E-08	4.38E-07	3.91E+01	1.35E+00	4.54E-03	1.29E-01	5.38E-02	5.83E-01	8.44E+01	3.12E+00	3.39E-07	2.38E-07	8.94E-03	2.39E-04	1.62E+00	7.25E-01	8.75E+01	1.79E-03	8.75E+01	8.99E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NBN363N	3.74E-02	2.54E+00	-4.02E-02	2.68E+00	2.18E-06	0.00E+00	7.85E+02	3.51E-04	1.77E-03	2.02E-02	3.04E-03	1.79E+01	5.71E-08	4.03E-07	3.48E+01	9.84E-01	4.07E-03	1.28E-01	4.85E-02	5.81E-01	9.36E+01	2.11E+00	6.08E-07	2.45E-07	9.01E-03	2.29E-04	1.37E+00	1.06E+00	9.71E+01	6.79E-03	9.71E+01	9.82E+01	2.37E+00	0.00E+00	0.00E+00	0.00E+00	2.17E+00
NBN410	2.52E-02	3.15E+00	-3.24E-02	3.14E+00	2.39E-06	0.00E+00	2.36E+03	1.54E-04	2.10E-03	2.28E-02	3.79E-03	7.75E+00	4.60E-08	1.77E-07	1.53E+01	3.75E-01	5.16E-03	1.66E-01	3.68E-02	6.40E-01	1.31E+02	3.73E+00	3.67E-07	1.73E-07	8.92E-03	2.49E-04	1.05E+00	9.07E-01	1.33E+02	8.87E-04	1.33E+02	1.33E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
NBN416A	2.63E-02	3.19E+00	-3.78E-02	3.23E+00	2.39E-06	0.00E+00	2.37E+03	1.67E-04	2.26E-03	2.44E-02	3.88E-03	8.31E+00	4.60E-08	1.86E-07	1.68E+01	3.97E-01	5.29E-03	1.65E-01	3.83E-02	6.36E-01	1.31E+02	3.73E+00	3.67E-07	1.76E-07	9.11E-03	2.63E-04	1.08E+00	9.39E-01	1.34E+02	1.79E-03	1.34E+02	1.34E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
NBN416N	2.79E-02	2.68E+00	-4.48E-02	2.82E+00	2.16E-06	0.00E+00	1.28E+03	1.88E-04	1.86E-03	2.08E-02	3.68E-03	8.77E+00	2.51E-07	2.32E-07	1.74E+01	4.70E-01	4.98E-03	1.35E-01	4.45E-02	6.28E-01	1.07E+02	2.49E+00	5.05E-07	1.83E-07	8.78E-03	2.41E-04	8.73E-01	1.10E+00	1.12E+02	6.51E-04	1.12E+02	1.12E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
NBN425N	3.66E-02	2.68E+00	-4.36E-02	2.82E+00	2.24E-06	0.00E+00	1.28E+03	4.62E-04	2.01E-03	2.25E-02	4.07E-03	1.24E+01	3.56E-07	3.14E-07	2.67E+01	1.17E+00	5.45E-03	1.33E-01	5.31E-02	6.17E-01	1.07E+02	2.51E+00	5.47E-07	2.29E-07	9.95E-03	2.68E-04	1.02E+00	1.11E+00	1.13E+02	1.84E-03	1.13E+02	1.12E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+00
NBN432N	3.74E-02	2.57E+00	-4.39E-02	2.73E+00	2.34E-06	0.00E+00	8.16E+02	5.60E-04	1.99E-03	2.24E-02	4.01E-03	1.35E+01	3.91E-07	3.45E-07	2.87E+01	1.39E+00	5.37E-03	1.30E-01	5.37E-02	6.21E-01	9.55E+01	2.18E+00	5.63E-07	2.30E-07	9.98E-03	2.53E-04	1.17E+00	1.11E+00	9.98E+01	6.59E-03	9.98E+01	1.02E+02	2.38E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
NBN516	1.27E-02	1.66E+00	-1.48E-02	1.68E+00	1.51E-06	0.00E+00	1.20E+03	7.73E-05	1.09E-03	1.18E-02	1.95E-03	3.91E+00	2.47E-08	9.17E-08	7.93E+00	1.89E-01	2.64E-03	8.44E-02	1.92E-02	3.16E-01	6.76E+01	1.95E+00	1.75E-07	8.44E-08	4.39E-03	1.33E-04	5.51E-01	4.56E-01	6.95E+01	8.90E-04	6.95E+01	7.05E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-01
NBN520	1.43E-02	1.88E+00	-1.85E-02	1.91E+00	1.47E-06	0.00E+00	1.43E+03	1.07E-04	1.32E-03	1.47E-02	1.97E-03	4.50E+00	2.51E-08	1.20E-07	9.60E+00	2.55E-01	2.68E-03	7.74E-02	2.04E-02	3.08E-01	6.54E+01	2.20E+00	1.83E-07	9.36E-08	5.57E-03	1.23E-04	5.88E-01	5.46E-01	6.82E+01	7.00E-04	6.82E+01	6.80E+01	1.18E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-01
NBN606	2.46E-02	3.47E+00	-2.92E-02	3.50E+00	2.44E-06	0.00E+00	1.72E+03	1.52E-04	2.34E-03	2.45E-02	4.04E-03	6.44E+00	4.60E-08	2.30E-07	1.28E+01	3.77E-01	5.47E-03	1.70E-01	3.98E-02	6.61E-01	1.39E+02	4.12E+00	3.42E-07	1.66E-07	9.22E-03	2.71E-04	1.18E+00	9.24E-01	1.43E+02	1.81E-03	1.43E+02	1.45E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
NBN610	2.45E-02	3.33E+00	-3.04E-02	3.36E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.22E-03	2.40E-02	3.85E-03	7.02E+00	4.92E-08	1.69E-07	1.41E+01	3.77E-01	5.22E-03	1.69E-01	3.71E-02	6.41E-01	1.35E+02	3.90E+00	3.45E-07	1.63E-07	8.84E-03	2.71E-04	1.07E+00	9.05E-01	1.39E+02	1.81E-03	1.39E+02	1.41E+02	1.98E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
NBN616	2.55E-02	3.35E+00	-2.96E-02	3.37E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.21E-03	2.39E-02	3.91E-03	7.82E+00	4.94E-08	1.84E-07	1.58E+01	3.76E-01	5.29E-03	1.69E-01	3.84E-02	6.32E-01	1.35E+02	3.91E+00	3.50E-07	1.69E-07	8.91E-03	2.66E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NBN620	2.88E-02	3.45E+00	-2.29E-02	3.47E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.35E-03	2.57E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.49E-03	1.73E-01	4.43E-02	6.58E-01	1.35E+02	3.91E+00	3.68E-07	1.89E-07	9.56E-03	2.75E-04	1.24E+00	9.25E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NBN625	2.84E-02	3.39E+00	-2.29E-02	3.42E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.20E-03	2.40E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.49E-03	1.73E-01	4.43E-02	6.56E-01	1.34E+02	3.91E+00	3.68E-07	1.87E-07	9.12E-03	2.74E-04	1.24E+00	9.25E-01	1.38E+02	1.85E-03	1.38E+02	1.40E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NBN632	3.64E-02	3.52E+00	-7.85E-03	3.53E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.47E-03	2.62E-02	4.35E-03	1.57E+01	4.91E-08	4.14E-07	3.34E+01	1.13E+00	5.89E-03	1.79E-01	5.72E-02	6.76E-01	1.30E+02	4.14E+00	4.01E-07	2.37E-07	1.04E-02	2.89E-04	1.57E+00	9.54E-01	1.34E+02	2.02E-03	1.34E+02	1.36E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NBN640	4.73E-02	3.47E+00	1.13E-02	3.46E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.68E-03	2.90E-02	4.40E-03	2.38E+01	5.24E-08	5.69E-07	5.06E+01	1.80E+00	5.96E-03	1.72E-01	6.96E-02	7.20E-01	1.11E+02	4.14E+00	4.48E-07	3.05E-07	1.16E-02	3.16E-04	2.05E+00	9.59E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NBN650	4.80E-02	3.48E+00	1.21E-02	3.47E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.68E-03	2.90E-02	4.44E-03	2.43E+01	5.27E-08	5.79E-07	5.18E+01	1.80E+00	6.01E-03	1.72E-01	7.06E-02	6.99E-01	1.11E+02	4.14E+00	4.51E-07	3.04E-07	1.16E-02	3.16E-04	2.05E+00	9.63E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
NC101E	8.33E-03	8.84E-01	-8.34E-03	8.98E-01	3.54E-07	0.00E+00	4.07E+02	4.48E-05	5.63E-04	6.02E-03	1.07E-03	2.04E+00	1.10E-08	6.92E-08	4.65E+00	1.29E-01	1.45E-03	5.11E-02	1.18E-02	1.73E-01	3.70E+01	8.24E-01	1.42E-07	5.10E-08	2.50E-03	5.74E-05	2.77E-01	2.29E-01	3.81E+01	2.79E-03	3.81E+01	3.90E+01	5.09E-01	0.00E+00	0.00E+00	0.00E+00	5.04E-01
NC104E	8.28E-03	8.86E-01	-8.38E-03	8.99E-01	3.50E-07	0.00E+00	4.08E+02	4.53E-05	5.62E-04	6.01E-03	1.07E-03	2.01E+00	9.92E-09	6.50E-08	4.46E+00	1.26E-01	1.44E-03	5.01E-02	1.19E-02	1.78E-01	3.71E+01	8.24E-01	1.42E-07	5.08E-08	2.49E-03	5.52E-05	2.79E-01	2.22E-01	3.82E+01	2.79E-03	3.82E+01	3.90E+01	5.05E-01	0.00E+00	0.00E+00	0.00E+00	5.09E-01
NC106A	6.13E-03	8.55E-01	-9.59E-03	8.64E-01	9.10E-07	0.00E+00	6.89E+02	2.52E-05	5.13E-04	5.51E-03	9.17E-04	1.09E+00	7.07E-09	3.15E-08	2.29E+00	5.24E-02	1.24E-03	4.98E-02	8.84E-03	1.05E-01	3.71E+01	9.55E-01	1.23E-07	3.86E-08	2.06E-03	4.07E-05	1.37E-01	2.09E-01	3.80E+01	9.67E-05	3.80E+01	3.84E+01	3.47E-01	0.00E+00	0.00E+00	0.00E+00	3.80E-01
NC110A	6.13E-03	8.57E-01	-9.45E-03	8.67E-01	9.10E-07	0.00E+00	6.90E+02	2.53E-05	5.15E-04	5.53E-03	9.20E-04	1.09E+00	6.99E-09	3.17E-08	2.29E+00	5.24E-02	1.25E-03	4.95E-02	8.92E-03	1.09E-01	3.71E+01	9.56E-01	1.24E-07	3.86E-08	2.06E-03	4.19E-05	1.42E-01	2.10E-01	3.81E+01	9.68E-05	3.81E+01	3.84E+01	3.52E-01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
NC110E	6.46E-03	8.70E-01	-9.46E-03	8.80E-01	3.75E-07	0.00E+00	6.92E+02	2.54E-05	5.12E-04	5.51E-03	9.13E-04	1.41E+00	7.09E-09	3.56E-08	2.96E+00	5.22E-02	1.24E-03	4.95E-02	9.01E-03	1.12E-01	3.68E+01	9.48E-01	1.25E-07	4.14E-08	2.07E-03	4.20E-05	1.44E-01	2.10E-01	3.78E+01	1.09E-04	3.78E+01	3.84E+01	3.61E-01	0.00E+00	0.00E+00	0.00E+00	3.86E-01
NC113A	6.47E-03	8.62E-01	-8.92E-03	8.72E-01	8.71E-07	0.00E+00	6.91E+02	2.63E-05	5.24E-04	5.67E-03	9.37E-04	1.56E+00	7.13E-09	3.89E-08	3.17E+00	5.24E-02	1.27E-03	4.95E-02	9.57E-03	1.17E-01	3.69E+01	9.47E-01	1.25E-07	4.16E-08	2.13E-03	4.27E-05	1.59E-01	2.11E-01	3.80E+01	1.10E-04	3.80E+01	3.86E+01	3.70E-01	0.00E+00	0.00E+00	0.00E+00	4.14E-01
NC116A	6.35E-03	8.62E-01	-9.23E-03	8.71E-01	9.10E-07	0.00E+00	6.90E+02	2.53E-05	5.19E-04	5.58E-03	9.32E-04	1.26E+00	7.03E-09	3.47E-08	2.66E+00	5.24E-02	1.26E-03	4.95E-02	9.18E-03	1.09E-01	3.72E+01	9.56E-01	1.25E-07	4.00E-08	2.09E-03	4.24E-05	1.47E-01	2.11E-01	3.81E+01	9.86E-05	3.81E+01	3.85E+01	3.58E-01	0.00E+00	0.00E+00	0.00E+00	3.94E-01
NC120A	6.63E-03	8.68E-01	-9.03E-03	8.77E-01	9.10E-07	0.00E+00	6.91E+02	2.53E-05	5.25E-04	5.65E-03	9.44E-04	1.42E+00	7.33E-09	3.77E-08	3.00E+00	5.24E-02	1.28E-03	4.95E-02	9.52E-03	1.14E-01	3.73E+01	9.59E-01	1.26E-07	4.17E-08	2.13E-03	4.28E-05	1.52E-01	2.12E-01	3.82E+01	1.00E-04	3.82E+01	3.86E+01	3.64E-01	0.00E+00	0.00E+00	0.00E+00	4.09E-01
NC125A	7.23E-03	8.78E-01	-8.66E-03	8.86E-01	9.10E-07	0.00E+00	6.89E+02	2.52E-05	5.38E-04	5.80E-03	9.69E-04	1.81E+00	7.69E-09	4.46E-08	3.85E+00	5.23E-02	1.31E-03	4.97E-02	1.02E-02	1.14E-01	3.73E+01	9.56E-01	1.28E-07	4.53E-08	2.21E-03	4.29E-05	1.47E-01	2.15E-01	3.83E+01	1.04E-04	3.83E+01	3.87E+01	3.62E-01	0.00E+00	0.00E+00	0.00E+00	4.37E-01
NC132A	9.64E-03	8.57E-01	-2.57E-03	8.59E-01	9.88E-07	0.00E+00	3.67E+02	1.49E-04	5.87E-04	6.41E-03	1.06E-03	3.52E+00	1.60E-07	9.68E-08	7.43E+00	3.91E-01	1.44E-03	5.07E-02	1.39E-02	1.68E-01	3.22E+01	7.37E-01	1.45E-07	6.05E-08	2.62E-03	5.59E-05	3.55E-01	2.23E-01	3.28E+01	1.97E-03	3.28E+01	3.35E+01	5.79E-01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
NC140A	1.01E-02	1.00E+00	-2.91E-03	9.95E-01	1.01E-06	0.00E+00	4.91E+02	1.63E-04	7.50E-04	7.90E-03	1.11E-03	3.67E+00	1.82E-07	9.93E-08	7.52E+00	4.35E-01	1.52E-03	5.03E-02	1.41E-02	1.75E-01	3.40E+01	7.92E-01	1.45E-07	6.24E-08	3.29E-03	6.59E-05	4.17E-01	2.53E-01	3.49E+01	1.96E-03	3.49E+01	3.56E+01	6.18E-01	0.00E+00	0.00E+00	0.00E+00	6.04E-01
NC202E	1.63E-02	1.71E+00	-1.12E-02	1.71E+00	1.21E-06	0.00E+00	7.38E+02	7.08E-05	1.13E-03	1.21E-02	2.00E-03	2.28E+00	1.64E-08	7.51E-08	4.95E+00	2.02E-01	2.64E-03	9.76E-02	2.32E-02	3.41E-01	6.91E+01	1.67E+00	2.93E-07	1.03E-07	4.90E-03	1.23E-04	4.46E-01	4.10E-01	7.11E+01	3.83E-03	7.11E+01	7.24E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00
NC204E	1.68E-02	1.73E+00	-1.05E-02	1.76E+00	1.21E-06	0.00E+00	8.11E+02	1.08E-04	1.15E-03	1.23E-02	2.08E-03	4.24E+00	1.74E-08	1.26E-07	8.80E+00	2.81E-01	2.75E-03	9.76E-02	2.41E-02	3.41E-01	6.90E+01	1.73E+00	2.99E-07	1.06E-07	5.01E-03	1.33E-04	5.38E-01	4.32E-01	7.10E+01	3.92E-03	7.10E+01	7.23E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
NC206A	1.20E-02	1.61E+00	-1.71E-02	1.61E+00	1.51E-06	0.00E+00	1.16E+03	4.89E-05	9.78E-04	1.06E-02	1.75E-03	2.16E+00	1.39E-08	6.01E-08	4.44E+00	1.06E-01	2.31E-03	9.25E-02	1.35E-02	2.39E-01	6.99E+01	1.79E+00	2.49E-07	7.16E-08	4.10E-03	1.05E-04	2.65E-01	3.82E-01	7.16E+01	2.12E-04	7.16E+01	7.25E+01	6.11E-01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
NC210A	1.23E-02	1.70E+00	-1.85E-02	1.72E+00	1.50E-06	0.00E+00	1.37E+03	5.06E-05	1.02E-03	1.10E-02	1.83E-03	2.19E+00	1.40E-08	6.29E-08	4.61E+00	1.04E-01	2.48E-03	9.60E-02	1.76E-02	2.49E-01	7.25E+01	1.93E+00	2.50E-07	7.80E-08	4.12E-03	1.08E-04	3.10E-01	4.19E-01	7.45E+01	1.98E-04	7.45E+01	7.52E+01	7.29E-01	0.00E+00	0.00E+00	0.00E+00	7.57E-01

NC213A	1.29E-02	1.71E+00	-1.81E-02	1.73E+00	1.50E-06	0.00E+00	1.37E+03	5.06E-05	1.04E-03	1.11E-02	1.86E-03	2.53E+00	1.46E-08	6.94E-08	5.36E+00	1.04E-01	2.51E-03	9.60E-02	1.84E-02	2.58E-01	7.27E+01	1.93E+00	2.52E-07	8.18E-08	4.20E-03	1.09E-04	3.21E-01	4.22E-01	7.47E+01	2.02E-04	7.47E+01	7.54E+01	7.43E-01	0.00E+00	0.00E+00	0.00E+00	7.89E-01
NC216A	1.27E-02	1.70E+00	-1.83E-02	1.72E+00	1.52E-06	0.00E+00	1.37E+03	5.05E-05	1.03E-03	1.10E-02	1.85E-03	2.52E+00	1.40E-08	6.83E-08	5.29E+00	1.04E-01	2.51E-03	9.60E-02	1.80E-02	2.39E-01	7.23E+01	1.93E+00	2.51E-07	8.01E-08	4.17E-03	1.07E-04	2.75E-01	4.21E-01	7.42E+01	2.42E-04	7.42E+01	7.49E+01	6.96E-01	0.00E+00	0.00E+00	0.00E+00	7.75E-01
NC220A	1.43E-02	1.72E+00	-1.72E-02	1.74E+00	1.47E-06	0.00E+00	1.53E+03	5.22E-05	1.20E-03	1.27E-02	1.95E-03	3.17E+00	1.56E-08	8.11E-08	7.90E+00	1.09E-01	2.64E-03	9.54E-02	2.10E-02	2.86E-01	7.20E+01	2.22E+00	2.57E-07	9.44E-08	4.50E-03	1.09E-04	3.36E-01	4.35E-01	7.44E+01	2.53E-04	7.44E+01	7.51E+01	8.56E-01	0.00E+00	0.00E+00	0.00E+00	8.91E-01
NC306A	1.84E-02	2.52E+00	-2.81E-02	2.55E+00	1.91E-06	0.00E+00	2.06E+03	7.57E-05	1.52E-03	1.64E-02	2.72E-03	3.26E+00	2.11E-08	9.34E-08	6.88E+00	1.55E-01	3.68E-03	1.43E-01	2.61E-02	3.60E-01	1.08E+02	2.88E+00	3.73E-07	1.17E-07	6.13E-03	1.58E-04	4.35E-01	6.26E-01	1.10E+02	3.80E-04	1.10E+02	1.12E+02	1.06E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NC310A	1.84E-02	2.53E+00	-2.76E-02	2.56E+00	2.32E-06	0.00E+00	2.06E+03	7.59E-05	1.53E-03	1.64E-02	2.73E-03	3.28E+00	2.09E-08	9.40E-08	6.92E+00	1.56E-01	3.70E-03	1.42E-01	2.63E-02	3.74E-01	1.08E+02	2.90E+00	3.75E-07	1.17E-07	6.15E-03	1.63E-04	4.71E-01	6.27E-01	1.11E+02	3.00E-04	1.11E+02	1.12E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
NC313A	2.03E-02	2.50E+00	-2.30E-02	2.53E+00	2.20E-06	0.00E+00	1.38E+03	7.01E-05	1.44E-03	1.58E-02	2.79E-03	4.05E+00	2.03E-08	1.11E-07	8.59E+00	1.52E-01	3.76E-03	1.43E-01	2.69E-02	3.77E-01	1.08E+02	2.59E+00	3.75E-07	1.28E-07	6.41E-03	1.65E-04	4.70E-01	4.84E-01	1.10E+02	3.46E-04	1.10E+02	1.12E+02	1.08E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
NC316A	1.91E-02	2.54E+00	-2.70E-02	2.57E+00	2.32E-06	0.00E+00	2.06E+03	7.59E-05	1.54E-03	1.66E-02	2.77E-03	3.78E+00	2.10E-08	1.03E-07	8.03E+00	1.56E-01	3.74E-03	1.42E-01	2.71E-02	3.76E-01	1.08E+02	2.90E+00	3.78E-07	1.21E-07	6.24E-03	1.64E-04	4.84E-01	6.31E-01	1.11E+02	3.05E-04	1.11E+02	1.12E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NC320A	2.01E-02	2.57E+00	-2.62E-02	2.59E+00	2.32E-06	0.00E+00	2.06E+03	7.60E-05	1.57E-03	1.69E-02	2.81E-03	4.38E+00	2.20E-08	1.14E-07	9.35E+00	1.56E-01	3.81E-03	1.43E-01	2.83E-02	3.90E-01	1.08E+02	2.91E+00	3.82E-07	1.28E-07	6.40E-03	1.66E-04	5.05E-01	6.35E-01	1.11E+02	3.12E-04	1.11E+02	1.12E+02	1.14E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NC325A	2.17E-02	2.59E+00	-2.53E-02	2.62E+00	1.91E-06	0.00E+00	2.06E+03	7.57E-05	1.60E-03	1.72E-02	2.88E-03	5.43E+00	2.30E-08	1.33E-07	1.16E+01	1.55E-01	3.89E-03	1.43E-01	3.01E-02	3.89E-01	1.08E+02	2.88E+00	3.88E-07	1.37E-07	6.60E-03	1.64E-04	4.65E-01	6.42E-01	1.11E+02	4.04E-04	1.11E+02	1.12E+02	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
NC332A	2.87E-02	2.49E+00	-7.07E-03	2.50E+00	2.57E-06	0.00E+00	1.06E+03	4.34E-04	1.74E-03	1.88E-02	3.15E-03	1.05E+01	4.79E-07	2.87E-07	2.25E+01	1.13E+00	4.26E-03	1.47E-01	4.04E-02	5.20E-01	9.27E+01	2.22E+00	4.39E-07	1.81E-07	7.65E-03	1.97E-04	1.11E+00	6.68E-01	9.49E+01	5.95E-03	9.49E+01	9.67E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+00
NC340A	2.88E-02	2.53E+00	-6.77E-03	2.53E+00	2.57E-06	0.00E+00	1.06E+03	4.34E-04	1.75E-03	1.90E-02	3.15E-03	1.05E+01	4.79E-07	2.87E-07	2.25E+01	1.13E+00	4.26E-03	1.47E-01	4.05E-02	5.23E-01	9.33E+01	2.23E+00	5.19E-07	1.82E-07	7.71E-03	1.98E-04	1.11E+00	6.68E-01	9.56E+01	5.83E-03	9.56E+01	9.73E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
NC350A	3.78E-02	2.63E+00	1.04E-02	2.62E+00	2.53E-06	0.00E+00	1.05E+03	4.62E-04	1.92E-03	2.10E-02	3.31E-03	1.83E+01	2.16E-08	4.13E-07	3.77E+01	1.35E+00	4.49E-03	1.48E-01	5.22E-02	6.06E-01	9.08E+01	2.21E+00	5.68E-07	2.46E-07	8.80E-03	2.49E-04	1.53E+00	6.85E-01	9.31E+01	6.53E-03	9.31E+01	9.53E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
NC363A	3.84E-02	2.65E+00	1.06E-02	2.64E+00	2.53E-06	0.00E+00	1.05E+03	4.63E-04	1.93E-03	2.12E-02	3.33E-03	1.85E+01	2.28E-08	4.18E-07	3.81E+01	1.35E+00	4.51E-03	1.49E-01	5.29E-02	6.47E-01	9.14E+01	2.21E+00	5.69E-07	2.54E-07	8.88E-03	2.50E-04	1.58E+00	6.87E-01	9.37E+01	6.54E-03	9.37E+01	9.59E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
NC406A	2.39E-02	2.51E+00	-2.53E-02	2.53E+00	2.37E-06	0.00E+00	1.41E+03	9.09E-05	1.61E-03	1.78E-02	3.63E-03	4.15E+00	2.12E-08	1.23E-07	9.16E+00	2.00E-01	4.91E-03	1.83E-01	3.51E-02	4.85E-01	1.37E+02	2.69E+00	4.99E-07	1.55E-07	7.85E-03	2.11E-04	5.97E-01	6.11E-01	1.41E+02	3.99E-04	1.41E+02	1.42E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+00
NC410A	2.43E-02	2.57E+00	-2.88E-02	2.55E+00	2.34E-06	0.00E+00	2.00E+03	9.66E-05	1.66E-03	1.84E-02	3.74E-03	6.31E+00	2.33E-08	1.51E-07	1.31E+01	2.05E-01	5.08E-03	1.85E-01	3.66E-02	4.95E-01	1.37E+02	2.72E+00	5.07E-07	1.61E-07	8.31E-03	2.11E-04	6.19E-01	6.39E-01	1.41E+02	4.63E-04	1.41E+02	1.42E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+00
NC416A	2.46E-02	2.53E+00	-2.49E-02	2.54E+00	2.32E-06	0.00E+00	1.46E+03	9.67E-05	1.66E-03	1.84E-02	3.74E-03	6.47E+00	2.31E-08	1.54E-07	1.37E+01	2.05E-01	5.08E-03	1.85E-01	3.76E-02	4.94E-01	1.37E+02	2.69E+00	5.12E-07	1.62E-07	8.41E-03	2.13E-04	6.28E-01	6.29E-01	1.41E+02	4.90E-04	1.41E+02	1.42E+02	1.46E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
NC420A	2.49E-02	3.25E+00	-3.47E-02	3.29E+00	2.34E-06	0.00E+00	2.36E+03	1.07E-04	2.13E-03	2.29E-02	3.77E-03	6.72E+00	2.86E-08	1.63E-07	1.41E+01	2.37E-01	5.11E-03	1.85E-01	3.86E-02	5.12E-01	1.37E+02	3.54E+00	5.13E-07	1.65E-07	8.60E-03	2.18E-04	6.62E-01	8.71E-01	1.41E+02	5.18E-04	1.41E+02	1.42E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
NC425A	2.98E-02	2.53E+00	-2.69E-02	2.55E+00	2.25E-06	0.00E+00	1.81E+03	2.81E-04	1.74E-03	1.95E-02	3.98E-03	8.75E+00	2.43E-08	2.19E-07	1.97E+01	7.81E-01	5.41E-03	1.84E-01	4.16E-02	5.19E-01	1.37E+02	2.70E+00	5.27E-07	1.86E-07	8.98E-03	2.31E-04	7.98E-01	6.40E-01	1.41E+02	1.99E-03	1.41E+02	1.42E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
NC432A	3.59E-02	3.35E+00	-9.10E-03	3.36E+00	2.72E-06	0.00E+00	1.12E+03	5.78E-04	2.32E-03	2.52E-02	4.23E-03	1.26E+01	6.14E-07	3.65E-07	2.75E+01	1.48E+00	5.71E-03	1.97E-01	5.09E-02	6.73E-01	1.25E+02	2.95E+00	5.99E-07	2.31E-07	1.02E-02	2.61E-04	1.40E+00	8.92E-01	1.27E+02	7.29E-03	1.27E+02	1.29E+02	2.32E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
NC450A	4.86E-02	2.59E+00	1.21E-02	2.56E+00	2.63E-06	0.00E+00	8.10E+02	6.07E-04	1.95E-03	2.23E-02	4.35E-03	2.30E+01	2.42E-08	5.32E-07	4.72E+01	1.67E+00	5.90E-03	1.88E-01	6.58E-02	8.26E-01	1.23E+02	2.23E+00	7.16E-07	3.18E-07	1.05E-02	3.24E-04	1.94E+00	6.70E-01	1.26E+02	7.71E-03	1.26E+02	1.30E+02	2.86E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+00
NCN025	7.13E-03	8.65E-01	-5.89E-03	8.71E-01	9.31E-07	0.00E+00	6.16E+02	6.48E-05	5.64E-04	6.15E-03	1.02E-03	2.57E+00	1.29E-08	5.94E-08	5.33E+00	1.74E-01	1.38E-03	4.51E-02	1.12E-02	1.50E-01	3.46E+01	9.85E-01	9.05E-08	4.68E-08	2.31E-03	5.72E-05	3.19E-01	2.32E-01	3.56E+01	4.31E-04	3.56E+01	3.61E+01	5.51E-01	0.00E+00	0.00E+00	0.00E+00	4.80E-01
NCN040	1.17E-02	8.66E-01	2.68E-03	8.64E-01	9.80E-07	0.00E+00	4.34E+02	1.56E-04	6.47E-04	7.00E-03	1.09E-03	5.94E+00	1.31E-08	1.41E-07	1.27E+01	4.51E-01	1.48E-03	4.49E-02	1.74E-02	1.66E-01	2.85E+01	1.01E+00	1.10E-07	7.54E-08	2.82E-03	6.71E-05	5.23E-01	2.39E-01	2.95E+01	5.67E-04	2.95E+01	3.03E+01	7.61E-01	0.00E+00	0.00E+00	0.00E+00	7.49E-01
NCN100A	8.51E-03	9.69E-01	-8.70E-03	9.52E-01	9.57E-07	0.00E+00	6.93E+02	5.28E-05	7.15E-04	7.57E-03	1.06E-03	2.16E+00	1.83E-08	5.65E-08	4.20E+00	1.66E-01	1.49E-03	4.28E-02	1.15E-02	1.73E-01	3.00E+01	1.11E+00	1.12E-07	5.43E-08	2.85E-03	5.96E-05	3.31E-01	2.76E-01	3.09E+01	3.90E-04	3.09E+01	3.15E+01	6.58E-01	0.00E+00	0.00E+00	0.00E+00	4.97E-01
NCN100N	6.94E-03	1.54E+00	-3.02E-02	1.52E+00	1.56E-06	0.00E+00	6.89E+02	3.66E-05	8.92E-04	1.01E-02	9.28E-04	1.53E+00	3.52E-08	5.56E-08	3.69E+00	1.39E-01	1.26E-03	7.81E-02	8.73E-03	1.14E-01	4.78E+01	1.36E+00	2.39E-07	4.18E-08	3.31E-03	5.60E-05	3.03E-01	3.50E-01	4.65E+01	3.49E-03	4.65E+01	5.14E+01	4.63E-01	0.00E+00	0.00E+00	0.00E+00	3.61E-01
NCN101N	6.94E-03	1.54E+00	-3.02E-02	1.52E+00	1.56E-06	0.00E+00	6.89E+02	3.66E-05	8.92E-04	1.01E-02	9.28E-04	1.53E+00	3.52E-08	5.56E-08	3.70E+00	1.39E-01	1.26E-03	7.81E-02	8.73E-03	1.14E-01	4.78E+01	1.36E+00	2.39E-07	4.18E-08	3.31E-03	5.60E-05	3.03E-01	3.50E-01	4.65E+01	3.49E-03	4.65E+01	5.14E+01	4.63E-01	0.00E+00	0.00E+00	0.00E+00	3.61E-01
NCN102A	8.43E-03	9.70E-01	-1.33E-02	9.52E-01	9.56E-07	0.00E+00	1.03E+03	5.26E-05	7.16E-04	7.58E-03	1.06E-03	2.19E+00	1.34E-08	5.55E-08	4.24E+00	1.66E-01	1.49E-03	4.28E-02	1.14E-02	1.87E-01	3.00E+01	1.08E+00	1.12E-07	5.44E-08	2.89E-03	6.15E-05	3.34E-01	2.77E-01	3.09E+01	3.87E-04	3.09E+01	3.14E+01	6.73E-01	0.00E+00	0.00E+00	0.00E+00	4.94E-01
NCN102N	6.94E-03	1.54E+00	-3.02E-02	1.52E+00	1.55E-06	0.00E+00	6.87E+02	3.66E-05	8.92E-04	1.01E-02	9.28E-04	1.53E+00	3.27E-08	5.56E-08	3.70E+00	1.39E-01	1.26E-03	7.84E-02	8.73E-03	1.14E-01	4.80E+01	1.36E+00	2.39E-07	4.18E-08	3.31E-03	5.56E-05	3.03E-01	3.50E-01	4.67E+01	3.49E-03	4.67E+01	5.16E+01	4.64E-01	0.00E+00	0.00E+00	0.00E+00	3.61E-01
NCN103N	6.94E-03	1.53E+00	-3.02E-02	1.52E+00	1.56E-06	0.00E+00	6.87E+02	3.66E-05	8.93E-04	1.01E-02	9.28E-04	1.55E+00	3.20E-08	5.53E-08	3.73E+00	1.38E-01	1.26E-03	7.85E-02	8.74E-03	1.14E-01	4.79E+01	1.33E+00	2.39E-07	4.18E-08	3.31E-03	5.70E-05	3.07E-01	3.50E-01	4.67E+01	3.49E-03	4.67E+01	5.14E+01	4.75E-01	0.00E+00	0.00E+00	0.00E+00	3.63E-01
NCN104N	6.94E-03	1.53E+00	-3.02E-02	1.52E+00	1.55E-06	0.00E+00	6.87E+02	3.65E-05	8.93E-04	1.01E-02	9.28E-04	1.55E+00	3.25E-08	5.53E-08	3.73E+00	1.38E-01	1.26E-03	7.84E-02	8.73E-03	1.14E-01	4.80E+01	1.33E+00	2.39E-07	4.18E-08	3.31E-03	5.74E-05	3.07E-01	3.50E-01	4.68E+01	3.49E-03	4.68E+01	5.16E+01	4.74E-01	0.00E+00	0.00E+00	0.00E+00	3.62E-01
NCN106A	6.14E-03	8.74E-01	-7.46E-03	8.82E-01	9.18E-07	0.00E+00	4.50E+02	3.83E-05	5.96E-04	6.25E-03	1.01E-03	1.61E+00	1.16E-08	5.79E-08	3.20E+00	9.52E-02	1.37E-03	4.25E-02	9.93E-03	1.51E-01	3.48E+01	1.04E+00	8.40E-08	4.16E-08	2.32E-03	5.59E-05	3.09E-01	2.31E-01	3.59E+01	4.20E-04	3.59E+01	3.64E+01	5.40E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
NCN106N	6.82E-03	1.55E+00	-3.22E-02	1.58E+00	1.41E-06	0.00E+00	8.65E+02	3.52E-05	8.90E-04	9.85E-03	9.23E-04	1.58E+00	4.29E-08	5.05E-08	3.75E+00	1.51E-01	1.26E-03	8.11E-02	1.72E-02	1.13E-01	4.94E+01	1.38E+00	2.41E-07	4.64E-08	3.21E-03	5.49E-05	2.14E-01	3.57E-01	5.11E+01	2.15E-04	5.11E+01	5.23E+01	4.54E-01	0.00E+00	0.00E+00	0.00E+00	3.60E-01
NCN110	5.97E-03	8.17E-01	-7.75E-03	8.25E-01	9.18E-07	0.00E+00	6.19E+02	3.88E-05	5.15E-04	5.56E-03	9.63E-04	1.76E+00	1.24E-08	4.26E-08	3.52E+00	9.50E-02	1.30E-03	4.22E-02	9.25E-03	1.44E-01	3.35E+01	9.87E-01	8.49E-08	3.98E-08	2.08E-03	5.56E-05	2.67E-01	2.26E-01	3.45E+01	4.21E-04	3.45E+01	3.50E+01	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.97E-01
NCN110A	5.97E-03	8.17E-01	-7.75E-03	8.25E-01	9.18E-07	0.00E+00	6.19E+02	3.88E-05	5.15E-04	5.56E-03	9.63E-04	1.76E+00	1.24E-08	4.26E-08	3.52E+00	9.50E-02	1.30E-03	4.22E-02	9.25E-03	1.44E-01	3.35E+01	9.87E-01	8.49E-08	3.98E-08	2.08E-03	5.56E-05	2.67E-01	2.26E-01	3.45E+01	4.21E-04	3.45E+01	3.50E+01	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.97E-01
NCN116A	6.25E-03	8.24E-01	-7.55E-03	8.31E-01	9.18E-07	0.00E+00	6.19E+02	3.88E-05	5.23E-04	5.65E-03	9.77E-04	1.96E+00	1.25E-08	4.63E-08	3.98E+00	9.48E-02	1.32E-03	4.22E-02	9.58E-03	1.42E-01	3.37E+01	9.89E-01	8.62E-08	4.16E-08	2.12E-03	5.43E-05	2.78E-01	2.27E-01	3.47E+01	4.24E-04	3.47E+01	3.52E+01	5.05E-01	0.00E+00	0.00E+00	0.00E+00	4.11E-01
NCN116N	9.04E-03	9.83E-01	-3.22E-02	1.01E+00	9.19E-07	0.00E+00	6.97E+02	3.66E-05	7.23E-04	7.81E-03	1.16E-03	2.05E+00	9.72E-08	5.06E-08	4.98E+00	7.76E-02	1.57E-03	5.11E-02	1.17E-02	2.31E-01	3.72E+01	1.00E+00	1.33E-07	5.98E-08	2.79E-03	6.40E-05	1.64E-01	5.17E-01	3.82E+01	1.10E-04	3.82E+01	3.88E+01	6.81E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-01
NCN120A	7.17E-03	8.62E-01	-5.89E-03	8.68E-01	9.31E-07	0.00E+00	6.20E+02	6.49E-05	5.89E-04	6.42E-03	1.01E-03	2.57E+00	1.29E-08	5.94E-08	5.32E+00	1.74E-01	1.37E-03	4.31E-02	1.11E-02	1.50E-01	3.38E+01	9.90E-01	9.06E-08	4.71E-08	2.37E-03	5.68E-05	3.16E-01	2.31E-01	3.48E+01	4.31E-04	3.48E+01	3.53E+01	5.47E-01	0.00E+00	0.00E+00	0.00E+00	4.76E-01
NCN125N	9.81E-03	1.58E+00	-3.27E-02	1.60E+00	1.48E-06	0.00E+00	8.65E+02	6.47E-05	1.01E-03	1.09E-02	9.85E-04	2.05E+00	1.84E-07	7.88E-08	4.85E+00	2.22E-01	1.34E-03	8.15E-02	2.13E-02	1.97E-01	4.96E+01	1.37E+00	2.58E-07	6.37E-08	3.82E-03	6.32E-05	3.14E-01	3.93E-01	5.13E+01	2.77E-04	5.13E+01	5.27E+01	7.18E-01	0.00E+00	0.00E+00	0.00E+00	5.01E-01
NCN132A	9.02E-03	8.75E-01	-2.12E-03	8.77E-01	9.51E-07	0.00E+00	4.52E+02	1.01E-04	6.06E-04	6.43E-03	1.09E-03	3.94E+00	1.24E-08	1.04E-07	8.35E+00	2.84E-01	1.47E-03	4.47E-02	1.43E-02	1.54E-01	3.24E+01	1.05E+00	9.90E-08	5.89E-08	2.55E-03	6.03E-05	3.99E-01	2.38E-01	3.34E+01	4.73E-04	3.34E+01	3.40E+01	6.37E-01	0.00E+00	0.00E+00	0.00E+00	6.14E-01
NCN140A	1.13E-02	9.70E-01	-2.05E-03	9.53E-01	9.92E-07	0.00E+00	6.19E+02	1.23E-04	7.38E-04	7.81E-03	1.09E-03	5.09E+00	1.50E-08	1.27E-07	1.07E+01	3.19E-01	1.49E-03	4.34E-02	1.62E-02	1.80E-01	2.99E+01	1.06E+00	1.16E-07	7.23E-08	3.08E-03	6.54E-05	4.91E-01	2.62E-01	3.06E+01	4.84E-04	3.06E+01	3.17E+01	7.72E-01	0.00E+00	0.00E+00	0.00E+00	7.03E-01
NCN140N	1.24E-02	1.52E+00	-3.24E-02	1.55E+00	1.62E-06	0.00E+00	6.67E+02	1.71E-04	1.04E-03	1.15E-02	1.02E-03	4.87E+00	2.17E-07	1.40E-07	9.86E+00	4.54E-01	1.40E-03	7.71E-02	1.83E-02	2.08E-01	4.68E+01	1.37E+00	2.62E-07	7.28E-08	4.02E-03	6.69E-05	5.30E-01	3.96E-01	4.54E+01	3.55E-03	4.54E+01	5.16E+01	8.11E-01	0.00E+00	0.00E+00	0.00E+00	7.25E-01
NCN150	1.09E-02	1.01E+00	-1.44E-03	9.85E-01	9.64E-07	0.00E+00	4.42E+02	1.32E-04	7.71E-04	8.32E-03	1.06E-03	4.76E+00	1.95E-08	1.09E-07	9.87E+00	3.91E-01	1.44E-03	4.49E-02	1.55E-02	1.84E-01	3.32E+01	1.04E+00	1.27E-07	7.04E-08	3.23E-03	7.07E-05	5.26E-01	2.47E-01	3.36E+01	1.42E-03	3.36E+01	3.48E+01	7.68E-01	0.00E+00	0.00E+00	0.00E+00	6.58E-01
NCN150A	1.09E-02	1.00E+00	-1.43E-03	9.85E-01	9.62E-07	0.00E+00	4.42E+02	1.32E-04	7.71E-04	8.32E-03	1.06E-03	4.76E+00	1.95E-08	1.09E-07	9.88E+00	3.91E-01	1.44E-03	4.49E-02	1.55E-02	1.84E-01	3.32E+01	1.04E+00	1.27E-07	7.05E-08	3.23E-03	7.07E-05	5.26E-01	2.47E-01	3.36E+01	1.42E-03	3.36E+01	3.48E+01	7.69E-01	0.00E+00	0.00E+00	0.00E+00	6.58E-01
NCN150N	1.28E-02	1.53E+00	-2.49E-02	1.52E+00	1.67E-06	0.00E+00	6.90E+02	1.64E-04	1.03E-03	1.15E-02	1.02E-03	5.35E+00	3.06E-08	1.45E-07	1.13E+01	4.34E-01	1.40E-03	7.88E-02	2.19E-02	2.06E-01	4.64E+01	1.36E+00	2.88E-07	8.34E-08	3.99E-03	7.46E-05	5.82E-01	3.91E-01	4.55E+01	3.53E-03	4.55E+01	5.12E+01	8.37E-01	0.00E+00	0.00E+00	0.00E+00	9.04E-01
NCN163	1.23E-02	9.74E-01	4.55E-04	9.61E-01	9.96E-07	0.00E+00	6.11E+02	1.49E-04	7.41E-04	7.88E-03	1.10E-03	5.93E+00	1.77E-08	1.43E-07	1.24E+01	4.04E-01	1.51E-03	4.35E-02	1.82E-02	1.83E-01	2.92E+01	1.06E+00	1.17E-07	8.02E-08	3.12E-03	6.57E-05	5.99E-01	2.63E-01	3.00E+01	5.27E-04	3.00E+01	3.10E+01	8.10E-01	0.00E+00	0.00E+00	0.00E+00	7.82E-01
NCN163A	1.22E-02	8.85E-01	2.86E-03	8.82E-01	9.80E-07	0.00E+00	4.55E+02	1.55E-04	6.87E-04	7.45E-03	1.12E-03	6.13E+00	1.40E-08	1.46E-07	1.30E+01	4.49E-01	1.51E-03	4.29E-02	1.79E-02	1.79E-01	2.81E+01	1.05E+00	1.12E-07	7.90E-08	2.96E-03	6.74E-05	5.39E-01	2.41E-01	2.91E+01	5.69E-04	2.91E+01	2.99E+01	7.80E-01	0.00E+00	0.00E+00	0.00E+00	7.70E-01
NCN163N	1.30E-02	1.53E+00	-2.60E-02	1.54E+00	1.65E-06	0.00E+00	6.80E+02	1.74E-04	1.04E-03	1.15E-02	1.02E-03	6.22E+00	3.31E-08	1.61E-07	1.32E+01	4.77E-01	1.40E-03	7.98E-02	2.29E-02	2.07E-01	4.68E+01	1.36E+00	2.88E-07	8.43E-08	4.05E-03	7.44E-05	6.50E-01	3.91E-01	4.56E+01	3.53E-03	4.56E+01	5.12E+01	8.62E-01	0.00E+00	0.00E+00	0.00E+00	9.56E-01
NCN201N	9.85E-03	1.61E+00	-3.92E-02	1.62E+00	1.75E-06	0.00E+00	7.10E+02	5.79E-05	1.30E-03	1.39E-02	1.18E-03	2.28E+00	4.70E-08	6.74E-08	5.07E+00	1.59E-01	1.52E-03	8.18E-02	1.03E-02	1.67E-01	5.23E+01	1.44E+00	2.54E-07	5.13E-08	3.99E-03	5.93E-05	3.81E-01	7.15E-01	5.32E+01	4.33E-03	5.32E+01	5.47E+01	6.27E-01	0.00E+00	0.00E+00	0.00E+00	4.31E-01
NCN202A	1.72E-02	2.00E+00	-2.13E-02	2.01E+00	1.50E-06	0.00E+00	1.39E+03	1.24E-04	1.48E-03	1.56E-02	1.99E-03	4.71E+00	4.71E-08	1.48E-07	9.79E+00	2.82E-01	2.71E-03	8.39E-02	2.20E-02	3.50E-01	6.65E+01	2.56E+00	2.64E-07	1.10E-07	5.78E-03	1.22E-04	7.29E-01	6.61E-01	6.89E+01	3.41E-04	6.89E+01	6.98E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-01
NCN202N	9.89E-03	1.61E+00	-3.91E-02	1.62E+00	1.79E-06	0.00E+00	7.10E+02	5.84E-05	1.30E-03	1.39E-02	1.18E-03	2.33E+00	4.75E-08	6.87E-08	5.18E+00	1.63E-01	1.52E-03	8.22E-02	1.03E-02	1.66E-01	5.23E+01	1.44E+00	2.54E-07	5.18E-08	4.00E-03	6.00E-05	3.82E-01	7.15E-01	5.33E+01	4.32E-03	5.33E+01	5.44E+01	6.28E-01	0.00E+00	0.00E+00	0.00E+00	4.33E-01
NCN203A	1.70E-02	2.00E+00	-2.13E-02	2.01E+00	1.51E-06	0.00E+00	1.39E+03	1.24E-04	1.47E-03	1.56E-02	1.97E-03	4.40E+00	4.70E-08	1.34E-07	8.85E+00	2.78E-01	2.69E-03	8.38E-02	2.16E-02	3.50E-01	6.64E+01	2.56E+00	2.65E-07	1.10E-07	5.75E-03	1.22E-04	7.16E-01	6.55E-01	6.90E+01	3.23E-04	6.90E+01	6.98E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-01
NCN203N	1.13E-02	1.62E+00	-3.74E-02	1.62E+00	1.80E-06	0.00E+00	7.09E+02	1.31E-04	1.32E-03	1.40E-02	1.18E-03	5.59E+00	5.59E-08	1.38E-07	1.18E+01	3.37E-01	1.52E-03	8.22E-02	1.51E-02	1.68E-01	5.22E+01	1.44E+00	2.55E-07	6.37E-08	4.01E-03	6.19E-05	5.32E-01	7.15E-01	5.31E+01	4.33E-03	5.31E+01	5.44E+01	7.16E-01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NCN204	1.43E-02	1.91E+00	-2.04E-02	1.93E+00	1.47E-06	0.00E+00	1.47E+03	1.08E-04	1.38E-03	1.48E-02	1.97E-03	4.57E+00	2.80E-08	1.26E-07	9.73E+00	2.56E-01	2.68E-03	7.74E-02	2.07E-02	3.08E-01	6.54E+01	2.45E+00	1.83E-07	9.42E-08	5.63E-03	1.23E-04	6.20E-01	6.28E-01	6.81E+01	7.00E-04	6.81E+01	6.82E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-01
NCN204A	1.71E-02	2.00E+00	-2.09E-02	2.01E+00	1.53E-06	0.00E+00	1.39E+03	1.34E-04	1.48E-03	1.56E-02	1.97E-03	5.22E+00	4.77E-08	1.56E-07	1.05E+01	3.06E-01	2.69E-03	8.43E-02	2.19E-02	3.50E-01	6.64E+01	2.56E+00	2.65E-07	1.10E-07	5.76E-03	1.23E-04	8.62E-01	6.53E-01	6.90E+01	3.23E-04	6.90E+01	6.98E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-01
NCN204N	1.13E-02	1.62E+00	-3.78E-02	1.62E+00	1.80E-06	0.00E+00	7.09E+02	1.05E-04	1.32E-03	1.40E-02	1.18E-03	5.21E+00	5.23E-08	1.34E-07	1.09E+01	2.82E-01	1.52E-03	8.21E-02	1.43E-02	1.68E-01	5.22E+01	1.44E+00	2.55E-07	6.36E-08	4.01E-03	6.20E-05	4.82E-01	7.15E-01	5.32E+01	4.33E-03	5.32E+01	5.45E+01	7.16E-01	0.00E+00	0.00E+00	0.00E+00	6.23E-01
NCN206N	9.74E-03	1.65E+00	-4.10E-02	1.70E+00	1.65E-06	0.00E+00	8.93E+02	5.92E-05	1.31E-03	1.38E-02	1.17E-03	2.34E+00	5.84E-08	6.08E-08	5.04E+00	1.78E-01	1.51E-03	8.54E-02	1.86E-02	1.62E-01	5.40E+01	1.47E+00	2.58E-07	5.71E-08	3.92E-03	5.97E-05	3.08E-01	7.11E-01	5.79E+01	2.69E-04	5.79E+01	5.55E+01	6.16E-01	0.00E+00	0.00E+00	0.00E+00	4.27E-01
NCN210A	1.22E-02	1.67E+00	-1.52E-02	1.68E+00	1.51E-06	0.00E+00	1.20E+03	7.72E-05	1.11E-03	1.20E-02	1.93E-03	3.52E+00	2.46E-08	8.46E-08	7.02E+00	1.89E-01	2.61E-03	8.43E-02	1.85E-02	3.21E-01	6.74E+01	1.95E+00	1.72E-07	8.17E-08	4.41E-03	1.36E-04	5.29E-01	4.53E-01	6.94E+01	8.86E-04	6.94E+01	7.04E+01	9.82E-01	0.00E+00	0.00E+00	0.00E+00	7.96E-01
NCN210N	1.29E-02	2.23E+00	-4.23E-02	2.21E+00	1.72E-06	0.00E+00	1.03E+03	1.09E-04	1.47E-03	1.58E-02	1.64E-03	4.96E+00	6.43E-08	1.38E-07	1.01E+01	3.19E-01	2.17E-03	9.82E-02	2.57E-02	2.93E-01	6.66E+01	1.93E+00	2.70E-07	8.11E-08	4.88E-03	1.42E-04	5.30E-01	8.03E-01	7.24E+01	3.32E-04	7.24E+01	6.85E+01	8.72E-01	0.00E+00	0.00E+00	0.00E+00	7.39E-01
NCN216A	1.28E-02	1.68E+00	-1.48E-02	1.69E+00	1.51E-06	0.00E+00	1.20E+03	7.73E-05	1.12E-03	1.22E-02	1.95E-03	3.92E+00	2.47E-08	9.18E-08	7.93E+00	1.89E-01	2.65E-03	8.44E-02	1.92E-02	3.17E-01	6.78E+01	1.95E+00	1.75E-07	8.52E-08	4.50E-03	1.33E-04	5.52E-01	4.56E-01	6.97E+01	8.90E-04	6.97E+01	7.07E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-01
NCN216N	1.47E-02	2.23E+00	-4.15E-02	2.21E+00	1.76E-06	0.00E+00	1.03E+03	1.31E-04	1.48E-03	1.60E-02	1.65E-03	5.22E+00	1.79E-07	1.35E-07	1.04E+01	3.54E-01	2.19E-03	9.80E-02	2.79E-02	2.94E-01	6.69E+01	1.93E+00	2.74E-07	9.03E-08	5.58E-03	1.43E-04	5.78E-01	8.03E-01	7.21E+01	3.50E-04	7.21E+01	6.89E+01	8.74E-01	0.00E+00	0.00E+00	0.00E+00	8.15E-01
NCN220N	1.57E-02	2.25E+00	-4.06E-02	2.22E+00	1.88E-06	0.00E+00	1.04E+03	1.58E-04	1.51E-03	1.62E-02	1.70E-03	5.96E+00	2.56E-07	1.59E-07	1.31E+01	4.05E-01	2.25E-03	9.92E-02	2.96E-02	2.95E-01	6.63E+01	1.93E+00	2.83E-07	9.34E-08	5.79E-03	1.43E-04	6.94E-01	8.10E-01	7.22E+01	3.55E-04	7.22E+01	6.88E+01	8.98E-01	0.00E+00	0.00E+00	0.00E+00	8.49E-01
NCN240A	2.35E-02	1.71E+00	5.65E-03	1.71E+00	1.64E-06	0.00E+00	8.73E+02	3.11E-04	1.29E-03	1.39E-02	2.20E-03	1.19E+01	2.62E-08	2.84E-07	2.53E+01	9.00E-01	2.98E-03	8.59E-02	3.48E-02	3.60E-01	5.53E+01	2.07E+00	2.23E-07	1.51E-07	5.64E-03	1.57E-04	1.02E+00	4.80E-01	5.73E+01	1.18E-03	5.73E+01	5.88E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
NCN240N	2.19E-02	1.95E+00	-5.89E-02	2.01E+00	1.69E-06	0.00E+00	8.09E+02	2.91E-04	1.74E-03	1.87E-02	2.52E-03	7.29E+00	3.19E-07	1.96E-07	1.57E+01	7.56E-01	3.41E-03	9.92E-02	2.81E-02	4.25E-01	6.48E+01	1.74E+00	3.59E-07	1.45E-07	6.78E-03	1.57E-04	6.08E-01	1.15E+00	6.65E+01	4.02E-03	6.65E+01	6.83E+01	1.75E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NCN250N	2.42E-02	2.26E+00	-3.58E-02	2.21E+00	2.00E-06	0.00E+00	7.51E+02	2.54E-04	1.61E-03	1.79E-02	1.89E-03	7.03E+00	4.16E-08	2.04E-07	1.57E+01	6.81E-01	2.50E-03	9.84E-02	2.92E-02	3.67E-01	6.39E+01	1.90E+00	3.44E-07	1.61E-07	6.87E-03	1.53E-04	8.13E-01	8.26E-01	6.61E+01	4.43E-03	6.61E+01	6.81E+01	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NCN263N	2.68E-02	2.28E+00	-3.69E-02	2.24E+00	1.84E-06	0.00E+00	7.52E+02	2.72E-04	1.61E-03	1.78E-02	1.89E-03	9.02E+00	4.17E-08	2.39E-07	1.88E+01	7.27E-01	2.50E-03	9.89E-02	3.91E-02	3.78E-01	6.36E+01	1.90E+00	3.70E-07	1.71E-07	6.95E-03	1.53E-04	8.70E-01	8.26E-01	6.58E+01	4.45E-03	6.58E+01	6.77E+01	1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
NCN301N	2.03E-02	2.50E+00	-4.21E-02	2.61E+00	2.03E-06	0.00E+00	8.13E+02	9.08E-05	1.53E-03	1.72E-02	2.52E-03	3.43E+00	6.45E-08	9.04E-08	6.56E+00	2.39E-01	3.37E-03	1.27E-01	2.60E-02	3.66E-01	9.86E+01	2.09E+00	4.12E-07	1.24E-07	6.91E-03	1.51E-04	6.57E-01	9.88E-01	1.02E+02	6.56E-03	1.02E+02	9.99E+01	1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.15E+00
NCN302N	2.05E-02	2.50E+00	-4.12E-02	2.61E+00	2.12E-06	0.00E+00	8.13E+02	1.57E-04	1.53E-03	1.73E-02	2.52E-03	5.71E+00	6.71E-08	1.53E-07	1.08E+01	4.16E-01	3.37E-03	1.27E-01	2.68E-02	3.66E-01	9.88E+01	2.09E+00	4.13E-07	1.26E-07	6.91E-03	1.51E-04	7.59E-01	9.88E-01	1.03E+02	6.52E-03	1.03E+02	1.00E+02	1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
NCN303A	2.39E-02	2.77E+00	-3.82E-02	2.85E+00	2.24E-06	0.00E+00	1.94E+03	1.49E-04	2.01E-03	2.16E-02	2.98E-03	7.32E+00	5.23E-08	2.00E-07	1.45E+01	3.83E-01	4.04E-03	1.12E-01	3.19E-02	6.06E-01	9.74E+01	3.51E+00	2.77E-07	1.58E-07	8.17E-03	2.12E-04	1.18E+00	8.42E-01	1.02E+02	4.88E-04	1.02E+02	1.04E+02	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NCN303N	2.05E-02	2.50E+00	-4.10E-02	2.61E+00	2.18E-06	0.00E+00	8.13E+02	1.85E-04	1.53E-03	1.74E-02	2.52E-03	7.99E+00	6.94E-08	1.68E-07	1.58E+01	4.88E-01	3.37E-03	1.27E-01	2.70E-02	3.68E-01	9.85E+01	2.09E+00	4.15E-07	1.28E-07	6.92E-03	1.51E-04	8.53E-01	9.88E-01	1.02E+02	6.55E-03	1.02E+02	1.00E+02	1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.20E+00
NCN304N	2.05E-02	2.50E+00	-4.10E-02	2.61E+00	2.18E-06	0.00E+00	8.13E+02	1.77E-04	1.53E-03	1.74E-02	2.52E-03	7.56E+00	6.96E-08	1.68E-07	1.50E+01	4.48E-01	3.37E-03	1.27E-01	2.67E-02	3.67E-01	9.87E+01	2.09E+00	4.15E-07	1.28E-07	6.92E-03	1.51E-04	8.53E-01	9.88E-01	1.02E+02	6.52E-03	1.02E+02	1.00E+02	1.67E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
NCN306	2.32E-02	3.00E+00	-3.45E-02	2.99E+00	2.13E-06	0.00E+00	1.87E+03	1.15E-04	1.87E-03	2.03E-02	2.88E-03	5.01E+00	3.49E-08	1.59E-07	1.07E+01	2.80E-01	3.92E-03	1.15E-01	2.55E-02	5.20E-01	9.56E+01	3.44E+00	2.86E-07	1.54E-07	7.75E-03	1.74E-04	8.14E-01	7.67E-01	9.96E+01	6.78E-04	9.96E+01	9.95E+01	1.89E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
NCN306A	1.86E-02	2.63E+00	-2.19E-02	2.65E+00	2.34E-06	0.00E+00	1.30E+03	1.14E-04	1.79E-03	1.88E-02	3.04E-03	4.83E+00	3.46E-08	1.73E-07	9.60E+00	2.84E-01	4.11E-03	1.28E-01	2.98E-02	5.01E-01	1.05E+02	3.11E+00	2.56E-07	1.26E-07	7.02E-03	2.05E-04	9.28E-01	6.94E-01	1.08E+02	1.34E-03	1.08E+02	1.09E+02	1.62E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
NCN306N	1.88E-02	2.58E+00	-4.43E-02	2.71E+00	1.91E-06	0.00E+00	1.15E+03	1.31E-04	1.54E-03	1.72E-02	2.58E-03	5.38E+00	8.23E-08	1.49E-07	1.08E+01	3.76E-01	3.49E-03	1.32E-01	3.23E-02	3.57E-01	1.01E+02	2.44E+00	4.38E-07	1.17E-07	6.81E-03	1.54E-04	6.77E-01	9.93E-01	1.07E+02	4.39E-04	1.07E+02	1.06E+02	1.53E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
NCN310A	1.83E-02	2.50E+00	-2.28E-02	2.53E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.66E-03	1.80E-02	2.90E-03	5.28E+00	3.70E-08	1.27E-07	1.05E+01	2.84E-01	3.92E-03	1.27E-01	2.78E-02	4.83E-01	1.01E+02	2.94E+00	2.59E-07	1.23E-07	6.63E-03	2.05E-04	8.00E-01	6.80E-01	1.04E+02	1.35E-03	1.04E+02	1.06E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NCN310N	1.87E-02	2.72E+00	-6.22E-02	2.91E+00	2.04E-06	0.00E+00	1.68E+03	1.47E-04	1.84E-03	1.96E-02	2.65E-03	6.79E+00	1.02E-07	1.65E-07	1.34E+01	4.09E-01	3.60E-03	1.36E-01	3.30E-02	3.61E-01	1.03E+02	2.96E+00	4.41E-07	1.18E-07	6.75E-03	1.53E-04	8.12E-01	1.27E+00	1.08E+02	4.22E-04	1.08E+02	1.07E+02	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
NCN316	1.92E-02	2.52E+00	-2.22E-02	2.55E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.69E-03	1.83E-02	2.94E-03	5.89E+00	3.71E-08	1.38E-07	1.19E+01	2.83E-01	3.98E-03	1.27E-01	2.88E-02	4.77E-01	1.02E+02	2.95E+00	2.63E-07	1.28E-07	6.76E-03	2.01E-04	8.33E-01	6.84E-01	1.05E+02	1.36E-03	1.05E+02	1.06E+02	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NCN316A	1.97E-02	2.58E+00	-2.40E-02	2.61E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.72E-03	1.87E-02	2.95E-03	5.89E+00	3.74E-08	1.38E-07	1.18E+01	2.84E-01	3.99E-03	1.27E-01	2.88E-02	4.89E-01	1.02E+02	2.95E+00	2.63E-07	1.29E-07	6.88E-03	2.02E-04	8.28E-01	7.08E-01	1.05E+02	1.36E-03	1.05E+02	1.06E+02	1.54E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NCN316N	2.70E-02	2.87E+00	-9.90E-02	2.97E+00	2.32E-06	0.00E+00	2.05E+03	1.09E-04	2.13E-03	2.30E-02	3.44E-03	6.14E+00	2.92E-07	1.49E-07	1.24E+01	2.29E-01	4.66E-03	1.48E-01	3.44E-02	7.09E-01	1.08E+02	2.97E+00	4.03E-07	1.79E-07	8.27E-03	2.10E-04	4.58E-01	1.61E+00	1.11E+02	3.40E-04	1.11E+02	1.13E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
NCN320A	2.21E-02	2.66E+00	-1.90E-02	2.68E+00	2.38E-06	0.00E+00	1.82E+03	1.94E-04	1.81E-03	1.98E-02	3.06E-03	7.72E+00	3.87E-08	1.77E-07	1.58E+01	5.20E-01	4.14E-03	1.29E-01	3.33E-02	5.10E-01	1.02E+02	2.95E+00	2.76E-07	1.44E-07	7.30E-03	2.08E-04	9.44E-01	7.19E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.66E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NCN320N	2.04E-02	2.62E+00	-6.14E-02	2.77E+00	2.11E-06	0.00E+00	1.71E+03	2.00E-04	1.67E-03	1.84E-02	2.69E-03	7.63E+00	2.92E-07	1.86E-07	1.55E+01	4.86E-01	3.62E-03	1.35E-01	3.42E-02	3.86E-01	1.02E+02	2.66E+00	4.57E-07	1.25E-07	6.97E-03	1.56E-04	8.56E-01	1.13E+00	1.08E+02	4.47E-04	1.08E+02	1.06E+02	1.59E+00	0.00E+00	0.00E+00	0.00E+00	1.11E+00
NCN325A	2.33E-02	2.54E+00	-1.76E-02	2.55E+00	2.35E-06	0.00E+00	1.85E+03	1.95E-04	1.65E-03	1.80E-02	3.05E-03	7.71E+00	3.76E-08	1.77E-07	1.60E+01	5.19E-01	4.13E-03	1.30E-01	-5.44E+00	4.59E-01	1.01E+02	2.99E+00	2.72E-07	1.40E-07	6.80E-03	2.00E-04	9.89E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.05E+02	1.68E+00	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
NCN325N	2.95E-02	2.63E+00	-4.46E-02	2.76E+00	1.96E-06	0.00E+00	1.11E+03	1.98E-04	1.77E-03	1.96E-02	3.15E-03	8.07E+00	3.22E-07	1.95E-07	1.66E+01	4.96E-01	4.17E-03	1.31E-01	4.63E-02	5.64E-01	1.01E+02	2.46E+00	4.64E-07	1.90E-07	8.38E-03	2.13E-04	8.03E-01	1.04E+00	1.07E+02	6.35E-04	1.07E+02	1.07E+02	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00

NCN332	2.75E-02	2.68E+00	-5.86E-03	2.69E+00	2.44E-06	0.00E+00	1.31E+03	3.02E-04	1.94E-03	2.07E-02	3.27E-03	1.18E+01	3.69E-08	3.10E-07	2.50E+01	8.50E-01	4.43E-03	1.34E-01	4.29E-02	5.11E-01	9.78E+01	3.12E+00	3.01E-07	1.80E-07	8.05E-03	2.19E-04	1.20E+00	7.17E-01	1.01E+02	1.50E-03	1.01E+02	1.03E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NCN332A	2.75E-02	2.68E+00	-5.86E-03	2.69E+00	2.44E-06	0.00E+00	1.31E+03	3.02E-04	1.94E-03	2.07E-02	3.27E-03	1.18E+01	3.69E-08	3.10E-07	2.50E+01	8.50E-01	4.43E-03	1.34E-01	4.29E-02	5.11E-01	9.78E+01	3.12E+00	3.01E-07	1.80E-07	8.05E-03	2.19E-04	1.20E+00	7.17E-01	1.01E+02	1.50E-03	1.01E+02	1.03E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
NCN340A	3.52E-02	2.58E+00	8.51E-03	2.57E+00	2.53E-06	0.00E+00	1.32E+03	4.67E-04	1.93E-03	2.09E-02	3.31E-03	1.78E+01	3.94E-08	4.27E-07	3.80E+01	1.35E+00	4.48E-03	1.29E-01	5.23E-02	5.43E-01	8.30E+01	3.12E+00	3.35E-07	2.27E-07	8.47E-03	2.37E-04	1.54E+00	7.21E-01	8.61E+01	1.79E-03	8.61E+01	8.84E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
NCN340N	3.27E-02	2.91E+00	-8.15E-02	2.99E+00	2.54E-06	0.00E+00	1.21E+03	4.37E-04	2.60E-03	2.79E-02	3.72E-03	1.09E+01	4.78E-07	2.93E-07	2.29E+01	1.13E+00	5.04E-03	1.47E-01	4.19E-02	6.35E-01	9.61E+01	2.60E+00	5.39E-07	2.17E-07	1.01E-02	2.34E-04	9.30E-01	1.64E+00	9.87E+01	6.04E-03	9.87E+01	1.01E+02	2.57E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
NCN350A	3.61E-02	2.63E+00	9.07E-03	2.62E+00	2.53E-06	0.00E+00	1.32E+03	4.67E-04	2.04E-03	2.21E-02	3.34E-03	1.83E+01	3.96E-08	4.35E-07	3.89E+01	1.35E+00	4.52E-03	1.29E-01	5.30E-02	5.30E-01	8.37E+01	3.12E+00	3.38E-07	2.29E-07	8.83E-03	2.38E-04	1.56E+00	7.23E-01	8.68E+01	1.79E-03	8.68E+01	8.91E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
NCN350N	3.86E-02	2.85E+00	-7.44E-02	2.92E+00	2.41E-06	0.00E+00	1.19E+03	3.01E-04	2.64E-03	2.84E-02	3.81E-03	1.62E+01	3.02E-08	3.73E-07	3.40E+01	8.53E-01	5.16E-03	1.37E-01	4.71E-02	6.22E-01	9.17E+01	2.59E+00	5.49E-07	2.46E-07	1.06E-02	2.61E-04	1.00E+00	1.65E+00	9.43E+01	6.59E-03	9.43E+01	9.69E+01	2.65E+00	0.00E+00	0.00E+00	0.00E+00	2.02E+00
NCN363	3.69E-02	2.66E+00	9.08E-03	2.65E+00	2.53E-06	0.00E+00	1.32E+03	4.65E-04	2.07E-03	2.24E-02	3.36E-03	1.84E+01	4.16E-08	4.38E-07	3.91E+01	1.35E+00	4.55E-03	1.29E-01	5.38E-02	5.85E-01	8.44E+01	3.12E+00	3.39E-07	2.38E-07	8.95E-03	2.39E-04	1.62E+00	7.25E-01	8.75E+01	1.79E-03	8.75E+01	8.99E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NCN363A	3.29E-02	3.04E+00	-2.74E-02	3.02E+00	2.28E-06	0.00E+00	1.91E+03	3.47E-04	2.01E-03	2.20E-02	3.17E-03	1.18E+01	3.81E-08	3.13E-07	2.56E+01	8.67E-01	4.31E-03	1.16E-01	4.47E-02	6.23E-01	9.66E+01	3.47E+00	4.96E-07	2.09E-07	8.89E-03	2.35E-04	1.15E+00	7.72E-01	1.01E+02	8.79E-04	1.01E+02	1.01E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
NCN363N	3.79E-02	2.86E+00	-7.44E-02	2.93E+00	2.41E-06	0.00E+00	1.19E+03	3.01E-04	2.70E-03	2.90E-02	3.79E-03	1.62E+01	2.54E-08	3.68E-07	3.41E+01	8.52E-01	5.13E-03	1.37E-01	4.54E-02	5.63E-01	9.18E+01	2.61E+00	5.50E-07	2.42E-07	1.07E-02	2.60E-04	1.01E+00	1.65E+00	9.44E+01	6.59E-03	9.44E+01	9.71E+01	2.65E+00	0.00E+00	0.00E+00	0.00E+00	1.95E+00
NCN402A	3.30E-02	2.89E+00	-4.72E-02	3.04E+00	2.46E-06	0.00E+00	2.15E+03	1.81E-04	2.36E-03	2.55E-02	3.99E-03	9.16E+00	5.83E-08	2.56E-07	1.90E+01	4.60E-01	5.41E-03	1.15E-01	3.93E-02	6.32E-01	1.02E+02	3.56E+00	5.65E-07	2.17E-07	1.01E-02	2.60E-04	1.24E+00	1.18E+00	1.06E+02	1.81E-03	1.06E+02	1.09E+02	2.30E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
NCN402N	2.69E-02	2.57E+00	-4.13E-02	2.72E+00	2.31E-06	0.00E+00	8.73E+02	1.85E-04	1.76E-03	1.98E-02	3.67E-03	7.97E+00	7.85E-08	2.13E-07	1.59E+01	4.56E-01	4.98E-03	1.30E-01	3.70E-02	6.10E-01	1.01E+02	2.15E+00	5.05E-07	1.72E-07	8.56E-03	2.25E-04	1.05E+00	1.06E+00	1.05E+02	6.80E-03	1.05E+02	1.05E+02	2.31E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
NCN404A	3.29E-02	2.89E+00	-4.69E-02	3.05E+00	2.29E-06	0.00E+00	2.15E+03	1.83E-04	2.35E-03	2.55E-02	3.93E-03	9.53E+00	5.83E-08	2.61E-07	1.95E+01	4.65E-01	5.33E-03	1.15E-01	3.90E-02	6.18E-01	1.02E+02	3.56E+00	5.57E-07	2.14E-07	9.87E-03	2.60E-04	1.20E+00	1.18E+00	1.06E+02	1.85E-03	1.06E+02	1.09E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
NCN404N	2.71E-02	2.57E+00	-4.12E-02	2.72E+00	2.31E-06	0.00E+00	8.47E+02	1.98E-04	1.76E-03	1.98E-02	3.67E-03	8.95E+00	7.89E-08	2.42E-07	1.79E+01	5.15E-01	4.98E-03	1.30E-01	3.73E-02	6.10E-01	1.01E+02	2.15E+00	5.06E-07	1.74E-07	8.59E-03	2.25E-04	1.07E+00	1.06E+00	1.04E+02	6.80E-03	1.04E+02	1.03E+02	2.31E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+00
NCN406A	2.48E-02	3.18E+00	-4.00E-02	3.18E+00	2.37E-06	0.00E+00	2.36E+03	1.32E-04	2.26E-03	2.46E-02	3.85E-03	6.04E+00	4.43E-08	1.82E-07	1.28E+01	3.20E-01	5.25E-03	1.65E-01	3.64E-02	6.38E-01	1.31E+02	3.73E+00	4.05E-07	1.68E-07	9.23E-03	2.64E-04	1.00E+00	1.02E+00	1.34E+02	1.68E-03	1.34E+02	1.34E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
NCN410A	2.44E-02	3.33E+00	-3.04E-02	3.36E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.22E-03	2.40E-02	3.85E-03	7.04E+00	4.92E-08	1.69E-07	1.40E+01	3.77E-01	5.22E-03	1.69E-01	3.70E-02	6.41E-01	1.35E+02	3.90E+00	3.45E-07	1.63E-07	8.83E-03	2.72E-04	1.04E+00	9.05E-01	1.39E+02	1.81E-03	1.39E+02	1.41E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
NCN416	2.56E-02	3.36E+00	-2.96E-02	3.39E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.25E-03	2.43E-02	3.91E-03	7.85E+00	4.94E-08	1.84E-07	1.58E+01	3.76E-01	5.30E-03	1.69E-01	3.83E-02	6.32E-01	1.35E+02	3.91E+00	3.51E-07	1.70E-07	9.01E-03	2.67E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NCN416A	2.56E-02	3.36E+00	-2.96E-02	3.39E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.25E-03	2.43E-02	3.91E-03	7.85E+00	4.94E-08	1.84E-07	1.58E+01	3.76E-01	5.30E-03	1.69E-01	3.83E-02	6.32E-01	1.35E+02	3.91E+00	3.51E-07	1.70E-07	9.01E-03	2.67E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NCN420	2.89E-02	3.45E+00	-2.29E-02	3.48E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.36E-03	2.57E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.49E-03	1.73E-01	4.44E-02	6.60E-01	1.35E+02	3.91E+00	3.68E-07	1.90E-07	9.57E-03	2.75E-04	1.24E+00	9.25E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN420A	2.89E-02	3.45E+00	-2.29E-02	3.48E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.36E-03	2.57E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.49E-03	1.73E-01	4.44E-02	6.60E-01	1.35E+02	3.91E+00	3.68E-07	1.90E-07	9.57E-03	2.75E-04	1.24E+00	9.25E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN425	2.85E-02	3.40E+00	-2.29E-02	3.42E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.20E-03	2.40E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.50E-03	1.73E-01	4.43E-02	6.57E-01	1.34E+02	3.91E+00	3.68E-07	1.87E-07	9.13E-03	2.74E-04	1.24E+00	9.25E-01	1.38E+02	1.85E-03	1.38E+02	1.40E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN425A	2.94E-02	3.53E+00	-2.54E-02	3.56E+00	2.49E-06	0.00E+00	2.41E+03	2.58E-04	2.40E-03	2.62E-02	4.07E-03	1.03E+01	5.15E-08	2.36E-07	2.11E+01	6.91E-01	5.51E-03	1.73E-01	4.44E-02	6.75E-01	1.35E+02	3.91E+00	3.68E-07	1.91E-07	9.72E-03	2.77E-04	1.23E+00	9.58E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.91E+00
NCN432A	3.67E-02	3.57E+00	-7.85E-03	3.57E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.59E-03	2.76E-02	4.35E-03	1.58E+01	4.91E-08	4.14E-07	3.34E+01	1.13E+00	5.89E-03	1.79E-01	5.72E-02	6.77E-01	1.30E+02	4.14E+00	4.02E-07	2.40E-07	1.07E-02	2.91E-04	1.57E+00	9.54E-01	1.34E+02	2.02E-03	1.34E+02	1.37E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NCN440A	4.70E-02	3.43E+00	1.13E-02	3.42E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.57E-03	2.78E-02	4.41E-03	2.38E+01	5.24E-08	5.69E-07	5.06E+01	1.80E+00	5.96E-03	1.72E-01	6.97E-02	7.20E-01	1.10E+02	4.14E+00	4.47E-07	3.02E-07	1.13E-02	3.14E-04	2.03E+00	9.60E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NCN450	4.82E-02	3.50E+00	1.21E-02	3.49E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.72E-03	2.94E-02	4.44E-03	2.43E+01	5.27E-08	5.79E-07	5.18E+01	1.80E+00	6.01E-03	1.72E-01	7.06E-02	7.03E-01	1.11E+02	4.14E+00	4.51E-07	3.05E-07	1.18E-02	3.16E-04	2.06E+00	9.63E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	3.02E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
NCN450A	4.82E-02	3.50E+00	1.21E-02	3.49E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.72E-03	2.94E-02	4.44E-03	2.43E+01	5.27E-08	5.79E-07	5.18E+01	1.80E+00	6.01E-03	1.72E-01	7.06E-02	7.03E-01	1.11E+02	4.14E+00	4.51E-07	3.05E-07	1.18E-02	3.16E-04	2.06E+00	9.63E-01	1.15E+02	2.40E-03	1.15E+02	1.19E+02	3.02E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
NCN463	4.91E-02	3.54E+00	1.21E-02	3.53E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.75E-03	2.99E-02	4.47E-03	2.45E+01	5.54E-08	5.84E-07	5.21E+01	1.79E+00	6.05E-03	1.72E-01	7.18E-02	7.76E-01	1.12E+02	4.14E+00	4.52E-07	3.17E-07	1.19E-02	3.18E-04	2.13E+00	9.66E-01	1.16E+02	2.40E-03	1.16E+02	1.20E+02	3.10E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
NCN463A	4.91E-02	3.54E+00	1.21E-02	3.53E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.75E-03	2.99E-02	4.47E-03	2.45E+01	5.54E-08	5.84E-07	5.21E+01	1.79E+00	6.05E-03	1.72E-01	7.18E-02	7.76E-01	1.12E+02	4.14E+00	4.52E-07	3.17E-07	1.19E-02	3.18E-04	2.13E+00	9.66E-01	1.16E+02	2.40E-03	1.16E+02	1.20E+02	3.10E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
NCN463N	4.02E-02	2.65E+00	-4.01E-02	2.73E+00	2.40E-06	0.00E+00	8.34E+02	5.37E-04	2.03E-03	2.28E-02	4.02E-03	1.89E+01	6.21E-08	4.26E-07	3.71E+01	1.34E+00	5.41E-03	1.29E-01	5.10E-02	6.05E-01	9.63E+01	2.17E+00	6.80E-07	2.55E-07	1.01E-02	2.57E-04	1.34E+00	1.11E+00	9.91E+01	6.61E-03	9.91E+01	1.03E+02	2.54E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+00
NCN506A	1.35E-02	1.91E+00	-2.09E-02	1.93E+00	1.47E-06	0.00E+00	1.43E+03	6.36E-05	1.33E-03	1.44E-02	1.89E-03	2.40E+00	2.39E-08	6.15E-08	5.00E+00	1.66E-01	2.57E-03	7.71E-02	1.81E-02	2.99E-01	6.49E+01	2.41E+00	1.63E-07	8.81E-08	5.07E-03	1.22E-04	4.36E-01	6.26E-01	6.75E+01	6.00E-04	6.75E+01	6.77E+01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-01
NCN520	1.43E-02	1.91E+00	-1.88E-02	1.93E+00	1.47E-06	0.00E+00	1.44E+03	1.08E-04	1.38E-03	1.48E-02	1.97E-03	4.50E+00	2.84E-08	1.23E-07	9.58E+00	2.55E-01	2.68E-03	7.74E-02	2.07E-02	3.08E-01	6.54E+01	2.45E+00	1.83E-07	9.42E-08	5.63E-03	1.23E-04	6.06E-01	5.54E-01	6.81E+01	7.00E-04	6.81E+01	6.82E+01	1.21E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-01
NCN520A	1.43E-02	1.88E+00	-1.87E-02	1.91E+00	1.47E-06	0.00E+00	1.43E+03	1.07E-04	1.32E-03	1.47E-02	1.97E-03	4.50E+00	2.51E-08	1.20E-07	9.58E+00	2.55E-01	2.68E-03	7.74E-02	2.04E-02	3.08E-01	6.54E+01	2.20E+00	1.83E-07	9.36E-08	5.57E-03	1.23E-04	5.97E-01	5.51E-01	6.82E+01	7.00E-04	6.82E+01	6.82E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-01
NCN532	1.58E-02	1.91E+00	-2.00E-02	1.95E+00	1.50E-06	0.00E+00	1.48E+03	1.31E-04	1.38E-03	1.49E-02	2.09E-03	5.69E+00	2.97E-08	1.42E-07	1.22E+01	3.33E-01	2.83E-03	7.93E-02	2.17E-02	3.31E-01	6.55E+01	2.45E+00	1.94E-07	1.01E-07	5.91E-03	1.28E-04	6.58E-01	6.29E-01	6.82E+01	7.05E-04	6.82E+01	6.84E+01	1.28E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-01
NCN613	2.55E-02	3.31E+00	-2.96E-02	3.33E+00	2.44E-06	0.00E+00	2.40E+03	1.55E-04	2.10E-03	2.27E-02	3.92E-03	7.87E+00	5.05E-08	1.85E-07	1.59E+01	3.76E-01	5.30E-03	1.69E-01	3.88E-02	6.47E-01	1.35E+02	3.91E+00	3.51E-07	1.70E-07	8.62E-03	2.65E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E+00
NCN620	2.89E-02	3.45E+00	-2.29E-02	3.48E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.36E-03	2.57E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.49E-03	1.73E-01	4.44E-02	6.60E-01	1.35E+02	3.91E+00	3.68E-07	1.90E-07	9.57E-03	2.75E-04	1.24E+00	9.25E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN625	2.85E-02	3.40E+00	-2.29E-02	3.42E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.20E-03	2.40E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.50E-03	1.73E-01	4.43E-02	6.57E-01	1.34E+02	3.91E+00	3.68E-07	1.87E-07	9.13E-03	2.74E-04	1.24E+00	9.25E-01	1.38E+02	1.85E-03	1.38E+02	1.40E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN632	3.67E-02	3.57E+00	-7.85E-03	3.57E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.59E-03	2.76E-02	4.35E-03	1.58E+01	4.91E-08	4.14E-07	3.34E+01	1.13E+00	5.89E-03	1.79E-01	5.72E-02	6.77E-01	1.30E+02	4.14E+00	4.02E-07	2.40E-07	1.07E-02	2.91E-04	1.57E+00	9.54E-01	1.34E+02	2.02E-03	1.34E+02	1.37E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NCN640	4.70E-02	3.43E+00	1.13E-02	3.42E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.57E-03	2.78E-02	4.41E-03	2.38E+01	5.24E-08	5.69E-07	5.06E+01	1.80E+00	5.96E-03	1.72E-01	6.97E-02	7.20E-01	1.10E+02	4.14E+00	4.47E-07	3.02E-07	1.13E-02	3.14E-04	2.03E+00	9.60E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NCN650	4.80E-02	3.48E+00	1.21E-02	3.47E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.68E-03	2.90E-02	4.44E-03	2.43E+01	5.27E-08	5.79E-07	5.18E+01	1.80E+00	6.01E-03	1.72E-01	7.06E-02	7.01E-01	1.11E+02	4.14E+00	4.51E-07	3.04E-07	1.17E-02	3.16E-04	2.05E+00	9.63E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
NCN663	4.90E-02	3.52E+00	1.21E-02	3.51E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.71E-03	2.94E-02	4.47E-03	2.45E+01	5.54E-08	5.84E-07	5.21E+01	1.79E+00	6.05E-03	1.72E-01	7.17E-02	7.74E-01	1.12E+02	4.14E+00	4.52E-07	3.16E-07	1.18E-02	3.17E-04	2.12E+00	9.66E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	3.09E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
ND106P	6.24E-03	9.76E-01	-7.94E-03	1.01E+00	8.55E-07	0.00E+00	6.36E+02	3.17E-05	5.62E-04	6.19E-03	9.06E-04	1.62E+00	1.11E-08	3.75E-08	3.31E+00	1.00E-01	1.22E-03	4.45E-02	7.95E-03	1.06E-01	3.01E+01	1.04E+00	1.07E-07	3.89E-08	2.11E-03	5.07E-05	2.24E-01	2.16E-01	3.06E+01	2.55E-04	3.06E+01	3.21E+01	4.10E-01	0.00E+00	0.00E+00	0.00E+00	3.36E-01
ND110P	9.26E-03	1.06E+00	-8.46E-03	1.08E+00	8.65E-07	0.00E+00	6.27E+02	5.09E-05	7.34E-04	8.00E-03	1.03E-03	2.25E+00	1.19E-08	5.87E-08	4.57E+00	1.50E-01	1.40E-03	4.58E-02	1.15E-02	1.90E-01	3.13E+01	1.02E+00	1.09E-07	5.79E-08	3.06E-03	5.91E-05	3.64E-01	2.47E-01	3.21E+01	3.31E-04	3.21E+01	3.36E+01	7.02E-01	0.00E+00	0.00E+00	0.00E+00	4.94E-01
ND116P	6.25E-03	9.73E-01	-7.84E-03	1.01E+00	8.55E-07	0.00E+00	6.35E+02	3.19E-05	5.66E-04	6.22E-03	9.06E-04	1.63E+00	1.06E-08	3.77E-08	3.38E+00	1.03E-01	1.22E-03	4.46E-02	8.02E-03	1.08E-01	3.01E+01	1.03E+00	1.07E-07	3.92E-08	2.12E-03	5.36E-05	2.36E-01	2.16E-01	3.06E+01	2.53E-04	3.06E+01	3.20E+01	4.25E-01	0.00E+00	0.00E+00	0.00E+00	3.39E-01
ND120P	9.53E-03	1.05E+00	-8.41E-03	1.06E+00	8.68E-07	0.00E+00	5.72E+02	5.28E-05	7.41E-04	8.10E-03	1.09E-03	2.40E+00	1.23E-08	6.06E-08	4.93E+00	1.56E-01	1.48E-03	4.59E-02	1.17E-02	1.89E-01	3.12E+01	1.03E+00	1.10E-07	6.07E-08	3.09E-03	6.12E-05	3.82E-01	2.51E-01	3.20E+01	3.60E-04	3.20E+01	3.36E+01	7.31E-01	0.00E+00	0.00E+00	0.00E+00	5.02E-01
ND125P	9.96E-03	1.04E+00	-3.01E-03	1.05E+00	9.04E-07	0.00E+00	5.48E+02	5.90E-05	7.42E-04	8.13E-03	1.10E-03	2.43E+00	1.30E-08	6.17E-08	5.03E+00	1.75E-01	1.48E-03	4.66E-02	1.24E-02	1.89E-01	3.12E+01	1.03E+00	1.14E-07	6.46E-08	3.17E-03	6.31E-05	4.30E-01	2.51E-01	3.21E+01	3.72E-04	3.21E+01	3.34E+01	7.75E-01	0.00E+00	0.00E+00	0.00E+00	5.35E-01
ND132P	1.14E-02	1.03E+00	-1.92E-03	1.03E+00	9.22E-07	0.00E+00	5.49E+02	1.15E-04	7.28E-04	8.02E-03	1.10E-03	4.75E+00	1.30E-08	1.26E-07	9.96E+00	2.92E-01	1.49E-03	4.64E-02	1.53E-02	1.85E-01	3.08E+01	1.04E+00	1.14E-07	7.33E-08	3.19E-03	6.45E-05	5.15E-01	2.48E-01	3.16E+01	4.57E-04	3.16E+01	3.30E+01	7.80E-01	0.00E+00	0.00E+00	0.00E+00	6.63E-01
ND140P	7.77E-03	9.74E-01	-1.22E-03	1.01E+00	9.12E-07	0.00E+00	6.17E+02	1.11E-04	5.74E-04	6.35E-03	9.07E-04	4.70E+00	1.37E-08	1.11E-07	9.72E+00	2.93E-01	1.22E-03	4.53E-02	1.34E-02	1.07E-01	3.03E+01	1.03E+00	1.11E-07	5.35E-08	2.19E-03	5.58E-05	4.17E-01	2.16E-01	3.09E+01	3.46E-04	3.09E+01	3.24E+01	5.21E-01	0.00E+00	0.00E+00	0.00E+00	5.89E-01
ND150P	7.64E-03	9.64E-01	-9.53E-05	1.00E+00	9.13E-07	0.00E+00	6.14E+02	1.40E-04	5.76E-04	6.36E-03	9.07E-04	4.75E+00	2.77E-08	1.02E-07	9.31E+00	3.47E-01	1.22E-03	4.54E-02	1.30E-02	1.09E-01	3.00E+01	1.03E+00	1.12E-07	5.28E-08	2.19E-03	5.59E-05	4.23E-01	2.16E-01	3.08E+01	3.56E-04	3.08E+01	3.21E+01	5.22E-01	0.00E+00	0.00E+00	0.00E+00	5.66E-01
ND163P	8.67E-03	9.66E-01	4.96E-04	1.00E+00	9.13E-07	0.00E+00	6.13E+02	1.51E-04	5.76E-04	6.36E-03	9.07E-04	5.75E+00	3.46E-08	1.34E-07	1.21E+01	4.08E-01	1.22E-03	4.55E-02	1.72E-02	1.10E-01	3.00E+01	1.03E+00	1.12E-07	5.88E-08	2.20E-03	5.67E-05	5.79E-01	2.16E-01	3.08E+01	4.00E-04	3.08E+01	3.21E+01	5.29E-01	0.00E+00	0.00E+00	0.00E+00	7.51E-01
ND206P	1.65E-02	2.03E+00	-1.70E-02	2.04E+00	1.08E-06	0.00E+00	1.38E+03	6.75E-05	1.47E-03	1.63E-02	2.01E-03	2.43E+00	2.08E-08	6.83E-08	5.01E+00	1.67E-01	2.73E-03	7.60E-02	2.02E-02	3.21E-01	5.20E+01	2.31E+00	1.75E-07	1.05E-07	6.40E-03	1.20E-04	5.50E-01	5.44E-01	5.60E+01	5.44E-04	5.60E+01	5.69E+01	1.41E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-01
ND216P	1.65E-02	2.03E+00	-1.78E-02	2.04E+00	1.10E-06	0.00E+00	1.40E+03	1.25E-04	1.48E-03	1.65E-02	2.10E-03	5.13E+00	2.59E-08	1.32E-07	1.05E+01	3.00E-01	2.83E-03	7.67E-02	2.09E-02	3.23E-01	5.19E+01	2.32E+00	1.85E-07	1.07E-07	6.41E-03	1.21E-04	6.87E-01	5.45E-01	5.59E+01	6.34E-04	5.59E+01	5.69E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-01
ND220P	1.66E-02	2.04E+00	-1.53E-02	2.05E+00	1.10E-06	0.00E+00	1.40E+03	1.25E-04	1.50E-03	1.66E-02	2.12E-03	5.42E+00	2.59E-08	1.30E-07	1.09E+01	3.00E-01	2.87E-03	7.82E-02	2.08E-02	3.26E-01	5.22E+01	2.33E+00	1.90E-07	1.08E-07	6.51E-03	1.23E-04	7.00E-01	5.48E-01	5.57E+01	6.34E-04	5.57E+01	5.67E+01	1.45E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-01
ND225P	1.74E-02	2.04E+00	-1.34E-02	2.04E+00	1.08E-06	0.00E+00	1.40E+03	1.43E-04	1.50E-03	1.66E-02	2.12E-03	6.71E+00	2.71E-08	1.61E-07	1.32E+01	3.71E-01	2.87E-03	7.79E-02	2.16E-02	3.29E-01	5.18E+01	2.34E+00	1.89E-07	1.12E-07	6.54E-03	1.23E-04	7.60E-01	4.69E-01	5.56E+01	6.36E-04	5.56E+01	5.66E+01	1.46E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-01
ND232P	1.80E-02	2.04E+00	-1.34E-02	2.06E+00	1.08E-06	0.00E+00	1.41E+03	1.46E-04	1.49E-03	1.66E-02	2.14E-03	6.98E+00	2.84E-08	1.67E-07	1.39E+01	3.83E-01	2.89E-03	7.89E-02	2.21E-02	3.54E-01	5.21E+01	2.35E+00	1.93E-07	1.14E-07	6.55E-03	1.29E-04	7.76E-01	4.69E-01	5.57E+01	6.41E-04	5.57E+01	5.69E+01	1.48E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-01
ND240P	1.70E-02	2.04E+00	-1.35E-02	2.04E+00	1.08E-06	0.00E+00	1.40E+03	1.41E-04	1.49E-03	1.66E-02	2.14E-03	6.69E+00	2.68E-08	1.54E-07	1.31E+01	3.69E-01	2.89E-03	7.90E-02	2.10E-02	3.29E-01	5.21E+01	2.34E+00	1.90E-07	1.08E-07	6.48E-03	1.23E-04	7.65E-01	4.69E-01	5.56E+01	6.36E-04	5.56E+01	5.67E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-01
ND250P	2.05E-02	2.04E+00	-1.18E-02	2.06E+00	1.08E-06	0.00E+00	1.41E+03	1.80E-04	1.50E-03	1.67E-02	2.15E-03	7.77E+00	2.85E-08	2.01E-07	1.58E+01	4.48E-01	2.90E-03	7.88E-02	2.28E-02	3.63E-01	5.20E+01	2.35E+00	2.08E-07	1.24E-07	6.57E-03	1.32E-04	8.01E-01	4.69E-01	5.53E+01	7.00E-04	5.53E+01	5.69E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-01
ND263P	2.21E-02	2.04E+00	-1.04E-02	2.06E+00	1.08E-06	0.00E+00	1.41E+03	3.61E-04	1.51E-03	1.68E-02	2.16E-03	1.02E+01	2.85E-08	2.96E-07	2.24E+01	9.15E-01	2.93E-03	7.88E-02	2.98E-02	3.66E-01	5.20E+01	2.35E+00	2.32E-07	1.31E-07	6.60E-03	1.32E-04	1.01E+00	4.69E-01	5.53E+01	7.09E-04	5.53E+01	5.69E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+00
ND306P	2.40E-02	2.84E+00	-2.08E-02	2.91E+00	1.81E-06	0.00E+00	1.85E+03	1.21E-04	1.94E-03	2.07E-02	2.98E-03	5.05E+00	3.48E-08	1.65E-07	1.04E+01	2.96E-01	4.04E-03	1.12E-01	3.21E-02	5.92E-01	9.79E+01	3.74E+00	2.77E-07	1.58E-07	8.16E-03	2.02E-04	9.02E-01	7.31E-01	1.02E+02	5.92E-04	1.02E+02	1.03E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
ND310P	2.41E-02	2.84E+00	-2.07E-02	2.91E+00	1.84E-06	0.00E+00	1.85E+03	1.42E-04	1.96E-03	2.08E-02	2.98E-03	6.68E+00	3.61E-08	1.48E-07	1.32E+01	3.66E-01	4.04E-03	1.12E-01	3.23E-02	5.94E-01	9.80E+01	3.75E+00	2.79E-07	1.59E-07	8.18E-03	2.03E-04	9.73E-01	7.58E-01	1.02E+02	6.11E-04	1.02E+02	1.04E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
ND316P	2.57E-02	2.84E+00	-1.96E-02	2.90E+00	1.84E-06	0.00E+00	1.87E+03	1.53E-04	1.96E-03	2.08E-02	3.09E-03	7.50E+00	3.80E-08	1.71E-07	1.47E+01	3.94E-01	4.18E-03	1.12E-01	3.33E-02	5.99E-01	9.79E+01	3.72E+00	2.93E-07	1.71E-07	8.33E-03	2.04E-04	1.01E+00	7.60E-01	1.03E+02	6.15E-04	1.03E+02	1.04E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
ND320P	2.53E-02	2.88E+00	-1.96E-02	2.92E+00	1.74E-06	0.00E+00	1.87E+03	1.46E-04	1.98E-03	2.10E-02	3.17E-03	7.26E+00	3.89E-08	1.63E-07	1.43E+01	3.85E-01	4.29E-03	1.12E-01	3.31E-02	6.11E-01	9.79E+01	3.73E+00	3.43E-07	1.71E-07	8.52E-03	2.31E-04	9.71E-01	7.60E-01	1.03E+02	6.42E-04	1.03E+02	1.04E+02	2.09E+00	0.00E+00	0.00E+00	0.00E+00	1.44E+00
ND325P	2.60E-02	2.88E+00	-1.66E-02	2.91E+00	1.73E-06	0.00E+00	1.87E+03	1.80E-04	1.97E-03	2.12E-02	3.17E-03	8.22E+00	3.85E-08	1.95E-07	1.66E+01	4.35E-01	4.29E-03	1.12E-01	3.54E-02	5.91E-01	9.77E+01	3.74E+00	3.34E-07	1.76E-07	8.55E-03	2.31E-04	1.01E+00	7.34E-01	1.02E+02	7.14E-04	1.02E+02	1.04E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
ND332P	2.91E-02	2.93E+00	-1.54E-02	2.97E+00	1.71E-06	0.00E+00	2.07E+03	3.48E-04	2.02E-03	2.17E-02	3.26E-03	1.00E+01	3.97E-08	3.06E-07	2.12E+01	8.88E-01	4.42E-03	1.12E-01	4.12E-02	5.99E-01	9.80E+01	3.74E+00	3.72E-07	1.87E-07	8.79E-03	2.32E-04	1.15E+00	7.34E-01	1.03E+02	7.16E-04	1.03E+02	1.04E+02	2.11E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+00
ND340P	2.61E-02	2.91E+00	-1.75E-02	2.96E+00	1.76E-06	0.00E+00	2.07E+03	1.80E-04	1.98E-03	2.13E-02	3.28E-03	8.08E+00	3.91E-08	1.95E-07	1.64E+01	4.35E-01	4.44E-03	1.12E-01	3.43E-02	6.01E-01	9.78E+01	3.73E+00	3.68E-07	1.76E-07	8.57E-03	2.32E-04	9.82E-01	7.34E-01	1.02E+02	7.03E-04	1.02E+02	1.04E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
ND350P	3.34E-02	2.94E+00	-1.32E-02	2.99E+00	1.72E-06	0.00E+00	2.10E+03	3.53E-04	2.09E-03	2.21E-02	3.28E-03	1.14E+01	3.97E-08	3.17E-07	2.50E+01	9.06E-01	4.44E-03	1.12E-01	4.50E-02	6.12E-01	9.81E+01	3.74E+00	4.50E-07	2.05E-07	9.24E-03	2.35E-04	1.16E+00	7.61E-01	1.03E+02	7.47E-04	1.03E+02	1.04E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.98E+00
ND363P	3.50E-02	2.94E+00	-1.26E-02	2.99E+00	1.73E-06	0.00E+00	2.10E+03	3.52E-04	2.12E-03	2.29E-02	3.28E-03	1.14E+01	3.94E-08	3.18E-07	2.50E+01	9.06E-01	4.46E-03	1.12E-01	4.97E-02	6.27E-01	9.81E+01	3.74E+00	5.15E-07	2.16E-07	9.33E-03	2.37E-04	1.16E+00	7.19E-01	1.03E+02	7.54E-04	1.03E+02	1.04E+02	2.15E+00	0.00E+00	0.00E+00	0.00E+00	2.16E+00
ND416P	3.27E-02	2.95E+00	-2.00E-02	3.05E+00	1.80E-06	0.00E+00	2.12E+03	1.78E-04	2.32E-03	2.49E-02	4.00E-03	8.34E+00	4.14E-08	2.44E-07	1.72E+01	4.26E-01	5.43E-03	1.13E-01	4.16E-02	6.23E-01	1.01E+02	3.74E+00	3.88E-07	2.11E-07	9.82E-03	2.57E-04	1.11E+00	8.73E-01	1.05E+02	1.82E-03	1.05E+02	1.07E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	1.80E+00
ND425P	3.66E-02	2.96E+00	-1.58E-02	3.06E+00	1.76E-06	0.00E+00	2.12E+03	5.30E-04	2.38E-03	2.56E-02	4.06E-03	1.24E+01	4.19E-08	3.25E-07	2.71E+01	1.29E+00	5.49E-03	1.13E-01	5.01E-02	6.34E-01	1.01E+02	3.74E+00	5.32E-07	2.30E-07	1.03E-02	2.57E-04	1.18E+00	8.74E-01	1.06E+02	1.82E-03	1.06E+02	1.07E+02	2.22E+00	0.00E+00	0.00E+00	0.00E+00	2.19E+00
ND440P	5.01E-02	2.96E+00	-1.58E-02	3.06E+00	1.76E-06	0.00E+00	2.12E+03	5.30E-04	2.42E-03	2.59E-02	4.07E-03	1.52E+01	4.19E-08	4.57E-07	3.31E+01	1.30E+00	5.50E-03	1.13E-01	5.95E-02	7.40E-01	1.01E+02	3.74E+00	5.54E-07	3.07E-07	1.08E-02	3.10E-04	1.45E+00	8.74E-01	1.06E+02	1.82E-03	1.06E+02	1.07E+02	2.70E+00	0.00E+00	0.00E+00	0.00E+00	2.59E+00
ND450P	5.16E-02	3.02E+00	-1.55E-02	3.07E+00	1.80E-06	0.00E+00	2.12E+03	5.29E-04	2.45E-03	2.64E-02	4.07E-03	1.55E+01	4.15E-08	4.70E-07	3.31E+01	1.30E+00	5.52E-03	1.13E-01	6.42E-02	7.47E-01	1.02E+02	3.74E+00	6.75E-07	3.15E-07	1.09E-02	3.10E-04	1.46E+00	8.74E-01	1.06E+02	1.83E-03	1.06E+02	1.09E+02	2.70E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+00
NDN016	6.32E-03	8.41E-01	-7.56E-03	8.49E-01	9.18E-07	0.00E+00	6.14E+02	3.88E-05	5.33E-04	5.76E-03	9.84E-04	1.96E+00	1.24E-08	4.63E-08	4.00E+00	9.49E-02	1.33E-03	4.42E-02	9.70E-03	1.44E-01	3.48E+01	9.83E-01	8.60E-08	4.20E-08	2.16E-03	5.48E-05	2.95E-01	2.28E-01	3.58E+01	4.24E-04	3.58E+01	3.63E+01	5.23E-01	0.00E+00	0.00E+00	0.00E+00	4.17E-01
NDN020	7.12E-03	8.64E-01	-5.89E-03	8.70E-01	9.31E-07	0.00E+00	6.16E+02	6.49E-05	5.58E-04	6.08E-03	1.02E-03	2.57E+00	1.29E-08	5.94E-08	5.35E+00	1.74E-01	1.38E-03	4.51E-02	1.12E-02	1.51E-01	3.47E+01	9.85E-01	9.05E-08	4.68E-08	2.30E-03	5.71E-05	3.34E-01	2.32E-01	3.57E+01	4.31E-04	3.57E+01	3.62E+01	5.65E-01	0.00E+00	0.00E+00	0.00E+00	4.81E-01
NDN032	9.05E-03	8.83E-01	-2.11E-03	8.85E-01	9.51E-07	0.00E+00	4.31E+02	1.00E-04	6.08E-04	6.47E-03	1.08E-03	3.93E+00	1.23E-08	1.03E-07	8.37E+00	2.84E-01	1.46E-03	4.66E-02	1.44E-02	1.55E-01	3.33E+01	1.00E+00	9.85E-08	5.91E-08	2.56E-03	6.07E-05	4.15E-01	2.37E-01	3.43E+01	4.73E-04	3.43E+01	3.50E+01	6.52E-01	0.00E+00	0.00E+00	0.00E+00	6.16E-01
NDN101A	8.45E-03	9.69E-01	-1.27E-02	9.52E-01	9.57E-07	0.00E+00	1.03E+03	5.29E-05	7.15E-04	7.55E-03	1.06E-03	2.15E+00	1.84E-08	5.64E-08	4.20E+00	1.66E-01	1.49E-03	4.28E-02	1.14E-02	1.83E-01	3.00E+01	1.13E+00	1.12E-07	5.41E-08	2.85E-03	6.02E-05	3.33E-01	2.76E-01	3.09E+01	3.87E-04	3.09E+01	3.15E+01	6.58E-01	0.00E+00	0.00E+00	0.00E+00	4.93E-01
NDN120A	7.36E-03	8.87E-01	-6.50E-03	8.94E-01	9.31E-07	0.00E+00	6.20E+02	6.48E-05	6.04E-04	6.61E-03	1.02E-03	2.57E+00	1.30E-08	5.95E-08	5.27E+00	1.74E-01	1.38E-03	4.32E-02	1.11E-02	1.55E-01	3.38E+01	9.90E-01	9.07E-08	4.78E-08	2.42E-03	5.72E-05	3.16E-01	2.39E-01	3.48E+01	4.31E-04	3.48E+01	3.54E+01	5.55E-01	0.00E+00	0.00E+00	0.00E+00	4.77E-01
NDN140A	1.17E-02	8.56E-01	2.67E-03	8.53E-01	9.80E-07	0.00E+00	4.55E+02	1.56E-04	6.43E-04	6.94E-03	1.10E-03	5.94E+00	1.32E-08	1.43E-07	1.27E+01	4.51E-01	1.49E-03	4.29E-02	1.74E-02	1.65E-01	2.76E+01	1.05E+00	1.10E-07	7.53E-08	2.80E-03	6.66E-05	5.13E-01	2.40E-01	2.87E+01	5.67E-04	2.87E+01	2.94E+01	7.53E-01	0.00E+00	0.00E+00	0.00E+00	7.48E-01
NDN150	1.09E-02	1.01E+00	-1.71E-03	9.98E-01	9.82E-07	0.00E+00	5.29E+02	1.32E-04	7.73E-04	8.34E-03	1.10E-03	4.84E+00	1.99E-08	1.08E-07	9.88E+00	3.97E-01	1.52E-03	4.49E-02	1.57E-02	1.84E-01	3.40E+01	1.07E+00	1.30E-07	7.06E-08	3.23E-03	7.09E-05	5.27E-01	2.64E-01	3.45E+01	1.42E-03	3.45E+01	3.59E+01	7.67E-01	0.00E+00	0.00E+00	0.00E+00	6.59E-01
NDN163	1.21E-02	1.03E+00	-4.86E-03	1.01E+00	9.87E-07	0.00E+00	1.28E+03	1.44E-04	1.02E-03	1.03E-02	1.15E-03	5.60E+00	2.27E-08	1.32E-07	1.18E+01	4.14E-01	1.61E-03	5.18E-02	1.78E-02	1.87E-01	3.42E+01	1.36E+00	1.30E-07	7.96E-08	3.24E-03	7.09E-05	5.79E-01	2.82E-01	3.54E+01	1.43E-03	3.54E+01	3.66E+01	7.93E-01	0.00E+00	0.00E+00	0.00E+00	7.50E-01
NDN163A	1.24E-02	9.11E-01	2.25E-03	9.08E-01	9.80E-07	0.00E+00	4.55E+02	1.55E-04	7.03E-04	7.66E-03	1.12E-03	6.13E+00	1.40E-08	1.46E-07	1.30E+01	4.49E-01	1.52E-03	4.29E-02	1.80E-02	1.84E-01	2.82E+01	1.05E+00	1.12E-07	7.98E-08	3.02E-03	6.77E-05	5.39E-01	2.49E-01	2.92E+01	5.69E-04	2.92E+01	3.00E+01	7.88E-01	0.00E+00	0.00E+00	0.00E+00	7.72E-01
NDN201	1.46E-02	1.91E+00	-2.14E-02	1.93E+00	1.47E-06	0.00E+00	1.46E+03	6.41E-05	1.36E-03	1.47E-02	2.00E-03	2.40E+00	2.63E-08	6.46E-08	4.96E+00	1.64E-01	2.73E-03	7.73E-02	2.00E-02	3.08E-01	6.54E+01	2.44E+00	1.81E-07	9.38E-08	5.66E-03	1.22E-04	4.53E-01	6.38E-01	6.79E+01	6.20E-04	6.79E+01	6.80E+01	1.20E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-01
NDN210	1.40E-02	1.91E+00	-1.97E-02	1.94E+00	1.47E-06	0.00E+00	1.44E+03	9.95E-05	1.35E-03	1.45E-02	1.89E-03	4.66E+00	2.74E-08	1.30E-07	9.97E+00	2.54E-01	2.57E-03	7.71E-02	1.98E-02	2.99E-01	6.49E+01	2.41E+00	1.66E-07	9.06E-08	5.07E-03	1.22E-04	5.63E-01	5.77E-01	6.75E+01	6.53E-04	6.75E+01	6.77E+01	1.13E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-01
NDN250	1.87E-02	1.95E+00	-1.79E-02	1.99E+00	1.55E-06	0.00E+00	1.48E+03	1.64E-04	1.43E-03	1.53E-02	2.14E-03	7.57E+00	3.23E-08	1.67E-07	1.54E+01	4.05E-01	2.90E-03	8.06E-02	2.26E-02	3.45E-01	6.52E+01	2.51E+00	2.14E-07	1.14E-07	5.95E-03	1.34E-04	7.25E-01	6.42E-01	6.71E+01	7.95E-04	6.71E+01	6.78E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-01

NDN301A	2.38E-02	3.01E+00	-3.45E-02	3.00E+00	2.20E-06	0.00E+00	1.87E+03	7.08E-05	1.88E-03	2.05E-02	2.99E-03	2.45E+00	3.01E-08	7.66E-08	5.14E+00	1.75E-01	4.06E-03	1.15E-01	3.17E-02	5.97E-01	9.64E+01	3.44E+00	2.88E-07	1.57E-07	8.03E-03	1.94E-04	7.87E-01	7.70E-01	1.00E+02	6.63E-04	1.00E+02	1.01E+02	2.02E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E+00
NDN320A	2.17E-02	2.60E+00	-1.72E-02	2.62E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.77E-03	1.93E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	4.99E-01	1.01E+02	2.95E+00	2.76E-07	1.43E-07	7.19E-03	2.07E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NDN325	2.17E-02	2.60E+00	-1.72E-02	2.62E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.77E-03	1.94E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	5.00E-01	1.01E+02	2.95E+00	2.76E-07	1.43E-07	7.19E-03	2.07E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NDN325A	2.17E-02	2.60E+00	-1.72E-02	2.62E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.77E-03	1.94E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	5.00E-01	1.01E+02	2.95E+00	2.76E-07	1.43E-07	7.19E-03	2.07E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NDN332A	2.75E-02	2.67E+00	-5.87E-03	2.68E+00	2.44E-06	0.00E+00	1.31E+03	3.02E-04	1.91E-03	2.03E-02	3.27E-03	1.18E+01	3.69E-08	3.10E-07	2.50E+01	8.50E-01	4.43E-03	1.34E-01	4.30E-02	5.13E-01	9.76E+01	3.12E+00	3.01E-07	1.80E-07	7.96E-03	2.18E-04	1.20E+00	7.17E-01	1.01E+02	1.50E-03	1.01E+02	1.03E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NDN340A	3.53E-02	2.58E+00	8.51E-03	2.57E+00	2.53E-06	0.00E+00	1.32E+03	4.67E-04	1.93E-03	2.09E-02	3.31E-03	1.78E+01	3.94E-08	4.27E-07	3.80E+01	1.35E+00	4.48E-03	1.29E-01	5.23E-02	5.43E-01	8.30E+01	3.12E+00	3.35E-07	2.27E-07	8.48E-03	2.37E-04	1.54E+00	7.21E-01	8.62E+01	1.79E-03	8.62E+01	8.84E+01	2.26E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E+00
NDN350A	3.62E-02	2.63E+00	9.07E-03	2.63E+00	2.53E-06	0.00E+00	1.32E+03	4.67E-04	2.05E-03	2.21E-02	3.34E-03	1.83E+01	3.96E-08	4.35E-07	3.89E+01	1.35E+00	4.52E-03	1.29E-01	5.30E-02	5.31E-01	8.37E+01	3.12E+00	3.38E-07	2.29E-07	8.83E-03	2.38E-04	1.56E+00	7.23E-01	8.68E+01	1.79E-03	8.68E+01	8.91E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
NDN363A	3.69E-02	2.67E+00	9.08E-03	2.66E+00	2.53E-06	0.00E+00	1.32E+03	4.65E-04	2.07E-03	2.25E-02	3.36E-03	1.84E+01	4.16E-08	4.38E-07	3.91E+01	1.35E+00	4.55E-03	1.29E-01	5.39E-02	5.86E-01	8.44E+01	3.12E+00	3.39E-07	2.39E-07	8.96E-03	2.39E-04	1.62E+00	7.25E-01	8.76E+01	1.79E-03	8.76E+01	8.99E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NDN410	2.52E-02	3.15E+00	-3.24E-02	3.14E+00	2.39E-06	0.00E+00	2.36E+03	1.54E-04	2.18E-03	2.37E-02	3.80E-03	7.75E+00	4.60E-08	1.77E-07	1.52E+01	3.75E-01	5.17E-03	1.65E-01	3.68E-02	6.38E-01	1.31E+02	3.73E+00	3.67E-07	1.73E-07	8.95E-03	2.54E-04	1.06E+00	9.10E-01	1.33E+02	1.37E-03	1.33E+02	1.33E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
NDN416	2.57E-02	3.37E+00	-2.96E-02	3.40E+00	2.44E-06	0.00E+00	2.40E+03	1.55E-04	2.26E-03	2.45E-02	3.91E-03	7.82E+00	4.94E-08	1.84E-07	1.59E+01	3.76E-01	5.30E-03	1.69E-01	3.84E-02	6.36E-01	1.36E+02	3.91E+00	3.50E-07	1.71E-07	9.04E-03	2.66E-04	1.12E+00	9.11E-01	1.40E+02	1.82E-03	1.40E+02	1.42E+02	2.03E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NDN416A	2.57E-02	3.37E+00	-2.96E-02	3.40E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.26E-03	2.44E-02	3.91E-03	7.82E+00	4.94E-08	1.84E-07	1.58E+01	3.76E-01	5.30E-03	1.69E-01	3.84E-02	6.36E-01	1.35E+02	3.91E+00	3.50E-07	1.70E-07	9.03E-03	2.66E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NDN432A	3.66E-02	3.54E+00	-7.86E-03	3.55E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.52E-03	2.68E-02	4.35E-03	1.57E+01	4.92E-08	4.14E-07	3.34E+01	1.13E+00	5.89E-03	1.79E-01	5.73E-02	6.80E-01	1.30E+02	4.14E+00	4.01E-07	2.38E-07	1.05E-02	2.90E-04	1.57E+00	9.55E-01	1.34E+02	2.02E-03	1.34E+02	1.36E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NDN440A	4.70E-02	3.43E+00	1.13E-02	3.42E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.58E-03	2.78E-02	4.41E-03	2.38E+01	5.25E-08	5.69E-07	5.06E+01	1.80E+00	5.96E-03	1.72E-01	6.97E-02	7.21E-01	1.10E+02	4.14E+00	4.47E-07	3.02E-07	1.13E-02	3.15E-04	2.03E+00	9.60E-01	1.15E+02	2.40E-03	1.15E+02	1.18E+02	2.99E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NDN450A	4.88E-02	3.58E+00	9.61E-03	3.57E+00	2.69E-06	0.00E+00	1.74E+03	6.22E-04	2.77E-03	3.00E-02	4.46E-03	2.44E+01	5.30E-08	5.80E-07	5.17E+01	1.80E+00	6.03E-03	1.72E-01	7.07E-02	7.20E-01	1.11E+02	4.14E+00	4.51E-07	3.07E-07	1.19E-02	3.18E-04	2.05E+00	9.96E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	3.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+00
NDN463A	4.93E-02	3.57E+00	1.21E-02	3.55E+00	2.69E-06	0.00E+00	1.76E+03	6.21E-04	2.76E-03	3.00E-02	4.48E-03	2.45E+01	5.55E-08	5.84E-07	5.21E+01	1.79E+00	6.07E-03	1.72E-01	7.20E-02	7.79E-01	1.13E+02	4.17E+00	4.54E-07	3.18E-07	1.20E-02	3.19E-04	2.13E+00	9.68E-01	1.17E+02	2.40E-03	1.17E+02	1.20E+02	3.10E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E+00
NEN116	9.02E-03	8.65E-01	-1.76E-02	8.75E-01	1.48E-06	0.00E+00	6.66E+02	5.27E-05	6.39E-04	6.89E-03	9.98E-04	2.22E+00	1.77E-08	6.56E-08	4.86E+00	1.77E-01	1.35E-03	4.24E-02	1.14E-02	1.72E-01	3.00E+01	1.06E+00	1.09E-07	5.63E-08	2.65E-03	6.10E-05	3.35E-01	2.40E-01	3.01E+01	3.94E-04	3.01E+01	3.03E+01	6.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-01
NEN220	1.55E-02	2.06E+00	-1.62E-02	2.08E+00	2.14E-06	0.00E+00	1.13E+03	1.10E-04	1.37E-03	1.53E-02	2.03E-03	4.58E+00	2.89E-08	1.33E-07	1.02E+01	2.64E-01	2.69E-03	9.47E-02	2.11E-02	3.26E-01	7.28E+01	1.91E+00	2.86E-07	9.93E-08	6.42E-03	1.46E-04	6.32E-01	4.96E-01	7.42E+01	7.00E-04	7.42E+01	7.51E+01	1.26E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-01
NEN450	3.72E-02	2.51E+00	-2.07E-02	2.45E+00	2.56E-06	0.00E+00	1.69E+03	5.57E-04	1.83E-03	2.05E-02	4.04E-03	1.33E+01	3.86E-08	3.50E-07	2.88E+01	1.28E+00	5.53E-03	1.71E-01	5.02E-02	6.29E-01	1.27E+02	2.47E+00	6.29E-07	2.39E-07	9.76E-03	2.61E-04	1.21E+00	6.08E-01	1.29E+02	1.97E-03	1.29E+02	1.34E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E+00
NF100A	8.31E-03	8.74E-01	-7.97E-03	8.88E-01	9.19E-07	0.00E+00	4.07E+02	4.56E-05	5.61E-04	5.98E-03	1.06E-03	1.92E+00	1.07E-08	6.71E-08	4.42E+00	1.23E-01	1.43E-03	5.02E-02	1.19E-02	1.74E-01	3.71E+01	8.24E-01	1.42E-07	5.08E-08	2.44E-03	5.70E-05	2.84E-01	2.22E-01	3.83E+01	1.92E-03	3.83E+01	3.90E+01	5.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-01
NF101A	8.32E-03	8.78E-01	-8.16E-03	8.90E-01	9.20E-07	0.00E+00	4.07E+02	4.64E-05	5.61E-04	5.99E-03	1.07E-03	2.02E+00	1.09E-08	6.88E-08	4.64E+00	1.25E-01	1.44E-03	5.03E-02	1.19E-02	1.72E-01	3.71E+01	8.25E-01	1.42E-07	5.10E-08	2.45E-03	5.80E-05	2.84E-01	2.22E-01	3.81E+01	1.92E-03	3.81E+01	3.90E+01	5.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-01
NF102A	8.31E-03	8.76E-01	-8.51E-03	8.87E-01	9.20E-07	0.00E+00	4.08E+02	4.76E-05	5.61E-04	6.00E-03	1.08E-03	2.03E+00	9.97E-09	6.92E-08	4.66E+00	1.33E-01	1.46E-03	5.10E-02	1.19E-02	1.73E-01	3.70E+01	8.24E-01	1.41E-07	5.10E-08	2.45E-03	5.70E-05	2.81E-01	2.29E-01	3.81E+01	1.92E-03	3.81E+01	3.88E+01	5.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-01
NF103A	8.27E-03	8.77E-01	-8.36E-03	8.89E-01	9.19E-07	0.00E+00	4.09E+02	4.68E-05	5.60E-04	5.99E-03	1.07E-03	2.01E+00	9.71E-09	6.56E-08	4.48E+00	1.30E-01	1.44E-03	5.02E-02	1.20E-02	1.76E-01	3.71E+01	8.24E-01	1.41E-07	5.09E-08	2.45E-03	5.59E-05	2.82E-01	2.22E-01	3.83E+01	1.93E-03	3.83E+01	3.88E+01	5.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-01
NF104A	8.29E-03	8.68E-01	-8.12E-03	8.86E-01	9.18E-07	0.00E+00	4.31E+02	4.52E-05	5.61E-04	5.99E-03	1.05E-03	1.94E+00	9.82E-09	6.54E-08	4.36E+00	1.22E-01	1.42E-03	5.01E-02	1.19E-02	1.76E-01	3.71E+01	8.24E-01	1.42E-07	5.08E-08	2.44E-03	5.68E-05	2.83E-01	2.22E-01	3.83E+01	1.93E-03	3.83E+01	3.90E+01	5.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01
NF106A	6.14E-03	8.57E-01	-9.33E-03	8.63E-01	9.10E-07	0.00E+00	6.91E+02	2.55E-05	5.10E-04	5.50E-03	9.14E-04	1.14E+00	7.07E-09	3.59E-08	2.53E+00	5.26E-02	1.24E-03	4.98E-02	9.19E-03	1.08E-01	3.69E+01	9.49E-01	1.24E-07	3.91E-08	2.05E-03	4.15E-05	1.65E-01	2.09E-01	3.81E+01	1.08E-04	3.81E+01	3.85E+01	3.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NF110A	6.43E-03	8.62E-01	-9.09E-03	8.72E-01	8.71E-07	0.00E+00	6.91E+02	2.65E-05	5.22E-04	5.65E-03	9.29E-04	1.41E+00	7.10E-09	3.78E-08	3.00E+00	5.44E-02	1.26E-03	4.96E-02	9.37E-03	1.15E-01	3.68E+01	9.48E-01	1.25E-07	4.08E-08	2.12E-03	4.22E-05	1.59E-01	2.11E-01	3.79E+01	1.10E-04	3.79E+01	3.84E+01	3.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-01
NF116A	6.45E-03	8.62E-01	-9.17E-03	8.72E-01	8.71E-07	0.00E+00	6.91E+02	2.63E-05	5.22E-04	5.65E-03	9.32E-04	1.40E+00	7.10E-09	3.85E-08	3.06E+00	5.24E-02	1.26E-03	4.96E-02	9.48E-03	1.14E-01	3.69E+01	9.48E-01	1.25E-07	4.09E-08	2.12E-03	4.23E-05	1.59E-01	2.11E-01	3.80E+01	1.10E-04	3.80E+01	3.85E+01	3.70E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-01
NF120A	6.60E-03	8.61E-01	-8.78E-03	8.74E-01	8.83E-07	0.00E+00	6.91E+02	4.89E-05	5.25E-04	5.70E-03	9.38E-04	1.64E+00	8.83E-08	4.53E-08	3.67E+00	9.22E-02	1.27E-03	4.96E-02	9.85E-03	1.18E-01	3.69E+01	9.48E-01	1.25E-07	4.22E-08	2.15E-03	4.28E-05	1.66E-01	2.13E-01	3.79E+01	1.12E-04	3.79E+01	3.85E+01	3.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-01
NF125A	7.88E-03	8.62E-01	-8.58E-03	8.77E-01	7.31E-07	0.00E+00	6.95E+02	3.23E-05	5.50E-04	5.92E-03	9.62E-04	1.81E+00	7.85E-09	4.98E-08	3.85E+00	6.66E-02	1.30E-03	4.97E-02	1.11E-02	1.22E-01	3.71E+01	9.46E-01	1.33E-07	4.88E-08	2.31E-03	4.40E-05	1.88E-01	2.15E-01	3.80E+01	1.37E-04	3.80E+01	3.86E+01	4.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NF132A	9.67E-03	9.78E-01	-3.07E-03	9.78E-01	9.88E-07	0.00E+00	3.68E+02	1.53E-04	7.19E-04	7.55E-03	1.06E-03	3.58E+00	1.62E-07	9.76E-08	7.55E+00	3.97E-01	1.44E-03	5.16E-02	1.39E-02	1.75E-01	3.28E+01	7.38E-01	1.45E-07	6.08E-08	3.04E-03	5.59E-05	3.60E-01	2.35E-01	3.33E+01	2.02E-03	3.33E+01	3.41E+01	5.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-01
NF140A	9.87E-03	9.46E-01	-3.06E-03	9.48E-01	9.87E-07	0.00E+00	3.71E+02	1.53E-04	7.04E-04	7.44E-03	1.06E-03	3.50E+00	1.63E-07	9.67E-08	7.45E+00	3.98E-01	1.43E-03	5.15E-02	1.39E-02	1.70E-01	3.26E+01	7.42E-01	1.45E-07	6.16E-08	3.03E-03	5.61E-05	3.54E-01	2.34E-01	3.37E+01	2.01E-03	3.37E+01	3.40E+01	5.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-01
NF150A	1.25E-02	9.50E-01	4.64E-03	9.47E-01	9.80E-07	0.00E+00	3.97E+02	1.66E-04	6.70E-04	7.41E-03	1.08E-03	5.61E+00	8.54E-09	1.27E-07	1.16E+01	4.83E-01	1.46E-03	4.94E-02	1.80E-02	2.02E-01	3.26E+01	7.47E-01	1.92E-07	8.20E-08	2.99E-03	7.63E-05	5.31E-01	2.27E-01	3.40E+01	1.84E-03	3.40E+01	3.47E+01	7.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-01
NF163A	1.27E-02	1.04E+00	5.10E-03	1.03E+00	9.82E-07	0.00E+00	4.00E+02	1.79E-04	7.81E-04	8.49E-03	1.11E-03	6.25E+00	1.37E-08	1.42E-07	1.33E+01	5.28E-01	1.49E-03	5.02E-02	1.83E-02	2.11E-01	3.29E+01	7.46E-01	1.93E-07	8.49E-08	3.33E-03	7.64E-05	5.72E-01	2.39E-01	3.43E+01	1.92E-03	3.43E+01	3.51E+01	8.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-01
NF200A	1.58E-02	1.70E+00	-1.07E-02	1.71E+00	1.55E-06	0.00E+00	7.37E+02	6.78E-05	1.12E-03	1.20E-02	1.98E-03	2.24E+00	1.60E-08	7.15E-08	4.72E+00	1.90E-01	2.61E-03	9.76E-02	2.30E-02	3.38E-01	6.92E+01	1.67E+00	2.91E-07	1.01E-07	4.86E-03	1.23E-04	4.38E-01	4.06E-01	7.11E+01	3.66E-03	7.11E+01	7.24E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-01
NF201A	1.61E-02	1.72E+00	-1.15E-02	1.75E+00	1.56E-06	0.00E+00	8.09E+02	7.28E-05	1.14E-03	1.22E-02	2.08E-03	2.26E+00	1.65E-08	7.13E-08	4.89E+00	2.16E-01	2.75E-03	9.76E-02	2.32E-02	3.39E-01	6.91E+01	1.73E+00	2.99E-07	1.03E-07	4.97E-03	1.30E-04	4.52E-01	4.33E-01	7.11E+01	3.92E-03	7.11E+01	7.25E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-01
NF202A	1.58E-02	1.71E+00	-1.07E-02	1.71E+00	1.55E-06	0.00E+00	7.37E+02	7.05E-05	1.12E-03	1.21E-02	1.99E-03	2.27E+00	1.59E-08	7.35E-08	4.92E+00	2.01E-01	2.62E-03	9.76E-02	2.30E-02	3.38E-01	6.92E+01	1.67E+00	2.92E-07	1.01E-07	4.87E-03	1.23E-04	4.39E-01	4.07E-01	7.11E+01	3.73E-03	7.11E+01	7.25E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-01
NF203A	1.60E-02	1.71E+00	-8.87E-03	1.70E+00	1.54E-06	0.00E+00	7.36E+02	1.30E-04	1.12E-03	1.20E-02	1.96E-03	4.58E+00	1.81E-08	1.14E-07	9.47E+00	3.11E-01	2.58E-03	9.70E-02	2.39E-02	3.38E-01	6.91E+01	1.67E+00	2.91E-07	1.02E-07	4.87E-03	1.23E-04	5.38E-01	4.04E-01	7.11E+01	3.65E-03	7.11E+01	7.25E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+00
NF204A	1.59E-02	1.70E+00	-9.48E-03	1.71E+00	1.54E-06	0.00E+00	7.37E+02	1.00E-04	1.12E-03	1.20E-02	1.99E-03	4.26E+00	1.71E-08	1.14E-07	8.70E+00	2.57E-01	2.62E-03	9.76E-02	2.38E-02	3.38E-01	6.92E+01	1.67E+00	2.91E-07	1.02E-07	4.87E-03	1.23E-04	5.16E-01	4.07E-01	7.11E+01	3.74E-03	7.11E+01	7.24E+01	1.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E+00
NF206A	1.20E-02	1.61E+00	-1.71E-02	1.61E+00	1.51E-06	0.00E+00	1.16E+03	4.89E-05	9.78E-04	1.06E-02	1.75E-03	2.16E+00	1.39E-08	6.01E-08	4.44E+00	1.06E-01	2.31E-03	9.25E-02	1.35E-02	2.39E-01	6.99E+01	1.79E+00	2.49E-07	7.16E-08	4.10E-03	1.05E-04	2.65E-01	3.82E-01	7.16E+01	2.12E-04	7.16E+01	7.25E+01	6.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-01
NF210A	1.28E-02	1.61E+00	-1.71E-02	1.62E+00	1.45E-06	0.00E+00	1.19E+03	5.08E-05	9.91E-04	1.07E-02	1.76E-03	2.35E+00	1.38E-08	6.47E-08	5.04E+00	1.06E-01	2.32E-03	9.33E-02	1.75E-02	2.48E-01	6.98E+01	1.81E+00	2.49E-07	7.64E-08	4.09E-03	1.07E-04	3.01E-01	3.87E-01	7.19E+01	2.13E-04	7.19E+01	7.31E+01	6.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-01
NF216A	1.32E-02	1.69E+00	-1.68E-02	1.69E+00	1.46E-06	0.00E+00	1.20E+03	5.19E-05	1.07E-03	1.14E-02	1.78E-03	2.63E+00	1.43E-08	7.12E-08	5.70E+00	1.14E-01	2.36E-03	9.56E-02	2.03E-02	2.47E-01	7.18E+01	1.86E+00	2.52E-07	8.60E-08	4.26E-03	1.07E-04	3.08E-01	3.92E-01	7.37E+01	2.27E-04	7.37E+01	7.47E+01	7.53E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-01
NF220A	1.37E-02	1.69E+00	-1.54E-02	1.70E+00	1.46E-06	0.00E+00	1.20E+03	5.19E-05	1.09E-03	1.17E-02	1.82E-03	3.18E+00	1.46E-08	8.12E-08	7.91E+00	1.10E-01	2.40E-03	9.54E-02	2.08E-02	2.65E-01	7.18E+01	1.87E+00	2.55E-07	9.07E-08	4.35E-03	1.09E-04	3.30E-01	3.98E-01	7.39E+01	2.42E-04	7.39E+01	7.49E+01	8.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-01
NF225A	1.52E-02	1.69E+00	-1.52E-02	1.70E+00	1.21E-06	0.00E+00	1.20E+03	5.36E-05	1.09E-03	1.17E-02	1.85E-03	3.64E+00	1.51E-08	8.78E-08	7.82E+00	1.11E-01	2.45E-03	9.57E-02	2.14E-02	2.82E-01	7.19E+01	1.90E+00	2.58E-07	9.75E-08	4.55E-03	1.09E-04	3.35E-01	3.97E-01	7.38E+01	2.67E-04	7.38E+01	7.48E+01	8.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-01
NF232A	1.75E-02	1.67E+00	-5.87E-03	1.65E+00	1.59E-06	0.00E+00	6.84E+02	2.67E-04	1.15E-03	1.25E-02	1.96E-03	6.70E+00	3.18E-07	1.76E-07	1.42E+01	6.11E-01	2.59E-03	9.81E-02	2.58E-02	3.37E-01	6.27E+01	1.45E+00	2.93E-07	1.13E-07	4.99E-03	1.28E-04	7.06E-01	4.08E-01	6.46E+01	3.77E-03	6.46E+01	6.58E+01	1.16E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+00
NF240A	1.96E-02	1.73E+00	-8.40E-03	1.74E+00	1.65E-06	0.00E+00	9.37E+02	2.90E-04	1.32E-03	1.39E-02	2.11E-03	8.64E+00	3.18E-07	2.01E-07	1.78E+01	7.53E-01	2.86E-03	9.87E-02	2.70E-02	3.49E-01	6.29E+01	1.83E+00	3.54E-07	1.23E-07	5.27E-03	1.36E-04	7.59E-01	4.47E-01	6.43E+01	3.93E-03	6.43E+01	6.60E+01	1.19E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NF250A	2.29E-02	1.79E+00	6.97E-03	1.77E+00	1.58E-06	0.00E+00	7.25E+02	2.76E-04	1.28E-03	1.42E-02	2.17E-03	1.03E+01	1.46E-08	2.45E-07	2.19E+01	8.29E-01	2.85E-03	9.82E-02	3.38E-02	3.89E-01	6.23E+01	1.53E+00	3.21E-07	1.57E-07	5.77E-03	1.60E-04	9.17E-01	4.51E-01	6.44E+01	4.18E-03	6.44E+01	6.62E+01	1.47E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
NF263A	2.53E-02	1.78E+00	7.25E-03	1.75E+00	1.55E-06	0.00E+00	6.52E+02	2.90E-04	1.29E-03	1.44E-02	2.10E-03	1.18E+01	1.45E-08	2.59E-07	2.43E+01	8.38E-01	2.75E-03	9.83E-02	3.69E-02	3.97E-01	6.23E+01	1.51E+00	3.87E-07	1.66E-07	5.80E-03	1.63E-04	9.86E-01	4.27E-01	6.35E+01	4.16E-03	6.35E+01	6.58E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+00
NF300A	2.52E-02	2.50E+00	-1.29E-02	2.53E+00	2.23E-06	0.00E+00	8.59E+02	8.06E-05	1.50E-03	1.67E-02	3.12E-03	2.37E+00	2.10E-08	8.68E-08	5.13E+00	2.18E-01	4.22E-03	1.46E-01	3.48E-02	5.34E-01	1.04E+02	2.23E+00	3.87E-07	1.54E-07	7.39E-03	1.89E-04	7.16E-01	5.03E-01	1.06E+02	5.81E-03	1.06E+02	1.05E+02	1.74E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
NF301A	2.52E-02	2.50E+00	-1.29E-02	2.53E+00	2.23E-06	0.00E+00	8.59E+02	7.99E-05	1.50E-03	1.67E-02	3.12E-03	2.37E+00	2.09E-08	8.83E-08	5.24E+00	2.13E-01	4.22E-03	1.46E-01	3.48E-02	5.34E-01	1.04E+02	2.23E+00	3.87E-07	1.54E-07	7.39E-03	1.89E-04	7.21E-01	5.03E-01	1.06E+02	5.81E-03	1.06E+02	1.05E+02	1.74E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
NF302A	2.55E-02	2.50E+00	-1.56E-02	2.53E+00	2.29E-06	0.00E+00	9.15E+02	1.50E-04	1.51E-03	1.68E-02	3.15E-03	4.87E+00	2.36E-08	1.58E-07	1.02E+01	3.69E-01	4.27E-03	1.46E-01	3.56E-02	5.34E-01	1.04E+02	2.25E+00	3.92E-07	1.55E-07	7.45E-03	1.89E-04	7.73E-01	5.35E-01	1.06E+02	5.85E-03	1.06E+02	1.05E+02	1.74E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NF303A	2.57E-02	2.50E+00	-1.21E-02	2.53E+00	2.29E-06	0.00E+00	8.63E+02	1.81E-04	1.50E-03	1.67E-02	3.10E-03	7.70E+00	2.31E-08	1.83E-07	1.59E+01	4.73E-01	4.20E-03	1.44E-01	3.52E-02	5.36E-01	1.04E+02	2.18E+00	3.88E-07	1.55E-07	7.39E-03	1.90E-04	8.24E-01	5.03E-01	1.06E+02	5.79E-03	1.06E+02	1.04E+02	1.75E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
NF304A	2.55E-02	2.50E+00	-1.20E-02	2.52E+00	2.30E-06	0.00E+00	8.63E+02	1.63E-04	1.50E-03	1.67E-02	3.12E-03	7.04E+00	2.31E-08	1.81E-07	1.48E+01	3.87E-01	4.22E-03	1.46E-01	3.52E-02	5.36E-01	1.04E+02	2.21E+00	3.88E-07	1.55E-07	7.39E-03	1.90E-04	8.09E-01	5.03E-01	1.06E+02	5.81E-03	1.06E+02	1.05E+02	1.75E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+00
NF306A	1.79E-02	2.46E+00	-2.34E-02	2.49E+00	1.97E-06	0.00E+00	1.35E+03	7.14E-05	1.39E-03	1.52E-02	2.61E-03	3.17E+00	2.02E-08	9.35E-08	6.69E+00	1.52E-01	3.50E-03	1.43E-01	2.61E-02	3.58E-01	1.06E+02	2.58E+00	3.66E-07	1.12E-07	6.09E-03	1.59E-04	4.28E-01	4.81E-01	1.09E+02	3.53E-04	1.09E+02	1.10E+02	1.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+00
NF310A	1.79E-02	2.48E+00	-2.31E-02	2.50E+00	2.20E-06	0.00E+00	1.38E+03	7.02E-05	1.39E-03	1.54E-02	2.64E-03	3.48E+00	2.00E-08	9.82E-08	7.52E+00	1.54E-01	3.53E-03	1.43E-01	2.62E-02	3.69E-01	1.08E+02	2.59E+00	3.70E-07	1.14E-07	6.12E-03	1.62E-04	4.68E-01	4.81E-01	1.10E+02	3.29E-04	1.10E+02	1.12E+02	1.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00
NF316A	2.04E-02	2.49E+00	-2.30E-02	2.52E+00	2.20E-06	0.00E+00	1.41E+03	7.05E-05	1.43E-03	1.57E-02	2.67E-03	4.42E+00	2.03E-08	1.15E-07	8.92E+00	1.52E-01	3.60E-03	1.43E-01	2.74E-02	3.74E-01	1.08E+02	2.61E+00	3.75E-07	1.30E-07	6.38E-03	1.65E-04	4.72E-01	4.94E-01	1.10E+02	3.48E-04	1.10E+02	1.12E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+00
NF320A	2.07E-02	2.50E+00	-2.22E-02	2.52E+00	2.19E-06	0.00E+00	1.32E+03	7.09E-05	1.43E-03	1.57E-02	2.65E-03	4.52E+00	1.92E-08	1.18E-07	9.45E+00	1.57E-01	3.55E-03	1.43E-01	2.81E-02	3.80E-01	1.08E+02	2.59E+00	3.75E-07	1.30E-07	6.34E-03	1.65E-04	4.82E-01	4.79E-01	1.10E+02	3.60E-04	1.10E+02	1.12E+02	1.10E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E+00
NF325A	2.23E-02	2.51E+00	-2.21E-02	2.55E+00	1.85E-06	0.00E+00	1.33E+03	6.97E-05	1.48E-03	1.64E-02	2.89E-03	5.41E+00	2.13E-08	1.32E-07	1.15E+01	1.50E-01	3.91E-03	1.43E-01	3.01E-02	4.33E-01	1.08E+02	2.59E+00	3.80E-07	1.40E-07	6.79E-03	1.77E-04	5.03E-01	4.88E-01	1.11E+02	4.05E-04	1.11E+02	1.12E+02	1.26E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E+00
NF332A	2.86E-02	3.16E+00	-1.09E-02	3.19E+00	2.40E-06	0.00E+00	1.07E+03	4.21E-04	1.94E-03	2.07E-02	3.09E-03	1.03E+01	5.01E-07	2.94E-07	2.20E+01	1.10E+00	4.19E-03	1.46E-01	4.05E-02	5.44E-01	9.26E+01	2.71E+00	4.46E-07	1.84E-07	7.80E-03	2.04E-04	1.14E+00	7.69E-01	9.49E+01	6.00E-03	9.49E+01	9.79E+01	1.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
NF340A	3.16E-02	3.17E+00	-9.31E-03	3.21E+00	2.40E-06	0.00E+00	1.08E+03	4.25E-04	2.06E-03	2.23E-02	3.15E-03	1.08E+01	5.02E-07	3.01E-07	2.32E+01	1.12E+00	4.27E-03	1.47E-01	4.39E-02	5.83E-01	9.29E+01	2.74E+00	5.49E-07	2.02E-07	8.74E-03	2.11E-04	1.18E+00	7.76E-01	9.52E+01	6.71E-03	9.52E+01	9.75E+01	1.97E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E+00
NF350A	3.67E-02	2.57E+00	9.84E-03	2.55E+00	2.41E-06	0.00E+00	8.98E+02	4.57E-04	1.75E-03	1.95E-02	3.30E-03	1.79E+01	2.01E-08	4.10E-07	3.72E+01	1.27E+00	4.47E-03	1.39E-01	4.89E-02	6.01E-01	9.12E+01	2.03E+00	5.46E-07	2.41E-07	8.75E-03	2.47E-04	1.53E+00	5.53E-01	9.30E+01	6.44E-03	9.30E+01	9.59E+01	2.23E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+00
NF363A	3.85E-02	2.57E+00	9.96E-03	2.55E+00	2.41E-06	0.00E+00	7.53E+02	4.55E-04	1.75E-03	1.95E-02	3.31E-03	1.82E+01	2.11E-08	4.14E-07	3.78E+01	1.27E+00	4.48E-03	1.39E-01	5.18E-02	6.39E-01	9.13E+01	2.01E+00	5.69E-07	2.55E-07	8.83E-03	2.50E-04	1.57E+00	5.20E-01	9.32E+01	6.52E-03	9.32E+01	9.61E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+00
NF400A	3.18E-02	2.54E+00	-1.41E-02	2.54E+00	2.65E-06	0.00E+00	9.46E+02	1.66E-04	1.77E-03	1.98E-02	4.15E-03	5.00E+00	2.47E-08	1.53E-07	1.01E+01	4.00E-01	5.62E-03	1.94E-01	4.07E-02	6.04E-01	1.35E+02	2.45E+00	5.18E-07	2.04E-07	9.78E-03	2.44E-04	9.26E-01	6.51E-01	1.39E+02	6.85E-03	1.39E+02	1.40E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
NF401A	3.18E-02	3.18E+00	-2.40E-02	3.23E+00	2.67E-06	0.00E+00	1.48E+03	1.53E-04	2.30E-03	2.47E-02	4.21E-03	5.06E+00	2.86E-08	1.61E-07	1.05E+01	3.76E-01	5.70E-03	1.93E-01	4.07E-02	6.17E-01	1.35E+02	2.97E+00	5.36E-07	2.04E-07	9.97E-03	2.46E-04	9.63E-01	9.07E-01	1.38E+02	7.09E-03	1.38E+02	1.39E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
NF402A	3.18E-02	3.16E+00	-2.39E-02	3.20E+00	2.68E-06	0.00E+00	1.48E+03	1.87E-04	2.30E-03	2.47E-02	4.21E-03	7.52E+00	2.90E-08	1.95E-07	1.61E+01	4.43E-01	5.70E-03	1.94E-01	4.07E-02	6.21E-01	1.36E+02	3.00E+00	5.34E-07	2.05E-07	9.99E-03	2.46E-04	1.03E+00	9.07E-01	1.39E+02	7.11E-03	1.39E+02	1.40E+02	2.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+00
NF403A	3.23E-02	2.53E+00	-1.41E-02	2.54E+00	2.65E-06	0.00E+00	8.91E+02	2.05E-04	1.77E-03	1.99E-02	4.15E-03	9.18E+00	2.46E-08	2.13E-07	1.87E+01	5.51E-01	5.62E-03	1.94E-01	4.09E-02	6.06E-01	1.35E+02	2.43E+00	5.18E-07	2.07E-07	9.76E-03	2.44E-04	9.94E-01	6.51E-01	1.39E+02	6.84E-03	1.39E+02	1.40E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
NF404A	3.21E-02	2.54E+00	-1.41E-02	2.53E+00	2.65E-06	0.00E+00	9.09E+02	2.02E-04	1.77E-03	1.99E-02	4.15E-03	9.15E+00	2.45E-08	2.13E-07	1.86E+01	5.42E-01	5.62E-03	1.94E-01	4.09E-02	6.06E-01	1.35E+02	2.43E+00	5.18E-07	2.05E-07	9.79E-03	2.44E-04	9.95E-01	6.51E-01	1.39E+02	6.85E-03	1.39E+02	1.40E+02	2.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+00
NF406A	2.41E-02	2.51E+00	-2.55E-02	2.53E+00	2.37E-06	0.00E+00	1.42E+03	9.12E-05	1.62E-03	1.80E-02	3.74E-03	4.24E+00	2.30E-08	1.23E-07	9.33E+00	1.97E-01	5.07E-03	1.83E-01	3.61E-02	4.85E-01	1.37E+02	2.69E+00	5.00E-07	1.56E-07	7.96E-03	2.11E-04	5.97E-01	6.20E-01	1.41E+02	4.49E-04	1.41E+02	1.42E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NF410A	2.43E-02	2.53E+00	-2.55E-02	2.54E+00	2.34E-06	0.00E+00	1.46E+03	9.66E-05	1.61E-03	1.80E-02	3.71E-03	6.31E+00	2.31E-08	1.51E-07	1.31E+01	2.05E-01	5.03E-03	1.85E-01	3.57E-02	4.95E-01	1.37E+02	2.70E+00	5.06E-07	1.59E-07	7.74E-03	2.11E-04	6.19E-01	6.22E-01	1.41E+02	4.62E-04	1.41E+02	1.42E+02	1.43E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NF416A	2.46E-02	2.53E+00	-2.49E-02	2.54E+00	2.32E-06	0.00E+00	1.38E+03	9.67E-05	1.62E-03	1.81E-02	3.73E-03	6.47E+00	2.31E-08	1.54E-07	1.37E+01	2.05E-01	5.06E-03	1.85E-01	3.76E-02	4.94E-01	1.37E+02	2.68E+00	5.11E-07	1.60E-07	7.92E-03	2.12E-04	6.28E-01	6.20E-01	1.41E+02	4.90E-04	1.41E+02	1.42E+02	1.45E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+00
NF420A	2.49E-02	2.53E+00	-2.75E-02	2.54E+00	2.32E-06	0.00E+00	1.46E+03	1.00E-04	1.69E-03	1.87E-02	3.80E-03	6.71E+00	2.38E-08	1.63E-07	1.41E+01	2.29E-01	5.15E-03	1.85E-01	3.86E-02	5.08E-01	1.37E+02	2.69E+00	5.16E-07	1.65E-07	8.51E-03	2.15E-04	6.58E-01	6.37E-01	1.41E+02	4.90E-04	1.41E+02	1.42E+02	1.47E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E+00
NF425A	2.91E-02	2.57E+00	-2.72E-02	2.57E+00	2.25E-06	0.00E+00	2.01E+03	2.79E-04	1.74E-03	1.94E-02	3.94E-03	8.65E+00	2.45E-08	2.17E-07	1.93E+01	7.72E-01	5.33E-03	1.84E-01	4.15E-02	5.19E-01	1.37E+02	2.71E+00	5.27E-07	1.80E-07	8.90E-03	2.32E-04	7.86E-01	6.40E-01	1.41E+02	1.98E-03	1.41E+02	1.42E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
NF432A	3.57E-02	2.53E+00	-8.42E-03	2.51E+00	2.72E-06	0.00E+00	1.10E+03	5.77E-04	2.05E-03	2.25E-02	4.16E-03	1.25E+01	5.91E-07	3.55E-07	2.73E+01	1.47E+00	5.63E-03	1.97E-01	5.08E-02	6.51E-01	1.24E+02	2.39E+00	5.93E-07	2.29E-07	9.75E-03	2.57E-04	1.34E+00	8.14E-01	1.27E+02	7.12E-03	1.27E+02	1.30E+02	2.23E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+00
NF440A	3.83E-02	3.43E+00	-9.02E-03	3.39E+00	2.72E-06	0.00E+00	1.12E+03	5.78E-04	2.35E-03	2.55E-02	4.23E-03	1.30E+01	6.15E-07	3.78E-07	2.78E+01	1.49E+00	5.74E-03	1.97E-01	5.38E-02	6.92E-01	1.26E+02	2.97E+00	7.14E-07	2.45E-07	1.04E-02	2.63E-04	1.41E+00	8.93E-01	1.28E+02	7.24E-03	1.28E+02	1.32E+02	2.34E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NF450A	4.86E-02	2.59E+00	1.21E-02	2.56E+00	2.63E-06	0.00E+00	8.10E+02	6.08E-04	1.95E-03	2.23E-02	4.32E-03	2.30E+01	2.42E-08	5.32E-07	4.72E+01	1.67E+00	5.86E-03	1.88E-01	6.58E-02	7.79E-01	1.22E+02	2.23E+00	7.16E-07	3.12E-07	1.05E-02	3.24E-04	1.94E+00	6.79E-01	1.26E+02	7.44E-03	1.26E+02	1.30E+02	2.85E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+00
NF463A	5.07E-02	3.60E+00	1.18E-02	3.55E+00	2.68E-06	0.00E+00	1.09E+03	6.08E-04	2.60E-03	2.85E-02	4.36E-03	2.35E+01	3.00E-08	5.44E-07	4.78E+01	1.67E+00	5.91E-03	1.89E-01	6.88E-02	8.57E-01	1.24E+02	2.96E+00	7.95E-07	3.35E-07	1.19E-02	3.24E-04	2.00E+00	8.47E-01	1.26E+02	7.81E-03	1.26E+02	1.31E+02	2.91E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NFN113	8.54E-03	8.84E-01	-8.10E-03	8.91E-01	9.26E-07	0.00E+00	6.88E+02	5.98E-05	6.42E-04	7.05E-03	9.71E-04	2.76E+00	1.66E-08	6.34E-08	5.37E+00	1.54E-01	1.32E-03	5.85E-02	1.25E-02	1.59E-01	3.40E+01	1.07E+00	1.25E-07	5.38E-08	2.63E-03	6.04E-05	3.73E-01	2.26E-01	3.50E+01	2.20E-04	3.50E+01	3.52E+01	6.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-01
NFN132	9.02E-03	8.75E-01	-2.12E-03	8.77E-01	9.51E-07	0.00E+00	4.52E+02	1.01E-04	6.06E-04	6.43E-03	1.09E-03	3.94E+00	1.24E-08	1.04E-07	8.35E+00	2.84E-01	1.47E-03	4.47E-02	1.43E-02	1.54E-01	3.24E+01	1.05E+00	9.90E-08	5.89E-08	2.55E-03	6.03E-05	3.99E-01	2.38E-01	3.34E+01	4.73E-04	3.34E+01	3.40E+01	6.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-01
NFN140	1.18E-02	8.74E-01	2.67E-03	8.71E-01	9.80E-07	0.00E+00	4.55E+02	1.56E-04	6.80E-04	7.36E-03	1.10E-03	5.94E+00	1.32E-08	1.43E-07	1.27E+01	4.51E-01	1.49E-03	4.29E-02	1.74E-02	1.67E-01	2.79E+01	1.05E+00	1.10E-07	7.61E-08	2.91E-03	6.69E-05	5.21E-01	2.40E-01	2.89E+01	5.67E-04	2.89E+01	2.97E+01	7.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-01
NFN150	1.08E-02	8.99E-01	-8.39E-04	8.91E-01	9.57E-07	0.00E+00	4.49E+02	1.35E-04	6.53E-04	7.25E-03	1.08E-03	4.97E+00	2.03E-08	1.10E-07	9.99E+00	3.93E-01	1.47E-03	4.49E-02	1.57E-02	1.79E-01	3.24E+01	1.05E+00	1.27E-07	7.04E-08	2.75E-03	7.08E-05	5.11E-01	2.36E-01	3.33E+01	1.32E-03	3.33E+01	3.42E+01	7.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-01
NFN163	1.22E-02	8.85E-01	2.86E-03	8.82E-01	9.80E-07	0.00E+00	4.55E+02	1.55E-04	6.87E-04	7.45E-03	1.12E-03	6.13E+00	1.40E-08	1.46E-07	1.30E+01	4.49E-01	1.51E-03	4.29E-02	1.79E-02	1.79E-01	2.81E+01	1.05E+00	1.12E-07	7.90E-08	2.96E-03	6.74E-05	5.39E-01	2.41E-01	2.91E+01	5.69E-04	2.91E+01	2.99E+01	7.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-01
NFN206	1.24E-02	1.75E+00	-1.46E-02	1.77E+00	1.51E-06	0.00E+00	8.63E+02	7.62E-05	1.19E-03	1.25E-02	2.02E-03	3.22E+00	2.30E-08	1.15E-07	6.39E+00	1.89E-01	2.73E-03	8.51E-02	1.99E-02	3.33E-01	6.97E+01	2.06E+00	1.71E-07	8.39E-08	4.67E-03	1.36E-04	6.14E-01	4.62E-01	7.17E+01	8.82E-04	7.17E+01	7.28E+01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-01
NFN210	1.22E-02	1.67E+00	-1.52E-02	1.68E+00	1.51E-06	0.00E+00	1.20E+03	7.72E-05	1.11E-03	1.20E-02	1.93E-03	3.52E+00	2.46E-08	8.46E-08	7.02E+00	1.89E-01	2.61E-03	8.43E-02	1.85E-02	3.21E-01	6.74E+01	1.95E+00	1.72E-07	8.17E-08	4.41E-03	1.36E-04	5.29E-01	4.53E-01	6.94E+01	8.86E-04	6.94E+01	7.04E+01	9.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-01

NFN220	1.44E-02	1.73E+00	-1.15E-02	1.74E+00	1.54E-06	0.00E+00	1.20E+03	1.29E-04	1.18E-03	1.29E-02	2.03E-03	5.14E+00	2.56E-08	1.18E-07	1.06E+01	3.46E-01	2.74E-03	8.63E-02	2.22E-02	3.31E-01	6.75E+01	1.96E+00	1.84E-07	9.50E-08	4.78E-03	1.38E-04	6.28E-01	4.63E-01	6.95E+01	9.06E-04	6.95E+01	7.06E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-01
NFN225	1.42E-02	1.70E+00	-1.15E-02	1.71E+00	1.54E-06	0.00E+00	1.20E+03	1.29E-04	1.10E-03	1.20E-02	2.03E-03	5.14E+00	2.56E-08	1.18E-07	1.06E+01	3.46E-01	2.74E-03	8.63E-02	2.22E-02	3.29E-01	6.72E+01	1.96E+00	1.84E-07	9.36E-08	4.56E-03	1.37E-04	6.28E-01	4.63E-01	6.91E+01	9.06E-04	6.91E+01	7.02E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-01
NFN232	1.83E-02	1.78E+00	-3.93E-03	1.79E+00	1.58E-06	0.00E+00	8.68E+02	2.01E-04	1.29E-03	1.38E-02	2.17E-03	7.88E+00	2.46E-08	2.07E-07	1.67E+01	5.67E-01	2.94E-03	8.93E-02	2.86E-02	3.39E-01	6.51E+01	2.07E+00	2.01E-07	1.20E-07	5.36E-03	1.45E-04	7.94E-01	4.77E-01	6.71E+01	9.89E-04	6.71E+01	6.84E+01	1.27E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
NFN240	2.35E-02	1.71E+00	5.65E-03	1.71E+00	1.64E-06	0.00E+00	8.73E+02	3.11E-04	1.29E-03	1.39E-02	2.20E-03	1.19E+01	2.62E-08	2.84E-07	2.53E+01	9.00E-01	2.98E-03	8.59E-02	3.48E-02	3.60E-01	5.53E+01	2.07E+00	2.23E-07	1.51E-07	5.64E-03	1.57E-04	1.02E+00	4.80E-01	5.73E+01	1.18E-03	5.73E+01	5.88E+01	1.50E+00	0.00E+00	0.00E+00	0.00E+00	1.50E+00
NFN250	2.41E-02	1.75E+00	6.03E-03	1.74E+00	1.64E-06	0.00E+00	8.73E+02	3.11E-04	1.36E-03	1.47E-02	2.22E-03	1.22E+01	2.63E-08	2.90E-07	2.59E+01	9.00E-01	3.00E-03	8.58E-02	3.53E-02	3.52E-01	5.57E+01	2.07E+00	2.25E-07	1.53E-07	5.88E-03	1.58E-04	1.04E+00	4.82E-01	5.78E+01	1.18E-03	5.78E+01	5.93E+01	1.52E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
NFN263	2.46E-02	1.77E+00	6.03E-03	1.77E+00	1.64E-06	0.00E+00	8.73E+02	3.10E-04	1.38E-03	1.49E-02	2.23E-03	1.23E+01	2.77E-08	2.92E-07	2.61E+01	8.97E-01	3.02E-03	8.57E-02	3.59E-02	3.89E-01	5.62E+01	2.07E+00	2.26E-07	1.59E-07	5.96E-03	1.59E-04	1.07E+00	4.83E-01	5.83E+01	1.18E-03	5.83E+01	5.98E+01	1.56E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
NFN302	2.44E-02	2.40E+00	-2.48E-02	2.39E+00	2.30E-06	0.00E+00	1.56E+03	1.40E-04	1.57E-03	1.76E-02	2.99E-03	6.67E+00	3.31E-08	1.48E-07	1.36E+01	3.43E-01	4.06E-03	1.15E-01	3.23E-02	5.81E-01	9.67E+01	2.33E+00	2.88E-07	1.58E-07	7.85E-03	1.87E-04	9.19E-01	6.05E-01	9.94E+01	6.97E-04	9.94E+01	1.01E+02	1.99E+00	0.00E+00	0.00E+00	0.00E+00	1.41E+00
NFN310	1.83E-02	2.50E+00	-2.28E-02	2.53E+00	2.34E-06	0.00E+00	1.81E+03	1.16E-04	1.67E-03	1.80E-02	2.90E-03	5.28E+00	3.70E-08	1.27E-07	1.05E+01	2.84E-01	3.92E-03	1.27E-01	2.78E-02	4.83E-01	1.01E+02	2.94E+00	2.59E-07	1.23E-07	6.63E-03	2.05E-04	8.00E-01	6.80E-01	1.04E+02	1.35E-03	1.04E+02	1.06E+02	1.48E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+00
NFN320	2.17E-02	2.60E+00	-1.72E-02	2.61E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.77E-03	1.93E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	4.98E-01	1.01E+02	2.95E+00	2.76E-07	1.43E-07	7.18E-03	2.07E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NFN325	2.14E-02	2.55E+00	-1.72E-02	2.57E+00	2.38E-06	0.00E+00	1.81E+03	1.94E-04	1.66E-03	1.80E-02	3.05E-03	7.71E+00	3.85E-08	1.77E-07	1.60E+01	5.20E-01	4.13E-03	1.29E-01	3.33E-02	4.96E-01	1.01E+02	2.95E+00	2.76E-07	1.41E-07	6.86E-03	2.06E-04	9.48E-01	6.95E-01	1.04E+02	1.38E-03	1.04E+02	1.06E+02	1.64E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+00
NFN350	3.61E-02	2.63E+00	9.07E-03	2.62E+00	2.53E-06	0.00E+00	1.32E+03	4.67E-04	2.04E-03	2.21E-02	3.34E-03	1.83E+01	3.96E-08	4.35E-07	3.89E+01	1.35E+00	4.52E-03	1.29E-01	5.30E-02	5.30E-01	8.37E+01	3.12E+00	3.38E-07	2.29E-07	8.83E-03	2.38E-04	1.56E+00	7.23E-01	8.68E+01	1.79E-03	8.68E+01	8.91E+01	2.28E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+00
NFN363	3.69E-02	2.66E+00	9.08E-03	2.66E+00	2.53E-06	0.00E+00	1.32E+03	4.65E-04	2.07E-03	2.24E-02	3.36E-03	1.84E+01	4.16E-08	4.38E-07	3.91E+01	1.35E+00	4.55E-03	1.29E-01	5.38E-02	5.85E-01	8.44E+01	3.12E+00	3.39E-07	2.38E-07	8.95E-03	2.39E-04	1.62E+00	7.25E-01	8.75E+01	1.79E-03	8.75E+01	8.99E+01	2.34E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+00
NFN410	2.44E-02	3.33E+00	-3.04E-02	3.36E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.22E-03	2.40E-02	3.85E-03	7.04E+00	4.92E-08	1.69E-07	1.40E+01	3.77E-01	5.22E-03	1.69E-01	3.70E-02	6.41E-01	1.35E+02	3.90E+00	3.45E-07	1.63E-07	8.83E-03	2.72E-04	1.04E+00	9.05E-01	1.39E+02	1.81E-03	1.39E+02	1.41E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+00
NFN416	2.56E-02	3.36E+00	-2.96E-02	3.39E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.25E-03	2.43E-02	3.91E-03	7.85E+00	4.94E-08	1.84E-07	1.58E+01	3.76E-01	5.30E-03	1.69E-01	3.83E-02	6.32E-01	1.35E+02	3.91E+00	3.51E-07	1.70E-07	9.01E-03	2.67E-04	1.09E+00	9.11E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	2.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NFN420	2.89E-02	3.45E+00	-2.29E-02	3.48E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.36E-03	2.57E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.49E-03	1.73E-01	4.44E-02	6.60E-01	1.35E+02	3.91E+00	3.68E-07	1.90E-07	9.57E-03	2.75E-04	1.24E+00	9.25E-01	1.39E+02	1.85E-03	1.39E+02	1.41E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NFN425	2.85E-02	3.40E+00	-2.29E-02	3.42E+00	2.49E-06	0.00E+00	2.40E+03	2.59E-04	2.20E-03	2.40E-02	4.06E-03	1.03E+01	5.12E-08	2.36E-07	2.13E+01	6.91E-01	5.50E-03	1.73E-01	4.43E-02	6.57E-01	1.34E+02	3.91E+00	3.68E-07	1.87E-07	9.13E-03	2.74E-04	1.24E+00	9.25E-01	1.38E+02	1.85E-03	1.38E+02	1.40E+02	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NFN432	3.67E-02	3.57E+00	-7.85E-03	3.57E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.59E-03	2.76E-02	4.35E-03	1.58E+01	4.91E-08	4.14E-07	3.34E+01	1.13E+00	5.89E-03	1.79E-01	5.72E-02	6.77E-01	1.30E+02	4.14E+00	4.02E-07	2.40E-07	1.07E-02	2.91E-04	1.57E+00	9.54E-01	1.34E+02	2.02E-03	1.34E+02	1.37E+02	2.53E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NFN450	4.82E-02	3.50E+00	1.21E-02	3.49E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.72E-03	2.95E-02	4.44E-03	2.43E+01	5.27E-08	5.79E-07	5.18E+01	1.80E+00	6.01E-03	1.72E-01	7.06E-02	7.03E-01	1.11E+02	4.14E+00	4.51E-07	3.05E-07	1.18E-02	3.16E-04	2.06E+00	9.63E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	3.02E+00	0.00E+00	0.00E+00	0.00E+00	3.03E+00
NFN463	4.91E-02	3.55E+00	1.21E-02	3.53E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.75E-03	2.99E-02	4.47E-03	2.45E+01	5.54E-08	5.84E-07	5.21E+01	1.79E+00	6.05E-03	1.72E-01	7.18E-02	7.76E-01	1.12E+02	4.14E+00	4.52E-07	3.17E-07	1.19E-02	3.18E-04	2.13E+00	9.66E-01	1.16E+02	2.40E-03	1.16E+02	1.20E+02	3.10E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
NFN716	1.27E-02	1.66E+00	-1.48E-02	1.68E+00	1.51E-06	0.00E+00	1.20E+03	7.73E-05	1.09E-03	1.17E-02	1.95E-03	3.92E+00	2.47E-08	9.18E-08	7.93E+00	1.89E-01	2.65E-03	8.44E-02	1.92E-02	3.16E-01	6.76E+01	1.95E+00	1.75E-07	8.45E-08	4.39E-03	1.33E-04	5.51E-01	4.56E-01	6.95E+01	8.90E-04	6.95E+01	7.05E+01	1.01E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-01
NFT306	2.30E-02	2.45E+00	-2.56E-02	2.48E+00	2.10E-06	0.00E+00	1.22E+03	1.46E-04	1.57E-03	1.77E-02	2.78E-03	5.30E+00	3.39E-08	1.69E-07	1.07E+01	3.66E-01	3.78E-03	1.11E-01	2.68E-02	4.46E-01	9.19E+01	2.38E+00	2.79E-07	1.50E-07	7.45E-03	1.67E-04	9.82E-01	6.87E-01	9.59E+01	8.00E-03	9.59E+01	9.80E+01	1.82E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NFT310	2.30E-02	2.50E+00	-2.67E-02	2.51E+00	2.31E-06	0.00E+00	1.32E+03	1.73E-04	1.80E-03	1.96E-02	2.81E-03	7.59E+00	3.37E-08	2.06E-07	1.53E+01	4.44E-01	3.83E-03	1.11E-01	2.72E-02	4.49E-01	9.20E+01	2.58E+00	2.81E-07	1.51E-07	7.46E-03	1.67E-04	1.15E+00	8.43E-01	9.58E+01	8.12E-03	9.58E+01	9.80E+01	1.86E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
NFT316	2.49E-02	2.64E+00	-3.90E-02	2.68E+00	2.35E-06	0.00E+00	1.27E+03	1.81E-04	1.91E-03	2.08E-02	2.92E-03	7.90E+00	3.64E-08	2.20E-07	1.66E+01	4.86E-01	3.95E-03	1.09E-01	-3.63E+00	5.50E-01	8.75E+01	2.91E+00	2.79E-07	1.55E-07	7.70E-03	2.10E-04	1.24E+00	9.65E-01	9.04E+01	8.42E-03	9.04E+01	9.26E+01	2.21E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
NFT320	2.68E-02	2.67E+00	-3.74E-02	2.71E+00	2.35E-06	0.00E+00	1.27E+03	1.81E-04	1.96E-03	2.13E-02	3.01E-03	9.08E+00	3.75E-08	2.42E-07	1.92E+01	4.86E-01	4.07E-03	1.09E-01	-5.44E+00	5.69E-01	8.80E+01	2.92E+00	2.85E-07	1.67E-07	7.97E-03	2.14E-04	1.28E+00	9.73E-01	9.09E+01	8.43E-03	9.09E+01	9.31E+01	2.25E+00	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
NFT325	2.56E-02	2.45E+00	-1.86E-02	2.48E+00	2.07E-06	0.00E+00	1.10E+03	2.26E-04	1.63E-03	1.83E-02	2.94E-03	8.91E+00	3.66E-08	2.66E-07	1.84E+01	5.35E-01	3.98E-03	1.11E-01	3.47E-02	5.47E-01	8.97E+01	2.35E+00	2.96E-07	1.71E-07	7.85E-03	1.97E-04	1.22E+00	6.82E-01	9.25E+01	7.99E-03	9.25E+01	9.38E+01	2.10E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+00
NFT332	2.81E-02	2.46E+00	-1.85E-02	2.48E+00	2.18E-06	0.00E+00	1.10E+03	3.73E-04	1.65E-03	1.85E-02	2.99E-03	1.04E+01	3.75E-08	3.21E-07	2.19E+01	9.72E-01	4.05E-03	1.14E-01	3.90E-02	5.69E-01	9.09E+01	2.36E+00	3.07E-07	1.80E-07	8.07E-03	2.09E-04	1.29E+00	6.85E-01	9.42E+01	7.94E-03	9.42E+01	9.63E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
NFT340	3.03E-02	2.46E+00	-1.81E-02	2.48E+00	2.20E-06	0.00E+00	1.01E+03	3.76E-04	1.65E-03	1.85E-02	2.99E-03	1.12E+01	4.01E-08	3.23E-07	2.39E+01	9.89E-01	4.05E-03	1.14E-01	4.13E-02	5.72E-01	9.01E+01	2.33E+00	4.00E-07	1.90E-07	8.17E-03	2.12E-04	1.28E+00	6.74E-01	9.34E+01	7.93E-03	9.34E+01	9.65E+01	2.17E+00	0.00E+00	0.00E+00	0.00E+00	1.79E+00
NFT702	8.59E-03	1.23E+00	-9.32E-03	1.24E+00	9.21E-07	0.00E+00	5.23E+02	4.51E-05	8.36E-04	9.16E-03	1.04E-03	2.10E+00	1.51E-08	7.12E-08	3.88E+00	1.14E-01	1.41E-03	5.78E-02	1.30E-02	2.46E-01	4.10E+01	1.14E+00	8.63E-08	5.76E-08	3.30E-03	6.67E-05	5.62E-01	2.58E-01	4.22E+01	3.20E-03	4.22E+01	4.30E+01	8.20E-01	0.00E+00	0.00E+00	0.00E+00	5.56E-01
NFT703	8.87E-03	1.06E+00	-8.30E-03	1.09E+00	8.81E-07	0.00E+00	4.92E+02	4.16E-05	7.20E-04	7.97E-03	1.05E-03	2.02E+00	2.00E-08	7.50E-08	4.26E+00	1.01E-01	1.42E-03	5.67E-02	1.13E-02	2.26E-01	3.84E+01	1.07E+00	9.36E-08	5.70E-08	2.96E-03	7.21E-05	5.22E-01	2.53E-01	3.96E+01	3.11E-03	3.96E+01	4.04E+01	7.42E-01	0.00E+00	0.00E+00	0.00E+00	4.83E-01
NFT704	8.96E-03	1.23E+00	-8.96E-03	1.24E+00	9.22E-07	0.00E+00	5.23E+02	4.76E-05	8.40E-04	9.22E-03	1.05E-03	2.32E+00	1.56E-08	7.57E-08	4.36E+00	1.22E-01	1.42E-03	5.82E-02	1.35E-02	2.50E-01	4.11E+01	1.14E+00	8.85E-08	5.99E-08	3.33E-03	6.69E-05	5.66E-01	2.59E-01	4.22E+01	3.21E-03	4.22E+01	4.30E+01	8.25E-01	0.00E+00	0.00E+00	0.00E+00	5.82E-01
NFT706	7.00E-03	1.14E+00	-1.05E-02	1.15E+00	9.15E-07	0.00E+00	4.63E+02	3.42E-05	7.62E-04	8.30E-03	9.83E-04	1.71E+00	1.14E-08	5.73E-08	3.08E+00	8.30E-02	1.33E-03	5.62E-02	-7.10E-01	1.80E-01	3.96E+01	1.03E+00	8.20E-08	4.72E-08	2.98E-03	5.71E-05	4.81E-01	2.53E-01	4.06E+01	3.20E-03	4.06E+01	4.14E+01	7.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
NFT710	8.01E-03	1.14E+00	-1.03E-02	1.15E+00	9.15E-07	0.00E+00	4.63E+02	3.42E-05	7.68E-04	8.37E-03	9.94E-04	1.85E+00	1.15E-08	6.08E-08	3.40E+00	8.30E-02	1.35E-03	5.62E-02	-8.97E-01	1.84E-01	3.99E+01	1.03E+00	8.31E-08	4.93E-08	3.01E-03	5.78E-05	5.04E-01	2.54E-01	4.09E+01	3.20E-03	4.09E+01	4.16E+01	7.58E-01	0.00E+00	0.00E+00	0.00E+00	-3.85E+01
NFT716	8.28E-03	1.15E+00	-1.01E-02	1.16E+00	9.15E-07	0.00E+00	4.64E+02	3.42E-05	7.76E-04	8.46E-03	1.01E-03	2.06E+00	1.15E-08	6.45E-08	3.86E+00	8.28E-02	1.37E-03	5.62E-02	-1.21E+00	1.82E-01	4.00E+01	1.03E+00	8.43E-08	5.10E-08	3.05E-03	5.67E-05	5.16E-01	2.55E-01	4.10E+01	3.20E-03	4.10E+01	4.18E+01	7.72E-01	0.00E+00	0.00E+00	0.00E+00	-5.20E+01
NFT720	1.22E-02	1.12E+00	-5.80E-04	1.12E+00	9.93E-07	0.00E+00	4.68E+02	1.71E-04	8.37E-04	9.34E-03	1.05E-03	5.50E+00	4.77E-08	1.35E-07	1.15E+01	4.86E-01	1.42E-03	5.81E-02	-1.81E+00	1.95E-01	3.24E+01	1.03E+00	1.03E-07	7.93E-08	3.49E-03	6.47E-05	7.30E-01	2.60E-01	3.34E+01	3.25E-03	3.34E+01	3.44E+01	9.90E-01	0.00E+00	0.00E+00	0.00E+00	-7.76E+01
NFT725	1.31E-02	1.13E+00	-5.83E-04	1.13E+00	9.93E-07	0.00E+00	4.68E+02	1.72E-04	8.44E-04	9.42E-03	1.05E-03	5.49E+00	4.56E-08	1.40E-07	1.15E+01	4.86E-01	1.42E-03	5.81E-02	-1.81E+00	1.92E-01	3.27E+01	1.03E+00	1.05E-07	8.01E-08	3.51E-03	6.44E-05	7.34E-01	2.60E-01	3.37E+01	3.25E-03	3.37E+01	3.47E+01	9.94E-01	0.00E+00	0.00E+00	0.00E+00	-7.76E+01
NFT732	1.34E-02	1.13E+00	-2.83E-04	1.13E+00	9.93E-07	0.00E+00	4.68E+02	1.72E-04	8.49E-04	9.48E-03	1.07E-03	5.71E+00	4.54E-08	1.44E-07	1.20E+01	4.86E-01	1.44E-03	5.81E-02	-2.15E+00	1.88E-01	3.28E+01	1.03E+00	1.06E-07	8.13E-08	3.54E-03	6.52E-05	7.41E-01	2.61E-01	3.38E+01	3.26E-03	3.38E+01	3.48E+01	1.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.24E+01
NFT740	1.26E-02	1.13E+00	-2.88E-04	1.13E+00	9.93E-07	0.00E+00	4.68E+02	1.71E-04	8.47E-04	9.45E-03	1.07E-03	5.73E+00	4.80E-08	1.39E-07	1.20E+01	4.86E-01	1.45E-03	5.81E-02	-2.15E+00	2.01E-01	3.25E+01	1.03E+00	1.04E-07	8.17E-08	3.54E-03	6.55E-05	7.39E-01	2.61E-01	3.36E+01	3.26E-03	3.36E+01	3.46E+01	1.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.24E+01
NFT806	2.34E-02	2.46E+00	-2.70E-02	2.45E+00	2.14E-06	0.00E+00	1.18E+03	1.47E-04	1.65E-03	1.84E-02	2.94E-03	5.14E+00	4.12E-08	1.76E-07	1.07E+01	4.12E-01	3.98E-03	1.28E-01	3.11E-02	5.63E-01	9.66E+01	2.35E+00	2.76E-07	1.54E-07	7.91E-03	1.97E-04	1.14E+00	6.93E-01	9.97E+01	8.54E-03	9.97E+01	1.01E+02	2.19E+00	0.00E+00	0.00E+00	0.00E+00	1.33E+00
NFT810	2.42E-02	2.90E+00	-4.27E-02	2.94E+00	2.33E-06	0.00E+00	1.31E+03	1.55E-04	2.05E-03	2.22E-02	2.96E-03	6.71E+00	3.64E-08	2.00E-07	1.39E+01	4.07E-01	4.01E-03	1.29E-01	-2.69E+00	5.76E-01	9.82E+01	2.98E+00	2.69E-07	1.50E-07	8.13E-03	2.13E-04	1.30E+00	9.74E-01	1.01E+02	8.84E-03	1.01E+02	1.03E+02	2.28E+00	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
NFT816	2.50E-02	2.91E+00	-4.21E-02	2.96E+00	2.33E-06	0.00E+00	1.31E+03	1.55E-04	2.07E-03	2.25E-02	3.01E-03	7.33E+00	3.65E-08	2.11E-07	1.53E+01	4.07E-01	4.07E-03	1.29E-01	-3.63E+00	5.68E-01	9.86E+01	2.99E+00	2.72E-07	1.55E-07	8.25E-03	2.10E-04	1.33E+00	9.78E-01	1.02E+02	8.84E-03	1.02E+02	1.04E+02	2.31E+00	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
NFT820	3.11E-02	2.92E+00	-3.16E-02	2.95E+00	2.41E-06	0.00E+00	1.32E+03	2.92E-04	2.17E-03	2.38E-02	3.11E-03	1.15E+01	7.11E-08	3.01E-07	2.46E+01	8.10E-01	4.20E-03	1.31E-01	-5.43E+00	5.85E-01	9.16E+01	2.99E+00	2.96E-07	1.91E-07	8.87E-03	2.21E-04	1.58E+00	9.88E-01	9.46E+01	8.90E-03	9.46E+01	9.71E+01	2.56E+00	0.00E+00	0.00E+00	0.00E+00	-2.33E+02
NFT825	3.11E-02	2.92E+00	-3.16E-02	2.95E+00	2.41E-06	0.00E+00	1.32E+03	2.92E-04	2.17E-03	2.38E-02	3.11E-03	1.15E+01	7.13E-08	3.01E-07	2.46E+01	8.10E-01	4.21E-03	1.31E-01	-5.43E+00	5.90E-01	9.16E+01	2.99E+00	2.97E-07	1.92E-07	8.88E-03	2.21E-04	1.58E+00	9.88E-01	9.46E+01	8.90E-03	9.46E+01	9.72E+01	2.57E+00	0.00E+00	0.00E+00	0.00E+00	-2.33E+02
NFT832	3.11E-02	2.95E+00	-2.66E-02	2.98E+00	2.49E-06	0.00E+00	1.27E+03	3.71E-04	2.22E-03	2.44E-02	3.16E-03	1.32E+01	1.44E-07	3.30E-07	2.82E+01	1.03E+00	4.27E-03	1.31E-01	4.25E-02	6.45E-01	8.87E+01	2.95E+00	3.09E-07	2.04E-07	9.18E-03	2.32E-04	1.68E+00	9.93E-01	9.17E+01	8.93E-03	9.17E+01	9.44E+01	2.68E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+00
NFT840	3.43E-02	2.91E+00	-2.57E-02	2.94E+00	2.47E-06	0.00E+00	1.32E+03	3.82E-04	2.23E-03	2.46E-02	3.18E-03	1.40E+01	1.38E-07	3.59E-07	2.98E+01	1.06E+00	4.30E-03	1.26E-01	-6.62E+00	6.11E-01	8.52E+01	3.00E+00	3.15E-07	2.11E-07	9.24E-03	2.32E-04	1.72E+00	9.95E-01	8.82E+01	8.99E-03	8.82E+01	9.09E+01	2.71E+00	0.00E+00	0.00E+00	0.00E+00	-2.84E+02
NGN150	1.09E-02	8.88E-01	-8.29E-04	8.87E-01	9.54E-07	0.00E+00	4.43E+02	1.34E-04	6.54E-04	7.24E-03	1.05E-03	4.88E+00	2.56E-08	1.09E-07	9.90E+00	3.91E-01	1.43E-03	4.49E-02	1.56E-02	1.80E-01	3.25E+01	1.05E+00	1.27E-07	7.05E-08	2.73E-03	7.07E-05	5.12E-01	2.36E-01	3.34E+01	1.32E-03	3.34E+01	3.44E+01	7.60E-01	0.00E+00	0.00E+00	0.00E+00	6.59E-01
NGN163	1.23E-02	9.00E-01	-1.08E-04	8.95E-01	9.57E-07	0.00E+00	4.43E+02	1.46E-04	6.55E-04	7.30E-03	1.07E-03	5.56E+00	2.27E-08	1.31E-07	1.19E+01	4.10E-01	1.45E-03	5.14E-02	1.78E-02	1.80E-01	3.26E+01	1.05E+00	1.27E-07	8.10E-08	2.76E-03	7.07E-05	5.95E-01	2.36E-01	3.34E+01	1.32E-03	3.34E+01	3.45E+01	8.00E-01	0.00E+00	0.00E+00	0.00E+00	7.64E-01
NGT306	2.30E-02	2.46E+00	-2.57E-02	2.48E+00	2.10E-06	0.00E+00	1.22E+03	1.46E-04	1.60E-03	1.79E-02	2.81E-03	5.30E+00	3.39E-08	1.69E-07	1.07E+01	3.66E-01	3.83E-03	1.10E-01	2.68E-02	4.46E-01	9.19E+01	2.38E+00	2.79E-07	1.50E-07	7.44E-03	1.67E-04	9.86E-01	6.88E-01	9.59E+01	8.00E-03	9.59E+01	9.80E+01	1.85E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+00
NGT310	2.21E-02	2.48E+00	-2.54E-02	2.48E+00	2.29E-06	0.00E+00	1.26E+03	1.73E-04	1.57E-03	1.76E-02	2.77E-03	7.62E+00	3.38E-08	2.05E-07	1.53E+01	4.45E-01	3.77E-03	1.11E-01	2.71E-02	3.95E-01	9.18E+01	2.39E+00	2.81E-07	1.46E-07	7.17E-03	1.65E-04	1.09E+00	6.85E-01	9.53E+01	7.99E-03	9.53E+01	9.80E+01	1.58E+00	0.00E+00	0.00E+00	0.00E+00	1.17E+00
NGT316	2.35E-02	2.46E+00	-1.89E-02	2.48E+00	2.29E-06	0.00E+00	1.11E+03	1.76E-04	1.61E-03	1.79E-02	2.87E-03	7.90E+00	3.53E-08	2.21E-07	1.62E+01	4.62E-01	3.88E-03	1.10E-01	2.84E-02	4.58E-01	9.11E+01	2.36E+00	2.84E-07	1.53E-07	7.45E-03	1.68E-04	1.15E+00	6.80E-01	9.38E+01	8.00E-03	9.38E+01	9.54E+01	1.88E+00	0.00E+00	0.00E+00	0.00E+00	1.24E+00
NGT320	2.53E-02	2.50E+00	-2.63E-02	2.52E+00	2.33E-06	0.00E+00	1.32E+03	1.82E-04	1.82E-03	2.00E-02	2.94E-03	8.41E+00	3.58E-08	2.44E-07	1.71E+01	4.73E-01	3.98E-03	1.12E-01	3.24E-02	5.79E-01	9.01E+01	2.58E+00	2.91E-07	1.68E-07	7.90E-03	2.05E-04	1.24E+00	8.49E-01	9.30E+01	8.12E-03	9.30E+01	9.44E+01	2.16E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+00
NGT325	2.57E-02	2.45E+00	-1.86E-02	2.48E+00	2.13E-06	0.00E+00	1.00E+03	2.26E-04	1.63E-03	1.83E-02	2.95E-03	9.07E+00	3.55E-08	2.66E-07	1.86E+01	5.37E-01	4.00E-03	1.11E-01	3.47E-02	5.60E-01	9.00E+01	2.35E+00	2.96E-07	1.71E-07	7.93E-03	2.06E-04	1.22E+00	6.72E-01	9.30E+01	7.99E-03	9.30E+01	9.51E+01	2.12E+00	0.00E+00	0.00E+00	0.00E+00	1.49E+00
NGT332	2.81E-02	2.46E+00	-1.84E-02	2.48E+00	2.17E-06	0.00E+00	1.10E+03	3.73E-04	1.65E-03	1.85E-02	2.99E-03	1.04E+01	3.75E-08	3.21E-07	2.19E+01	9.72E-01	4.05E-03	1.14E-01	3.90E-02	5.69E-01	9.09E+01	2.36E+00	3.07E-07	1.80E-07	8.07E-03	2.09E-04	1.29E+00	6.85E-01	9.42E+01	7.94E-03	9.42E+01	9.63E+01	2.15E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
NGT340	3.02E-02	2.46E+00	-2.22E-02	2.48E+00	2.22E-06	0.00E+00	1.22E+03	3.76E-04	1.65E-03	1.85E-02	3.09E-03	1.12E+01	4.00E-08	3.23E-07	2.40E+01	9.89E-01	4.18E-03	1.14E-01	4.18E-02	5.73E-01	9.00E+01	2.36E+00	4.01E-07	1.90E-07	8.23E-03	2.12E-04	1.28E+00	6.97E-01	9.33E+01	7.94E-03	9.33E+01	9.69E+01	2.18E+00	0.00E+00	0.00E+00	0.00E+00	1.82E+00
NGT702	8.66E-03	1.09E+00	-8.32E-03	1.10E+00	8.81E-07	0.00E+00	5.16E+02	4.13E-05	7.14E-04	7.97E-03	1.03E-03	1.97E+00	1.61E-08	7.16E-08	4.01E+00	1.03E-01	1.40E-03	5.66E-02	1.11E-02	2.33E-01	3.84E+01	1.13E+00	9.35E-08	5.56E-08	2.97E-03	6.90E-05	5.29E-01	2.51E-01	3.98E+01	3.10E-03	3.98E+01	4.07E+01	7.50E-01	0.00E+00	0.00E+00	0.00E+00	4.83E-01
NGT703	8.69E-03	1.06E+00	-8.39E-03	1.08E+00	8.80E-07	0.00E+00	4.91E+02	4.05E-05	7.14E-04	7.92E-03	1.03E-03	1.98E+00	1.97E-08	7.50E-08	4.12E+00	9.97E-02	1.40E-03	5.67E-02	1.11E-02	2.26E-01	3.84E+01	1.07E+00	9.33E-08	5.68E-08	2.94E-03	7.21E-05	5.17E-01	2.51E-01	3.97E+01	3.10E-03	3.97E+01	4.05E+01	7.39E-01	0.00E+00	0.00E+00	0.00E+00	4.76E-01
NGT704	8.73E-03	1.06E+00	-8.13E-03	1.08E+00	8.80E-07	0.00E+00	4.91E+02	4.15E-05	7.12E-04	7.94E-03	1.03E-03	2.00E+00	1.97E-08	7.54E-08	4.08E+00	1.03E-01	1.40E-03	5.64E-02	1.11E-02	2.25E-01	3.78E+01	1.07E+00	9.26E-08	5.69E-08	2.95E-03	7.19E-05	5.15E-01	2.50E-01	3.89E+01	3.10E-03	3.89E+01	3.94E+01	7.37E-01	0.00E+00	0.00E+00	0.00E+00	4.77E-01
NGT706	7.25E-03	1.06E+00	-9.27E-03	1.08E+00	8.77E-07	0.00E+00	4.68E+02	3.65E-05	6.86E-04	7.62E-03	9.79E-04	1.80E+00	1.29E-08	6.29E-08	3.31E+00	8.91E-02	1.33E-03	5.59E-02	1.05E-02	1.89E-01	3.88E+01	1.04E+00	8.41E-08	4.84E-08	2.77E-03	5.90E-05	4.82E-01	2.47E-01	4.00E+01	3.09E-03	4.00E+01	4.07E+01	6.86E-01	0.00E+00	0.00E+00	0.00E+00	4.55E-01
NGT710	7.32E-03	1.16E+00	-1.02E-02	1.17E+00	9.15E-07	0.00E+00	4.70E+02	3.43E-05	7.76E-04	8.45E-03	1.01E-03	1.86E+00	1.19E-08	6.09E-08	3.38E+00	8.34E-02	1.36E-03	5.62E-02	1.09E-02	1.98E-01	4.00E+01	1.04E+00	8.38E-08	4.94E-08	3.04E-03	6.05E-05	4.93E-01	2.55E-01	4.10E+01	3.20E-03	4.10E+01	4.17E+01	7.48E-01	0.00E+00	0.00E+00	0.00E+00	4.68E-01
NGT716	7.62E-03	1.16E+00	-9.97E-03	1.17E+00	9.15E-07	0.00E+00	4.70E+02	3.43E-05	7.84E-04	8.55E-03	1.02E-03	2.06E+00	1.19E-08	6.46E-08	3.84E+00	8.32E-02	1.39E-03	5.62E-02	1.12E-02	1.96E-01	4.01E+01	1.04E+00	8.51E-08	5.12E-08	3.09E-03	5.92E-05	5.04E-01	2.57E-01	4.12E+01	3.20E-03	4.12E+01	4.19E+01	7.61E-01	0.00E+00	0.00E+00	0.00E+00	4.83E-01
NGT720	1.23E-02	1.14E+00	-4.64E-04	1.14E+00	9.93E-07	0.00E+00	4.75E+02	1.72E-04	8.48E-04	9.46E-03	1.06E-03	5.50E+00	4.78E-08	1.36E-07	1.15E+01	4.87E-01	1.44E-03	5.80E-02	1.72E-02	2.08E-01	3.28E+01	1.04E+00	1.04E-07	7.98E-08	3.53E-03	6.65E-05	7.34E-01	2.61E-01	3.38E+01	3.25E-03	3.38E+01	3.48E+01	9.95E-01	0.00E+00	0.00E+00	0.00E+00	7.37E-01
NGT725	1.24E-02	1.14E+00	-4.64E-04	1.14E+00	9.93E-07	0.00E+00	4.75E+02	1.72E-04	8.50E-04	9.48E-03	1.07E-03	5.51E+00	4.80E-08	1.36E-07	1.15E+01	4.87E-01	1.44E-03	5.80E-02	1.73E-02	2.12E-01	3.28E+01	1.04E+00	1.05E-07	8.04E-08	3.54E-03	6.66E-05	7.35E-01	2.61E-01	3.39E+01	3.25E-03	3.39E+01	3.49E+01	9.96E-01	0.00E+00	0.00E+00	0.00E+00	7.41E-01
NGT732	1.26E-02	1.15E+00	-1.66E-04	1.15E+00	9.93E-07	0.00E+00	4.75E+02	1.72E-04	8.56E-04	9.54E-03	1.08E-03	5.72E+00	4.78E-08	1.40E-07	1.20E+01	4.87E-01	1.46E-03	5.80E-02	1.75E-02	2.08E-01	3.29E+01	1.04E+00	1.06E-07	8.17E-08	3.58E-03	6.71E-05	7.42E-01	2.63E-01	3.40E+01	3.26E-03	3.40E+01	3.50E+01	1.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-01
NGT740	1.16E-02	1.00E+00	-2.64E-04	1.00E+00	9.93E-07	0.00E+00	4.95E+02	1.72E-04	7.40E-04	8.10E-03	1.09E-03	5.72E+00	4.82E-08	1.38E-07	1.20E+01	4.85E-01	1.47E-03	5.80E-02	1.74E-02	1.73E-01	3.07E+01	1.07E+00	1.05E-07	7.63E-08	3.20E-03	6.00E-05	5.30E-01	2.63E-01	3.18E+01	3.26E-03	3.18E+01	3.26E+01	7.92E-01	0.00E+00	0.00E+00	0.00E+00	7.48E-01
NGT806	2.31E-02	2.46E+00	-2.70E-02	2.45E+00	2.13E-06	0.00E+00	1.18E+03	1.46E-04	1.64E-03	1.84E-02	2.89E-03	5.10E+00	4.12E-08	1.73E-07	1.06E+01	4.12E-01	3.91E-03	1.27E-01	2.81E-02	5.23E-01	9.66E+01	2.35E+00	2.76E-07	1.53E-07	7.77E-03	1.88E-04	1.11E+00	6.93E-01	9.96E+01	8.54E-03	9.96E+01	1.01E+02	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+00
NGT810	2.01E-02	2.60E+00	-4.25E-02	2.64E+00	1.95E-06	0.00E+00	1.31E+03	1.55E-04	1.80E-03	1.91E-02	2.96E-03	6.71E+00	3.73E-08	1.96E-07	1.39E+01	4.02E-01	4.01E-03	1.29E-01	3.05E-02	5.13E-01	9.33E+01	2.98E+00	2.68E-07	1.37E-07	7.34E-03	2.00E-04	8.12E-01	9.71E-01	9.63E+01	8.84E-03	9.63E+01	9.81E+01	1.78E+00	0.00E+00	0.00E+00	0.00E+00	1.31E+00
NGT816	2.33E-02	2.93E+00	-4.17E-02	2.97E+00	2.36E-06	0.00E+00	1.26E+03	1.54E-04	2.08E-03	2.25E-02	2.99E-03	7.32E+00	3.73E-08	2.10E-07	1.52E+01	4.08E-01	4.05E-03	1.29E-01	3.19E-02	6.08E-01	9.86E+01	2.92E+00	2.73E-07	1.56E-07	8.30E-03	2.17E-04	1.31E+00	9.77E-01	1.01E+02	8.84E-03	1.01E+02	1.04E+02	2.29E+00	0.00E+00	0.00E+00	0.00E+00	1.37E+00
NGT820	2.92E-02	2.93E+00	-3.11E-02	2.96E+00	2.44E-06	0.00E+00	1.26E+03	2.91E-04	2.17E-03	2.38E-02	3.09E-03	1.16E+01	7.39E-08	2.96E-07	2.46E+01	8.11E-01	4.19E-03	1.31E-01	3.93E-02	6.31E-01	9.17E+01	2.92E+00	2.98E-07	1.92E-07	8.92E-03	2.27E-04	1.56E+00	9.86E-01	9.46E+01	8.90E-03	9.46E+01	9.71E+01	2.55E+00	0.00E+00	0.00E+00	0.00E+00	1.69E+00
NGT825	2.69E-02	2.63E+00	-3.15E-02	2.66E+00	2.03E-06	0.00E+00	1.32E+03	2.92E-04	1.92E-03	2.07E-02	3.11E-03	1.16E+01	7.43E-08	2.93E-07	2.47E+01	8.06E-01	4.21E-03	1.31E-01	3.90E-02	5.42E-01	8.70E+01	2.99E+00	2.97E-07	1.80E-07	8.11E-03	2.09E-04	1.10E+00	9.85E-01	8.99E+01	8.90E-03	8.99E+01	9.20E+01	2.08E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+00
NGT832	2.88E-02	2.64E+00	-2.70E-02	2.67E+00	2.08E-06	0.00E+00	1.32E+03	3.71E-04	1.98E-03	2.14E-02	3.16E-03	1.31E+01	1.44E-07	3.27E-07	2.83E+01	1.02E+00	4.28E-03	1.31E-01	4.21E-02	5.54E-01	8.40E+01	2.99E+00	3.08E-07	1.91E-07	8.37E-03	2.14E-04	1.23E+00	9.90E-01	8.70E+01	8.93E-03	8.70E+01	8.92E+01	2.22E+00	0.00E+00	0.00E+00	0.00E+00	1.81E+00
NGT840	3.00E-02	2.62E+00	-2.56E-02	2.65E+00	2.09E-06	0.00E+00	1.32E+03	3.82E-04	1.98E-03	2.15E-02	3.19E-03	1.41E+01	1.45E-07	3.42E-07	2.99E+01	1.05E+00	4.32E-03	1.25E-01	4.32E-02	5.76E-01	8.06E+01	2.99E+00	3.16E-07	2.01E-07	8.47E-03	2.22E-04	1.27E+00	9.93E-01	8.36E+01	9.00E-03	8.36E+01	8.59E+01	2.27E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+00
NKN110	5.97E-03	8.17E-01	-7.75E-03	8.25E-01	9.18E-07	0.00E+00	6.19E+02	3.88E-05	5.15E-04	5.56E-03	9.63E-04	1.76E+00	1.24E-08	4.26E-08	3.52E+00	9.50E-02	1.30E-03	4.22E-02	9.25E-03	1.44E-01	3.35E+01	9.87E-01	8.49E-08	3.98E-08	2.08E-03	5.56E-05	2.67E-01	2.26E-01	3.45E+01	4.21E-04	3.45E+01	3.50E+01	4.93E-01	0.00E+00	0.00E+00	0.00E+00	3.97E-01
NKN125	7.07E-03	8.47E-01	-5.89E-03	8.53E-01	9.31E-07	0.00E+00	6.20E+02	6.49E-05	5.50E-04	5.99E-03	1.01E-03	2.57E+00	1.29E-08	5.93E-08	5.33E+00	1.74E-01	1.37E-03	4.31E-02	1.11E-02	1.49E-01	3.36E+01	9.90E-01	9.06E-08	4.64E-08	2.26E-03	5.65E-05	3.16E-01	2.31E-01	3.46E+01	4.31E-04	3.46E+01	3.51E+01	5.47E-01	0.00E+00	0.00E+00	0.00E+00	4.76E-01
NKN150	1.09E-02	8.96E-01	-8.64E-04	8.89E-01	9.56E-07	0.00E+00	4.42E+02	1.35E-04	6.54E-04	7.25E-03	1.06E-03	4.89E+00	2.03E-08	1.10E-07	9.93E+00	3.92E-01	1.44E-03	4.49E-02	1.56E-02	1.79E-01	3.25E+01	1.05E+00	1.27E-07	7.05E-08	2.73E-03	7.08E-05	5.11E-01	2.36E-01	3.33E+01	1.32E-03	3.33E+01	3.42E+01	7.61E-01	0.00E+00	0.00E+00	0.00E+00	6.59E-01
NKN163	1.23E-02	8.82E-01	2.13E-03	8.78E-01	9.74E-07	0.00E+00	4.63E+02	1.54E-04	6.59E-04	7.14E-03	1.07E-03	6.04E+00	1.92E-08	1.44E-07	1.27E+01	4.38E-01	1.45E-03	4.31E-02	1.82E-02	1.78E-01	2.83E+01	1.04E+00	1.15E-07	8.00E-08	2.83E-03	6.59E-05	5.88E-01	2.33E-01	2.95E+01	5.38E-04	2.95E+01	3.02E+01	7.99E-01	0.00E+00	0.00E+00	0.00E+00	7.84E-01
NKN210	1.23E-02	1.67E+00	-2.17E-02	1.69E+00	1.51E-06	0.00E+00	1.20E+03	7.73E-05	1.12E-03	1.21E-02	1.96E-03	3.52E+00	2.53E-08	8.46E-08	8.12E+00	1.89E-01	2.66E-03	8.44E-02	1.86E-02	3.24E-01	6.76E+01	1.96E+00	1.73E-07	8.21E-08	4.43E-03	1.37E-04	5.38E-01	5.25E-01	6.96E+01	8.86E-04	6.96E+01	7.07E+01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-01
NKN216	1.28E-02	1.68E+00	-2.13E-02	1.70E+00	1.51E-06	0.00E+00	1.20E+03	7.74E-05	1.13E-03	1.22E-02	1.99E-03	3.92E+00	2.54E-08	9.18E-08	9.03E+00	1.89E-01	2.70E-03	8.44E-02	1.92E-02	3.20E-01	6.80E+01	1.97E+00	1.75E-07	8.56E-08	4.52E-03	1.35E-04	5.60E-01	5.28E-01	6.99E+01	8.90E-04	6.99E+01	7.10E+01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-01
NKN416	2.55E-02	3.36E+00	-1.98E-02	3.38E+00	2.44E-06	0.00E+00	2.40E+03	1.54E-04	2.23E-03	2.42E-02	3.86E-03	7.85E+00	4.81E-08	1.84E-07	1.67E+01	3.76E-01	5.22E-03	1.69E-01	3.83E-02	6.27E-01	1.35E+02	3.91E+00	3.50E-07	1.70E-07	8.97E-03	2.64E-04	1.13E+00	7.73E-01	1.39E+02	1.82E-03	1.39E+02	1.41E+02	1.91E+00	0.00E+00	0.00E+00	0.00E+00	1.65E+00
NKN432	3.66E-02	3.57E+00	1.90E-03	3.56E+00	2.57E-06	0.00E+00	1.73E+03	4.02E-04	2.57E-03	2.74E-02	4.30E-03	1.58E+01	4.79E-08	4.14E-07	3.42E+01	1.13E+00	5.82E-03	1.79E-01	5.72E-02	6.72E-01	1.30E+02	4.14E+00	4.02E-07	2.39E-07	1.07E-02	2.88E-04	1.62E+00	8.17E-01	1.34E+02	2.02E-03	1.34E+02	1.37E+02	2.44E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+00
NKN440	4.69E-02	3.43E+00	2.11E-02	3.41E+00	2.69E-06	0.00E+00	1.74E+03	6.23E-04	2.56E-03	2.77E-02	4.35E-03	2.38E+01	5.12E-08	5.69E-07	5.15E+01	1.80E+00	5.89E-03	1.72E-01	6.96E-02	7.14E-01	1.10E+02	4.15E+00	4.47E-07	3.02E-07	1.13E-02	3.12E-04	2.08E+00	8.22E-01	1.15E+02	2.40E-03	1.15E+02	1.17E+02	2.90E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
NKN463	4.91E-02	3.55E+00	2.18E-02	3.52E+00	2.69E-06	0.00E+00	1.74E+03	6.20E-04	2.74E-03	2.97E-02	4.41E-03	2.45E+01	5.41E-08	5.84E-07	5.30E+01	1.79E+00	5.97E-03	1.71E-01	7.17E-02	7.71E-01	1.12E+02	4.15E+00	4.52E-07	3.17E-07	1.19E-02	3.15E-04	2.18E+00	8.29E-01	1.16E+02	2.40E-03	1.16E+02	1.19E+02	3.01E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+00
NQN110	8.77E-03	9.91E-01	-2.31E-02	9.77E-01	1.49E-06	0.00E+00	1.23E+03	5.28E-05	9.52E-04	9.63E-03	1.06E-03	2.15E+00	1.83E-08	6.33E-08	4.81E+00	1.66E-01	1.48E-03	4.28E-02	1.14E-02	1.80E-01	3.12E+01	1.39E+00	1.13E-07	5.44E-08	2.88E-03	5.94E-05	3.33E-01	4.41E-01	3.11E+01	3.86E-04	3.11E+01	3.14E+01	6.78E-01	0.00E+00	0.00E+00	0.00E+00	4.93E-01

	NQN116	9.72E-03	9.95E-01	-2.94E-02	9.79E-01	1.52E-06	0.00E+00	1.22E+03	5.59E-05	9.63E-04	9.75E-03	1.11E-03	2.27E+00	1.90E-08	6.51E-08	5.46E+00	1.70E-01	1.55E-03	4.28E-02	1.17E-02	1.84E-01	3.09E+01	1.39E+00	1.13E-07	6.01E-08	2.96E-03	6.18E-05	3.50E-01	4.48E-01	3.08E+01	3.89E-04	3.08E+01	3.15E+01	7.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-01
	NQN210	1.59E-02	2.11E+00	-3.21E-02	2.16E+00	2.06E-06	0.00E+00	1.44E+03	1.05E-04	1.58E-03	1.67E-02	1.97E-03	4.74E+00	3.43E-08	1.51E-07	1.06E+01	2.66E-01	2.68E-03	9.33E-02	2.12E-02	3.32E-01	7.29E+01	2.44E+00	2.74E-07	9.95E-08	6.41E-03	1.45E-04	6.07E-01	7.10E-01	7.45E+01	6.73E-04	7.45E+01	7.51E+01	1.24E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-01
	NQN306	2.30E-02	2.97E+00	-3.47E-02	2.95E+00	2.15E-06	0.00E+00	1.83E+03	1.16E-04	1.84E-03	2.01E-02	2.86E-03	5.04E+00	3.80E-08	1.70E-07	1.13E+01	2.87E-01	3.88E-03	1.15E-01	2.32E-02	4.26E-01	9.69E+01	3.44E+00	2.82E-07	1.48E-07	7.66E-03	1.60E-04	7.61E-01	8.28E-01	9.98E+01	6.76E-04	9.98E+01	9.96E+01	1.69E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00
	NQN320	2.52E-02	2.98E+00	-3.47E-02	2.96E+00	2.35E-06	0.00E+00	1.85E+03	1.43E-04	1.88E-03	2.07E-02	3.09E-03	7.14E+00	4.04E-08	1.54E-07	1.46E+01	3.55E-01	4.19E-03	1.16E-01	3.31E-02	6.03E-01	9.73E+01	3.45E+00	2.91E-07	1.64E-07	8.14E-03	1.95E-04	9.57E-01	8.32E-01	1.00E+02	7.20E-04	1.00E+02	1.01E+02	2.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+00
	NRN116	8.95E-03	9.92E-01	-2.24E-02	9.77E-01	1.49E-06	0.00E+00	1.23E+03	5.24E-05	9.56E-04	9.69E-03	1.06E-03	2.19E+00	1.83E-08	6.48E-08	4.86E+00	1.69E-01	1.49E-03	4.28E-02	1.15E-02	1.83E-01	3.10E+01	1.39E+00	1.13E-07	5.68E-08	2.92E-03	6.14E-05	3.44E-01	2.89E-01	3.09E+01	3.85E-04	3.09E+01	3.15E+01	7.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-01
	NRN325	2.62E-02	2.98E+00	-3.87E-02	2.96E+00	2.30E-06	0.00E+00	1.87E+03	1.69E-04	1.89E-03	2.07E-02	3.09E-03	8.31E+00	4.15E-08	1.80E-07	1.68E+01	4.03E-01	4.20E-03	1.16E-01	3.54E-02	5.98E-01	9.71E+01	3.45E+00	3.06E-07	1.72E-07	8.17E-03	1.96E-04	1.01E+00	8.65E-01	1.00E+02	8.10E-04	1.00E+02	1.01E+02	2.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E+00
	NRN363	3.32E-02	3.00E+00	-2.75E-02	2.97E+00	2.29E-06	0.00E+00	1.87E+03	3.46E-04	2.00E-03	2.20E-02	3.17E-03	1.18E+01	4.19E-08	3.19E-07	2.61E+01	8.68E-01	4.31E-03	1.16E-01	4.45E-02	6.24E-01	9.74E+01	3.47E+00	4.95E-07	2.09E-07	8.89E-03	2.35E-04	1.14E+00	8.34E-01	1.01E+02	8.74E-04	1.01E+02	1.02E+02	2.14E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E+00
	NRN410	2.61E-02	3.15E+00	-3.63E-02	3.18E+00	2.44E-06	0.00E+00	2.33E+03	1.56E-04	2.29E-03	2.49E-02	3.87E-03	8.13E+00	4.55E-08	2.01E-07	1.71E+01	4.00E-01	5.28E-03	1.64E-01	3.67E-02	6.35E-01	1.30E+02	3.73E+00	5.44E-07	1.77E-07	9.35E-03	2.65E-04	1.09E+00	1.10E+00	1.30E+02	1.81E-03	1.30E+02	1.34E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E+00
	NSN332	2.83E-02	2.41E+00	-1.70E-02	2.39E+00	2.25E-06	0.00E+00	1.10E+03	3.53E-04	1.59E-03	1.79E-02	3.15E-03	9.62E+00	3.53E-08	2.97E-07	2.10E+01	8.71E-01	4.28E-03	1.15E-01	3.92E-02	5.72E-01	9.67E+01	2.31E+00	3.24E-07	1.80E-07	8.03E-03	1.88E-04	1.12E+00	5.73E-01	1.00E+02	7.88E-04	1.00E+02	1.01E+02	1.99E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+00
	NSN363	3.32E-02	2.43E+00	-1.72E-02	2.42E+00	2.27E-06	0.00E+00	1.10E+03	3.57E-04	1.69E-03	1.91E-02	3.17E-03	1.18E+01	3.58E-08	3.18E-07	2.61E+01	8.85E-01	4.31E-03	1.15E-01	4.42E-02	5.98E-01	9.68E+01	2.31E+00	4.90E-07	2.09E-07	8.55E-03	2.35E-04	1.13E+00	5.74E-01	1.00E+02	8.48E-04	1.00E+02	1.01E+02	2.10E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+00
	NSN416	3.29E-02	3.15E+00	-3.81E-02	3.19E+00	2.44E-06	0.00E+00	2.34E+03	1.70E-04	2.31E-03	2.50E-02	3.91E-03	8.88E+00	4.57E-08	2.14E-07	1.91E+01	4.21E-01	5.34E-03	1.60E-01	3.85E-02	6.27E-01	1.30E+02	3.74E+00	5.45E-07	2.12E-07	9.67E-03	2.65E-04	1.10E+00	1.10E+00	1.31E+02	1.91E-03	1.31E+02	1.34E+02	2.12E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+00
	YZB110	4.19E-03	6.51E-01	-1.16E-02	6.63E-01	8.36E-09	0.00E+00	5.76E+02	2.33E-05	4.08E-04	4.37E-03	7.92E-04	9.84E-01	6.41E-09	2.72E-08	1.96E+00	4.86E-02	1.07E-03	3.65E-02	6.84E-03	5.70E-02	2.59E+01	8.10E-01	7.79E-08	2.71E-08	1.58E-03	1.77E-05	8.50E-02	2.13E-01	2.67E+01	5.62E-05	2.67E+01	2.70E+01	2.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-01
	YZC110	4.64E-03	7.60E-01	-1.60E-02	7.85E-01	3.09E-07	0.00E+00	1.30E+03	2.36E-05	6.19E-04	6.08E-03	8.99E-04	1.05E+00	1.52E-08	2.88E-08	2.14E+00	5.09E-02	1.28E-03	3.68E-02	6.96E-03	6.11E-02	2.69E+01	1.26E+00	8.55E-08	2.97E-08	1.69E-03	2.06E-05	1.09E-01	2.53E-01	2.79E+01	5.98E-05	2.79E+01	2.82E+01	3.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-01
	YZB116	4.33E-03	6.52E-01	-1.14E-02	6.63E-01	8.36E-09	0.00E+00	5.65E+02	2.31E-05	4.10E-04	4.39E-03	7.95E-04	1.12E+00	6.16E-09	2.91E-08	2.26E+00	4.86E-02	1.08E-03	3.65E-02	7.02E-03	5.42E-02	2.59E+01	7.90E-01	7.90E-08	2.78E-08	1.60E-03	1.80E-05	9.32E-02	2.13E-01	2.67E+01	5.77E-05	2.67E+01	2.70E+01	3.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-01
	YZC116	4.75E-03	6.89E-01	-9.63E-03	6.92E-01	1.96E-07	0.00E+00	5.85E+02	2.37E-05	4.20E-04	4.50E-03	8.20E-04	1.05E+00	8.44E-09	2.97E-08	2.15E+00	5.01E-02	1.11E-03	3.73E-02	7.13E-03	6.77E-02	2.74E+01	8.21E-01	8.93E-08	3.06E-08	1.65E-03	2.98E-05	1.10E-01	1.97E-01	2.80E+01	6.32E-05	2.80E+01	2.85E+01	3.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-01
	YZB120	4.98E-03	6.91E-01	-9.56E-03	6.96E-01	2.50E-07	0.00E+00	5.86E+02	2.39E-05	4.21E-04	4.51E-03	8.20E-04	1.09E+00	8.61E-09	3.00E-08	2.17E+00	4.99E-02	1.11E-03	3.85E-02	7.48E-03	8.21E-02	2.96E+01	8.20E-01	1.04E-07	3.29E-08	1.64E-03	4.53E-05	1.10E-01	1.98E-01	3.00E+01	7.47E-05	3.00E+01	3.08E+01	3.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-01
	YZC120	5.11E-03	7.21E-01	-8.24E-03	7.50E-01	4.59E-07	0.00E+00	6.28E+02	3.02E-05	5.02E-04	5.51E-03	8.19E-04	1.13E+00	1.08E-08	3.02E-08	2.23E+00	9.78E-02	1.11E-03	3.59E-02	7.10E-03	7.93E-02	2.72E+01	9.64E-01	9.39E-08	3.33E-08	1.80E-03	3.13E-05	1.84E-01	1.98E-01	2.79E+01	1.72E-04	2.79E+01	2.83E+01	3.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-01
	YZB125	8.18E-03	8.59E-01	-8.86E-03	8.75E-01	2.94E-07	0.00E+00	6.98E+02	3.19E-05	5.62E-04	6.06E-03	9.65E-04	1.88E+00	7.69E-09	6.45E-08	3.76E+00	7.16E-02	1.31E-03	5.17E-02	1.13E-02	1.37E-01	3.78E+01	9.32E-01	1.35E-07	5.15E-08	2.37E-03	5.41E-05	2.49E-01	2.15E-01	3.88E+01	1.44E-04	3.88E+01	3.94E+01	4.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-01
	YZC125	8.87E-03	8.59E-01	-8.90E-03	8.75E-01	2.94E-07	0.00E+00	6.96E+02	3.82E-05	5.64E-04	6.07E-03	9.73E-04	1.91E+00	7.85E-09	6.46E-08	3.84E+00	9.07E-02	1.32E-03	5.17E-02	1.22E-02	1.51E-01	3.78E+01	9.31E-01	1.43E-07	5.47E-08	2.44E-03	5.45E-05	2.66E-01	2.15E-01	3.88E+01	1.48E-04	3.88E+01	3.93E+01	5.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-01
	YZB316	1.31E-02	1.92E+00	-3.35E-02	1.95E+00	2.51E-08	0.00E+00	1.70E+03	6.95E-05	1.22E-03	1.30E-02	2.36E-03	3.38E+00	1.90E-08	8.66E-08	6.83E+00	1.46E-01	3.20E-03	1.04E-01	2.08E-02	2.18E-01	7.42E+01	2.41E+00	2.41E-07	8.55E-08	4.77E-03	9.11E-05	3.22E-01	6.39E-01	7.66E+01	1.83E-04	7.66E+01	7.76E+01	9.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-01
	YZC316	1.33E-02	1.88E+00	-2.41E-02	1.90E+00	7.51E-07	0.00E+00	1.37E+03	6.31E-05	1.23E-03	1.34E-02	2.37E-03	3.27E+00	2.01E-08	8.36E-08	6.66E+00	1.43E-01	3.22E-03	1.03E-01	2.08E-02	2.28E-01	7.26E+01	2.15E+00	2.41E-07	8.69E-08	4.74E-03	9.40E-05	3.43E-01	4.62E-01	7.47E+01	2.25E-04	7.47E+01	7.73E+01	9.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-01
	YZB320	2.50E-02	2.72E+00	-3.06E-02	2.76E+00	9.02E-07	0.00E+00	1.81E+03	1.63E-04	1.79E-03	1.88E-02	2.78E-03	7.53E+00	2.20E-08	1.74E-07	1.61E+01	3.52E-01	3.78E-03	1.16E-01	2.85E-02	4.10E-01	9.36E+01	2.99E+00	3.31E-07	1.58E-07	7.14E-03	1.47E-04	8.46E-01	6.64E-01	9.70E+01	3.58E-04	9.70E+01	9.76E+01	1.34E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+00
	YZC320	2.00E-02	2.54E+00	-3.12E-02	2.57E+00	2.56E-08	0.00E+00	2.09E+03	7.60E-05	1.57E-03	1.68E-02	2.84E-03	4.38E+00	2.26E-08	1.13E-07	9.24E+00	1.49E-01	3.84E-03	1.43E-01	-3.31E+00	3.69E-01	1.07E+02	2.88E+00	3.79E-07	1.26E-07	6.35E-03	1.63E-04	3.99E-01	6.91E-01	1.10E+02	3.93E-04	1.10E+02	1.11E+02	1.09E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
	YZB325	2.50E-02	2.13E+00	-1.89E-02	2.12E+00	8.42E-07	0.00E+00	1.01E+03	1.61E-04	1.38E-03	1.54E-02	2.85E-03	8.26E+00	1.78E-08	1.86E-07	1.75E+01	3.51E-01	3.87E-03	1.16E-01	2.96E-02	4.08E-01	9.36E+01	2.36E+00	3.71E-07	1.58E-07	6.89E-03	1.52E-04	8.13E-01	4.27E-01	9.68E+01	4.95E-04	9.68E+01	9.72E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E+00
	YZC325	2.17E-02	2.59E+00	-2.99E-02	2.62E+00	2.56E-08	0.00E+00	2.09E+03	7.60E-05	1.61E-03	1.73E-02	2.91E-03	5.43E+00	2.37E-08	1.33E-07	1.16E+01	1.49E-01	3.93E-03	1.43E-01	3.01E-02	3.87E-01	1.08E+02	2.88E+00	3.88E-07	1.37E-07	6.62E-03	1.63E-04	4.34E-01	6.98E-01	1.11E+02	4.04E-04	1.11E+02	1.12E+02	1.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E+00
	VKS01SG	9.55E-03	1.02E+00	-1.32E-02	1.04E+00	9.71E-07	0.00E+00	7.73E+02	1.19E-04	7.20E-04	7.91E-03	1.07E-03	3.78E+00	9.54E-08	8.42E-08	1.09E+01	3.01E-01	1.45E-03	6.18E-02	1.62E-02	1.55E-01	3.81E+01	1.48E+00	1.49E-07	6.31E-08	2.94E-03	6.00E-05	5.18E-01	3.08E-01	3.96E+01	1.98E-04	3.96E+01	4.04E+01	8.26E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-01
	VKS03SF	1.93E-02	2.06E+00	-5.84E-02	2.12E+00	1.62E-06	0.00E+00	1.54E+03	2.39E-04	1.50E-03	1.63E-02	2.33E-03	7.56E+00	1.96E-07	1.69E-07	2.17E+01	6.01E-01	3.16E-03	1.24E-01	3.24E-02	3.37E-01	7.76E+01	2.99E+00	2.99E-07	1.28E-07	6.03E-03	1.30E-04	1.02E+00	1.05E+00	8.05E+01	5.40E-04	8.05E+01	8.26E+01	2.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E+00
	VKS04SD	3.74E-02	3.53E+00	-1.14E-01	3.65E+00	2.61E-06	0.00E+00	2.55E+03	3.23E-04	2.64E-03	2.84E-02	4.48E-03	1.11E+01	8.46E-07	2.46E-07	2.81E+01	6.84E-01	6.07E-03	1.85E-01	4.80E-02	7.19E-01	1.28E+02	4.94E+00	6.56E-07	2.50E-07	1.09E-02	2.80E-04	1.09E+00	1.96E+00	1.33E+02	5.28E-04	1.33E+02	1.36E+02	3.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E+00
	VKS05SK	4.55E-02	3.74E+00	-9.79E-02	3.84E+00	2.65E-06	0.00E+00	2.55E+03	4.08E-04	2.73E-03	2.97E-02	4.80E-03	1.87E+01	7.20E-07	3.89E-07	4.58E+01	9.59E-01	6.50E-03	1.99E-01	6.77E-02	7.48E-01	1.31E+02	4.85E+00	6.55E-07	2.99E-07	1.16E-02	3.22E-04	1.44E+00	1.99E+00	1.36E+02	5.92E-04	1.36E+02	1.39E+02	3.43E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E+00
	VKS06SV	2.58E-02	2.03E+00	-9.66E-02	2.13E+00	1.68E-06	0.00E+00	1.49E+03	3.68E-04	1.64E-03	1.79E-02	2.70E-03	1.24E+01	1.79E-07	2.63E-07	3.27E+01	1.01E+00	3.66E-03	1.29E-01	3.99E-02	3.71E-01	7.03E+01	2.77E+00	3.25E-07	1.68E-07	6.76E-03	1.54E-04	1.05E+00	1.69E+00	7.31E+01	6.34E-04	7.31E+01	7.58E+01	2.74E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E+00
	VKS08SC	4.57E-02	3.75E+00	-1.36E-01	3.88E+00	2.65E-06	0.00E+00	2.55E+03	4.08E-04	2.79E-03	3.02E-02	5.04E-03	1.87E+01	7.24E-07	3.89E-07	4.90E+01	9.59E-01	6.82E-03	1.99E-01	6.80E-02	7.69E-01	1.32E+02	4.93E+00	6.57E-07	3.00E-07	1.18E-02	3.32E-04	1.38E+00	2.44E+00	1.37E+02	5.93E-04	1.37E+02	1.40E+02	3.82E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00
	VKS12SJ	9.58E-03	1.02E+00	-2.39E-02	1.04E+00	9.71E-07	0.00E+00	7.73E+02	1.19E-04	7.32E-04	8.01E-03	1.12E-03	3.79E+00	9.66E-08	8.42E-08	1.10E+01	3.01E-01	1.51E-03	6.18E-02	1.62E-02	1.61E-01	3.82E+01	1.40E+00	1.49E-07	6.34E-08	2.97E-03	6.25E-05	4.91E-01	4.38E-01	3.96E+01	1.98E-04	3.96E+01	4.05E+01	9.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-01
Distribution A4	MBN116	1.04E-04	1.64E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.08E-02	6.17E-09	4.89E-05	5.36E-04	0.00E+00	0.00E+00	2.89E-13	5.60E-12	4.01E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.78E-04	2.30E-01	0.00E+00	2.52E-11	8.48E-10	1.35E-04	4.11E-07	3.06E-04	0.00E+00	2.30E-01	6.48E-10	2.30E-01	2.30E-01	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05
	HLE180S	2.39E-04	3.77E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.47E-02	1.41E-08	1.12E-04	1.23E-03	0.00E+00	0.00E+00	6.63E-13	1.28E-11	9.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.26E-01	0.00E+00	5.78E-11	1.94E-09	3.09E-04	9.43E-07	7.02E-04	0.00E+00	5.26E-01	1.48E-09	5.26E-01	5.27E-01	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
	HLE280S	4.43E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.46E-03	9.77E-01	0.00E+00	1.07E-10	3.60E-09	5.76E-04	1.75E-06	1.30E-03	0.00E+00	9.77E-01	2.76E-09	9.77E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
	HLE290S	4.30E-04	6.78E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.45E-02	2.55E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.19E-12	2.32E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.38E-03	9.50E-01	0.00E+00	1.04E-10	3.50E-09	5.60E-04	1.70E-06	1.26E-03	0.00E+00	9.50E-01	2.68E-09	9.50E-01	9.49E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
	HLE380S	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
	HLE390S	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
	HLF180S	2.39E-04	3.77E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.47E-02	1.41E-08	1.12E-04	1.23E-03	0.00E+00	0.00E+00	6.63E-13	1.28E-11	9.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.26E-01	0.00E+00	5.78E-11	1.94E-09	3.09E-04	9.43E-07	7.02E-04	0.00E+00	5.26E-01	1.48E-09	5.26E-01	5.27E-01	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
	HLF190S	2.39E-04	3.77E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.47E-02	1.41E-08	1.12E-04	1.23E-03	0.00E+00	0.00E+00	6.63E-13	1.28E-11	9.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.26E-01	0.00E+00	5.78E-11	1.94E-09	3.09E-04	9.43E-07	7.02E-04	0.00E+00	5.26E-01	1.48E-09	5.26E-01	5.27E-01	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
	HLF199S	2.43E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.74E-13	1.30E-11	9.34E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.35E-03	5.35E-01	0.00E+00	5.88E-11	1.97E-09	3.14E-04	9.58E-07	7.14E-04	0.00E+00	5.35E-01	1.51E-09	5.35E-01	5.35E-01	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
	HLF280S	4.46E-04	7.02E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.61E-02	2.64E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.24E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-06	2.47E-03	9.81E-01	0.00E+00	1.08E-10	3.62E-09	5.78E-04	1.76E-06	1.31E-03	0.00E+00	9.81E-01	2.77E-09	9.81E-01	9.83E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
	HLF290S	4.45E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.62E-09	5.77E-04	1.76E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.81E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
	HLF299S	4.45E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.62E-09	5.77E-04	1.76E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.81E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
	HLF380S	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
	HLF390S	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
	HLF399S	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
	HMB180	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
	HMB190	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
	HMB199	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
	HMB280	5.06E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.37E-04	2.60E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
	HMB290	5.06E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.37E-04	2.60E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
	HMB299	5.06E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.37E-04	2.60E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
	HMB380	8.16E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.44E-02	4.83E-08	3.82E-04	4.19E-03	0.00E+00	0.00E+00	2.26E-12	4.38E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.52E-03	1.80E+00	0.00E+00	1.97E-10	6.63E-09	1.06E-03	3.22E-06	2.40E-03	0.00E+00	1.80E+00	5.07E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
	HMB480	1.14E-03	1.80E-01	0.00E+00	1.80E-01	0.00E+00	0.00E+00	1.18E-01	6.75E-08	5.34E-04	5.86E-03	0.00E+00	0.00E+00	3.16E-12	6.12E-11	4.39E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-05	6.32E-03	2.51E+00	0.00E+00	2.76E-10	9.27E-09	1.48E-03	4.50E-06	3.35E-03	0.00E+00	2.51E+00	7.09E-09	2.51E+00	2.51E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
	HMB490	1.09E-03	1.73E-01	0.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-01	6.48E-08	5.13E-04	5.63E-03	0.00E+00	0.00E+00	3.04E-12	5.87E-11	4.21E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	6.07E-03	2.41E+00	0.00E+00	2.65E-10	8.90E-09	1.42E-03	4.32E-06	3.22E-03	0.00E+00	2.41E+00	6.80E-09	2.41E+00	2.41E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04
	HMB499	1.10E-03	1.73E-01	0.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-01	6.50E-08	5.14E-04	5.64E-03	0.00E+00	0.00E+00	3.04E-12	5.89E-11	4.22E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	6.08E-03	2.42E+00	0.00E+00	2.65E-10	8.92E-09	1.42E-03	4.33E-06	3.22E-03	0.00E+00	2.42E+00	6.82E-09	2.42E+00	2.42E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
	HMC180	2.74E-04	4.31E-02	0.00E+00	4.31E-02	0.00E+00	0.00E+00	2.83E-02	1.62E-08	1.29E-04	1.41E-03	0.00E+00	0.00E+00	7.59E-13	1.47E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.82E-06	1.52E-03	6.05E-01	0.00E+00	6.62E-11	2.23E-09	3.56E-04	1.08E-06	8.04E-04	0.00E+00	6.05E-01	1.71E-09	6.05E-01	6.04E-01	8.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
	HMC180T	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.61E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.52E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.56E-11	2.20E-09	3.52E-04	1.07E-06	7.97E-04	0.00E+00	5.97E-01	1.69E-09	5.97E-01	5.98E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
	HMC190	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.99E-02	1.70E-08	1.34E-04	1.48E-03	0.00E+00	0.00E+00	8.02E-13	1.54E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.33E-01	0.00E+00	7.03E-11	2.33E-09	3.72E-04	1.15E-06	8.46E-04	0.00E+00	6.33E-01	1.79E-09	6.33E-01	6.34E-01	8.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
	HMC190T	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
	HMC199	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.61E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.52E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.56E-11	2.20E-09	3.52E-04	1.07E-06	7.97E-04	0.00E+00	5.97E-01	1.69E-09	5.97E-01	5.98E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
	HMC199T	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
	HMC280	5.06E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.37E-04	2.60E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.07E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
	HMC280T	5.07E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
	HMC290	5.11E-04	8.10E-02	0.00E+00	8.10E-02	0.00E+00	0.00E+00	5.29E-02	3.03E-08	2.39E-04	2.63E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-06	2.86E-03	1.13E+00	0.00E+00	1.24E-10	4.15E-09	6.63E-04	2.02E-06	1.50E-03	0.00E+00	1.13E+00	3.18E-09	1.13E+00	1.13E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
	HMC290T	5.08E-04	8.00E-02	0.00E+00	8.00E-02	0.00E+00	0.00E+00	5.25E-02	3.01E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.13E-09	6.58E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
	HMC299	5.07E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
	HMC299T	5.07E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
	HMC380	8.17E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.45E-02	4.84E-08	3.83E-04	4.20E-03	0.00E+00	0.00E+00	2.27E-12	4.38E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.53E-03	1.80E+00	0.00E+00	1.98E-10	6.64E-09	1.06E-03	3.22E-06	2.40E-03	0.00E+00	1.80E+00	5.08E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
	HMC390	7.93E-04	1.25E-01	0.00E+00	1.25E-01	0.00E+00	0.00E+00	8.20E-02	4.70E-08	3.72E-04	4.08E-03	0.00E+00	0.00E+00	2.20E-12	4.26E-11	3.05E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-05	4.39E-03	1.75E+00	0.00E+00	1.92E-10	6.45E-09	1.03E-03	3.13E-06	2.33E-03	0.00E+00	1.75E+00	4.93E-09	1.75E+00	1.75E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
	HMC399	8.07E-04	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	8.35E-02	4.78E-08	3.78E-04	4.15E-03	0.00E+00	0.00E+00	2.24E-12	4.33E-11	3.11E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-05	4.47E-03	1.78E+00	0.00E+00	1.95E-10	6.57E-09	1.05E-03	3.19E-06	2.37E-03	0.00E+00	1.78E+00	5.02E-09	1.78E+00	1.78E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
	HMC480	1.09E-03	1.72E-01	0.00E+00	1.72E-01	0.00E+00	0.00E+00	1.13E-01	6.48E-08	5.12E-04	5.62E-03	0.00E+00	0.00E+00	3.03E-12	5.87E-11	4.20E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	6.06E-03	2.41E+00	0.00E+00	2.65E-10	8.89E-09	1.42E-03	4.32E-06	3.21E-03	0.00E+00	2.41E+00	6.80E-09	2.41E+00	2.41E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04
	HMC490	1.06E-03	1.67E-01	0.00E+00	1.67E-01	0.00E+00	0.00E+00	1.10E-01	6.28E-08	4.97E-04	5.46E-03	0.00E+00	0.00E+00	2.94E-12	5.70E-11	4.08E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-05	5.88E-03	2.34E+00	0.00E+00	2.57E-10	8.63E-09	1.38E-03	4.19E-06	3.12E-03	0.00E+00	2.34E+00	6.60E-09	2.34E+00	2.34E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
	HMC499	1.07E-03	1.69E-01	0.00E+00	1.69E-01	0.00E+00	0.00E+00	1.11E-01	6.37E-08	5.04E-04	5.53E-03	0.00E+00	0.00E+00	2.98E-12	5.77E-11	4.13E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-05	5.96E-03	2.37E+00	0.00E+00	2.60E-10	8.74E-09	1.39E-03	4.24E-06	3.16E-03	0.00E+00	2.37E+00	6.68E-09	2.37E+00	2.37E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
	HMD180	2.76E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.66E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.09E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
	HMD180T	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
	HMD190	2.77E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.67E-13	1.49E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.10E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
	HMD190T	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.61E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.52E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.56E-11	2.20E-09	3.52E-04	1.07E-06	7.97E-04	0.00E+00	5.97E-01	1.69E-09	5.97E-01	5.98E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
	HMD199	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.99E-02	1.71E-08	1.35E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.37E-01	0.00E+00	7.04E-11	2.35E-09	3.75E-04	1.15E-06	8.51E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
	HMD199T	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04

HMD280	5.07E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
HMD280T	5.07E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
HMD290	5.06E-04	8.03E-02	0.00E+00	8.03E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.37E-04	2.60E-03	0.00E+00	0.00E+00	1.41E-12	2.73E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-06	2.82E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
HMD290T	5.30E-04	8.36E-02	0.00E+00	8.36E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.47E-12	2.85E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.88E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.30E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
HMD299	5.30E-04	8.36E-02	0.00E+00	8.36E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.47E-12	2.85E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.88E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.30E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
HMD299T	5.08E-04	8.00E-02	0.00E+00	8.00E-02	0.00E+00	0.00E+00	5.25E-02	3.01E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.13E-09	6.58E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
HMD380T	8.17E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.45E-02	4.84E-08	3.83E-04	4.20E-03	0.00E+00	0.00E+00	2.27E-12	4.38E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.53E-03	1.80E+00	0.00E+00	1.98E-10	6.64E-09	1.06E-03	3.22E-06	2.40E-03	0.00E+00	1.80E+00	5.08E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04
HMD390T	8.49E-04	1.34E-01	0.00E+00	1.34E-01	0.00E+00	0.00E+00	8.78E-02	5.03E-08	3.98E-04	4.37E-03	0.00E+00	0.00E+00	2.36E-12	4.56E-11	3.27E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-05	4.71E-03	1.87E+00	0.00E+00	2.06E-10	6.91E-09	1.10E-03	3.35E-06	2.50E-03	0.00E+00	1.87E+00	5.28E-09	1.87E+00	1.87E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	5.09E-04
HMD399T	8.20E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.48E-02	4.86E-08	3.84E-04	4.22E-03	0.00E+00	0.00E+00	2.28E-12	4.40E-11	3.15E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-05	4.55E-03	1.81E+00	0.00E+00	1.99E-10	6.67E-09	1.06E-03	3.24E-06	2.41E-03	0.00E+00	1.81E+00	5.10E-09	1.81E+00	1.81E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	4.92E-04
HMF180	2.76E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.66E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.09E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
HMF180T	2.81E-04	4.42E-02	0.00E+00	4.42E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.31E-04	1.44E-03	0.00E+00	0.00E+00	7.78E-13	1.51E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.55E-03	6.18E-01	0.00E+00	6.79E-11	2.28E-09	3.64E-04	1.11E-06	8.25E-04	0.00E+00	6.18E-01	1.74E-09	6.18E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
HMF190	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
HMF190T	2.80E-04	4.41E-02	0.00E+00	4.41E-02	0.00E+00	0.00E+00	2.89E-02	1.66E-08	1.31E-04	1.44E-03	0.00E+00	0.00E+00	7.76E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-06	1.55E-03	6.16E-01	0.00E+00	6.77E-11	2.27E-09	3.63E-04	1.10E-06	8.22E-04	0.00E+00	6.16E-01	1.74E-09	6.16E-01	6.17E-01	8.22E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
HMF199	2.76E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.66E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.09E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
HMF199T	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
HMF280	5.07E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
HMF280T	5.34E-04	8.42E-02	0.00E+00	8.42E-02	0.00E+00	0.00E+00	5.53E-02	3.16E-08	2.50E-04	2.75E-03	0.00E+00	0.00E+00	1.48E-12	2.87E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.46E-06	2.96E-03	1.18E+00	0.00E+00	1.29E-10	4.34E-09	6.93E-04	2.11E-06	1.57E-03	0.00E+00	1.18E+00	3.32E-09	1.18E+00	1.18E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
HMF290	5.07E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
HMF290T	5.30E-04	8.34E-02	0.00E+00	8.34E-02	0.00E+00	0.00E+00	5.47E-02	3.13E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-06	2.93E-03	1.17E+00	0.00E+00	1.28E-10	4.30E-09	6.86E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.29E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
HMF299	5.30E-04	8.36E-02	0.00E+00	8.36E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.47E-12	2.85E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.88E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.30E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
HMF299T	5.07E-04	7.99E-02	0.00E+00	7.99E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-06	2.81E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
HMF380	8.16E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.44E-02	4.83E-08	3.82E-04	4.19E-03	0.00E+00	0.00E+00	2.26E-12	4.38E-11	3.14E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.52E-03	1.80E+00	0.00E+00	1.97E-10	6.63E-09	1.06E-03	3.22E-06	2.40E-03	0.00E+00	1.80E+00	5.07E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	4.89E-04
HMF380T	8.18E-04	1.29E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	8.46E-02	4.84E-08	3.83E-04	4.21E-03	0.00E+00	0.00E+00	2.27E-12	4.39E-11	3.15E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.53E-03	1.80E+00	0.00E+00	1.98E-10	6.65E-09	1.06E-03	3.23E-06	2.40E-03	0.00E+00	1.80E+00	5.08E-09	1.80E+00	1.80E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04
HMF390	8.29E-04	1.31E-01	0.00E+00	1.31E-01	0.00E+00	0.00E+00	8.58E-02	4.91E-08	3.89E-04	4.26E-03	0.00E+00	0.00E+00	2.30E-12	4.45E-11	3.19E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-05	4.60E-03	1.83E+00	0.00E+00	2.01E-10	6.74E-09	1.08E-03	3.27E-06	2.44E-03	0.00E+00	1.83E+00	5.15E-09	1.83E+00	1.83E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
HMF399T	8.14E-04	1.28E-01	0.00E+00	1.28E-01	0.00E+00	0.00E+00	8.42E-02	4.82E-08	3.82E-04	4.19E-03	0.00E+00	0.00E+00	2.26E-12	4.37E-11	3.13E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-05	4.51E-03	1.79E+00	0.00E+00	1.97E-10	6.62E-09	1.06E-03	3.21E-06	2.39E-03	0.00E+00	1.79E+00	5.06E-09	1.79E+00	1.80E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	4.88E-04
HMF480	1.09E-03	1.73E-01	0.00E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-01	6.48E-08	5.13E-04	5.63E-03	0.00E+00	0.00E+00	3.04E-12	5.87E-11	4.21E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-05	6.07E-03	2.41E+00	0.00E+00	2.65E-10	8.90E-09	1.42E-03	4.32E-06	3.22E-03	0.00E+00	2.41E+00	6.80E-09	2.41E+00	2.41E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	6.56E-04
HMF490	1.08E-03	1.71E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	1.12E-01	6.42E-08	5.08E-04	5.58E-03	0.00E+00	0.00E+00	3.01E-12	5.82E-11	4.17E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-05	6.01E-03	2.39E+00	0.00E+00	2.63E-10	8.82E-09	1.41E-03	4.28E-06	3.19E-03	0.00E+00	2.39E+00	6.74E-09	2.39E+00	2.39E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04
HMF499	1.08E-03	1.70E-01	0.00E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-01	6.37E-08	5.04E-04	5.53E-03	0.00E+00	0.00E+00	2.98E-12	5.77E-11	4.14E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-05	5.96E-03	2.37E+00	0.00E+00	2.60E-10	8.75E-09	1.39E-03	4.25E-06	3.16E-03	0.00E+00	2.37E+00	6.68E-09	2.37E+00	2.37E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	6.45E-04
HMX110	2.45E-04	3.86E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	2.53E-02	1.45E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.79E-13	1.31E-11	9.41E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.36E-03	5.39E-01	0.00E+00	5.93E-11	1.99E-09	3.18E-04	9.66E-07	7.20E-04	0.00E+00	5.39E-01	1.52E-09	5.39E-01	5.40E-01	7.20E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
HMX116	2.28E-04	3.59E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.35E-02	1.35E-08	1.07E-04	1.17E-03	0.00E+00	0.00E+00	6.32E-13	1.22E-11	8.75E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	1.26E-03	5.01E-01	0.00E+00	5.51E-11	1.85E-09	2.95E-04	8.99E-07	6.69E-04	0.00E+00	5.01E-01	1.41E-09	5.01E-01	5.02E-01	6.69E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
HMX120	2.28E-04	3.59E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.35E-02	1.35E-08	1.07E-04	1.17E-03	0.00E+00	0.00E+00	6.32E-13	1.22E-11	8.75E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	1.26E-03	5.01E-01	0.00E+00	5.51E-11	1.85E-09	2.95E-04	8.99E-07	6.69E-04	0.00E+00	5.01E-01	1.41E-09	5.01E-01	5.02E-01	6.69E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
HMX125	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
HMX132	2.43E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.74E-13	1.30E-11	9.34E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.35E-03	5.35E-01	0.00E+00	5.88E-11	1.97E-09	3.14E-04	9.58E-07	7.14E-04	0.00E+00	5.35E-01	1.51E-09	5.35E-01	5.35E-01	7.14E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
HMX150	2.49E-04	3.92E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.89E-13	1.33E-11	9.55E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	1.38E-03	5.47E-01	0.00E+00	6.01E-11	2.02E-09	3.22E-04	9.80E-07	7.30E-04	0.00E+00	5.47E-01	1.54E-09	5.47E-01	5.48E-01	7.30E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
HMX163	2.47E-04	3.90E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	2.56E-02	1.47E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.86E-13	1.33E-11	9.51E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	1.37E-03	5.45E-01	0.00E+00	5.99E-11	2.01E-09	3.22E-04	9.77E-07	7.27E-04	0.00E+00	5.45E-01	1.54E-09	5.45E-01	5.46E-01	7.27E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
HMX216	4.42E-04	6.98E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.45E-03	9.75E-01	0.00E+00	1.07E-10	3.60E-09	5.75E-04	1.75E-06	1.30E-03	0.00E+00	9.75E-01	2.75E-09	9.75E-01	9.76E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
HMX220	4.30E-04	6.78E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.45E-02	2.55E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.19E-12	2.31E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.38E-03	9.50E-01	0.00E+00	1.04E-10	3.50E-09	5.60E-04	1.70E-06	1.26E-03	0.00E+00	9.50E-01	2.68E-09	9.50E-01	9.48E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
HMX225	4.25E-04	6.71E-02	0.00E+00	6.71E-02	0.00E+00	0.00E+00	4.41E-02	2.52E-08	1.99E-04	2.18E-03	0.00E+00	0.00E+00	1.19E-12	2.28E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	5.95E-06	2.37E-03	9.38E-01	0.00E+00	1.04E-10	3.46E-09	5.51E-04	1.68E-06	1.25E-03	0.00E+00	9.38E-01	2.65E-09	9.38E-01	9.40E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
HMX232	4.42E-04	6.98E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.45E-03	9.75E-01	0.00E+00	1.07E-10	3.60E-09	5.75E-04	1.75E-06	1.30E-03	0.00E+00	9.75E-01	2.75E-09	9.75E-01	9.76E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
HMX240	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
HMX250	4.48E-04	7.12E-02	0.00E+00	7.12E-02	0.00E+00	0.00E+00	4.64E-02	2.67E-08	2.10E-04	2.31E-03	0.00E+00	0.00E+00	1.26E-12	2.42E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-06	2.51E-03	9.88E-01	0.00E+00	1.10E-10	3.65E-09	5.82E-04	1.78E-06	1.33E-03	0.00E+00	9.88E-01	2.79E-09	9.88E-01	9.95E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.71E-04
HMX263	4.43E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.46E-03	9.77E-01	0.00E+00	1.07E-10	3.60E-09	5.76E-04	1.75E-06	1.30E-03	0.00E+00	9.77E-01	2.76E-09	9.77E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
HMX310	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
HMX316	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
HMX320	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
HMX325	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
HMX332	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
HMX340	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
HMX350	5.82E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
HMX363	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
MA100Z	1.35E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.40E-02	7.99E-09	6.37E-05	6.98E-04	0.00E+00	0.00E+00	3.74E-13	7.26E-12	5.19E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.48E-04	2.98E-01	0.00E+00	3.27E-11	1.10E-09	1.76E-04	5.33E-07	3.97E-04	0.00E+00	2.98E-01	8.40E-10	2.98E-01	2.98E-01	3.97E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-05
MA101Z	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.14E-09	6.55E-05	7.18E-04	0.00E+00	0.00E+00	3.81E-13	7.49E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.07E-01	0.00E+00	3.33E-11	1.12E-09	1.81E-04	5.42E-07	4.04E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MA102Z	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.32E-09	6.57E-05	7.20E-04	0.00E+00	0.00E+00	3.90E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.78E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.54E-07	4.13E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
MA103Z	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.32E-09	6.57E-05	7.20E-04	0.00E+00	0.00E+00	3.90E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.78E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.54E-07	4.13E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
MA104Z	1.34E-04	2.11E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.38E-02	7.91E-09	6.26E-05	6.86E-04	0.00E+00	0.00E+00	3.70E-13	7.15E-12	5.13E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.39E-04	2.94E-01	0.00E+00	3.23E-11	1.09E-09	1.73E-04	5.27E-07	3.92E-04	0.00E+00	2.94E-01	8.28E-10	2.94E-01	2.95E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-05
MA106Z	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.24E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.77E-04	2.69E-01	0.00E+00	2.96E-11	9.94E-10	1.59E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MA110Z	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.23E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.59E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.69E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MA116Z	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.26E-09	5.76E-05	6.32E-04	0.00E+00	0.00E+00	3.40E-13	6.60E-12	4.72E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.80E-04	2.71E-01	0.00E+00	2.97E-11	9.97E-10	1.59E-04	4.84E-07	3.61E-04	0.00E+00	2.71E-01	7.64E-10	2.71E-01	2.71E-01	3.61E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05
MA120Z	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.94E-05	6.52E-04	0.00E+00	0.00E+00	3.54E-13	6.82E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.79E-01	0.00E+00	3.09E-11	1.04E-09	1.64E-04	5.03E-07	3.75E-04	0.00E+00	2.79E-01	7.88E-10	2.79E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-05
MA125Z	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.34E-02	7.68E-09	6.02E-05	6.61E-04	0.00E+00	0.00E+00	3.60E-13	6.91E-12	4.99E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.19E-04	2.83E-01	0.00E+00	3.14E-11	1.05E-09	1.67E-04	5.12E-07	3.81E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MA132Z	1.35E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.97E-09	6.36E-05	6.98E-04	0.00E+00	0.00E+00	3.73E-13	7.25E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.46E-04	2.97E-01	0.00E+00	3.26E-11	1.09E-09	1.76E-04	5.31E-07	3.95E-04	0.00E+00	2.97E-01	8.39E-10	2.97E-01	2.97E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-05
MA140Z	1.41E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.37E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.92E-13	7.54E-12	5.43E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.83E-04	3.10E-01	0.00E+00	3.42E-11	1.15E-09	1.82E-04	5.58E-07	4.15E-04	0.00E+00	3.10E-01	8.74E-10	3.10E-01	3.12E-01	4.15E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
MA150Z	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	8.92E-05
MA163Z	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	8.92E-05
MA200Z	2.78E-04	4.39E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-08	1.30E-04	1.43E-03	0.00E+00	0.00E+00	7.72E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.88E-06	1.54E-03	6.13E-01	0.00E+00	6.73E-11	2.26E-09	3.61E-04	1.10E-06	8.18E-04	0.00E+00	6.13E-01	1.73E-09	6.13E-01	6.14E-01	8.18E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MA201Z	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.99E-02	1.71E-08	1.35E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.37E-01	0.00E+00	7.04E-11	2.35E-09	3.75E-04	1.15E-06	8.51E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MA202Z	2.71E-04	4.30E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.74E-13	1.47E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.07E-01	0.00E+00	6.78E-11	2.20E-09	3.52E-04	1.11E-06	8.13E-04	0.00E+00	6.07E-01	1.71E-09	6.07E-01	6.07E-01	8.13E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MA203Z	2.71E-04	4.30E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.75E-13	1.47E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.08E-01	0.00E+00	6.79E-11	2.21E-09	3.53E-04	1.11E-06	8.14E-04	0.00E+00	6.08E-01	1.71E-09	6.08E-01	6.08E-01	8.14E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MA204Z	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MA206Z	2.42E-04	3.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.32E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.57E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
MA210Z	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MA216Z	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MA220Z	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MA225Z	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.59E-01	0.00E+00	6.15E-11	2.06E-09	3.28E-04	1.00E-06	7.47E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MA232Z	2.77E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.67E-13	1.49E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.10E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MA240Z	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MA250Z	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.08E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.05E-11	2.37E-09	3.77E-04	1.15E-06	8.56E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.56E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MA263Z	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.08E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.05E-11	2.37E-09	3.77E-04	1.15E-06	8.56E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.56E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MA300Z	4.26E-04	6.61E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.96E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-06	2.32E-03	9.19E-01	0.00E+00	1.01E-10	3.41E-09	5.41E-04	1.65E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MA301Z	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MA302Z	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-06	2.35E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04

MA303Z	4.15E-04	6.55E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.30E-02	2.46E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.30E-03	9.15E-01	0.00E+00	1.01E-10	3.38E-09	5.39E-04	1.64E-06	1.22E-03	0.00E+00	9.15E-01	2.58E-09	9.15E-01	9.16E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MA304Z	4.26E-04	6.61E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.96E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-06	2.32E-03	9.19E-01	0.00E+00	1.01E-10	3.41E-09	5.41E-04	1.65E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MA306Z	3.63E-04	5.72E-02	0.00E+00	5.72E-02	0.00E+00	0.00E+00	3.75E-02	2.15E-08	1.70E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.95E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.07E-06	2.01E-03	7.99E-01	0.00E+00	8.79E-11	2.95E-09	4.71E-04	1.43E-06	1.07E-03	0.00E+00	7.99E-01	2.26E-09	7.99E-01	8.01E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
MA310Z	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.05E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MA316Z	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	9.71E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.72E-01	0.00E+00	8.47E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.72E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MA320Z	3.71E-04	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.19E-01	0.00E+00	9.00E-11	3.01E-09	4.80E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MA325Z	3.83E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.43E-01	0.00E+00	9.26E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.43E-01	2.38E-09	8.43E-01	8.44E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MA332Z	4.39E-04	6.64E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.24E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.33E-03	9.21E-01	0.00E+00	1.02E-10	3.42E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.21E-01	2.60E-09	9.21E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MA340Z	4.39E-04	6.64E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.24E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.33E-03	9.21E-01	0.00E+00	1.02E-10	3.42E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.21E-01	2.60E-09	9.21E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MA350Z	4.51E-04	7.11E-02	0.00E+00	7.11E-02	0.00E+00	0.00E+00	4.66E-02	2.67E-08	2.10E-04	2.31E-03	0.00E+00	0.00E+00	1.25E-12	2.42E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-06	2.50E-03	9.91E-01	0.00E+00	1.09E-10	3.67E-09	5.82E-04	1.78E-06	1.33E-03	0.00E+00	9.91E-01	2.80E-09	9.91E-01	9.94E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MA363Z	4.46E-04	7.02E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.61E-02	2.64E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.24E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-06	2.47E-03	9.81E-01	0.00E+00	1.08E-10	3.62E-09	5.78E-04	1.76E-06	1.31E-03	0.00E+00	9.81E-01	2.77E-09	9.81E-01	9.83E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MA400Z	5.30E-04	8.35E-02	0.00E+00	8.35E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.87E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.29E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
MA401Z	5.43E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.01E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MA402Z	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MA403Z	5.30E-04	8.35E-02	0.00E+00	8.35E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.87E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.29E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
MA404Z	5.30E-04	8.35E-02	0.00E+00	8.35E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.87E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.29E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
MA406Z	4.84E-04	7.64E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	5.01E-02	2.87E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-06	2.69E-03	1.07E+00	0.00E+00	1.17E-10	3.94E-09	6.29E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MA416Z	4.84E-04	7.65E-02	0.00E+00	7.65E-02	0.00E+00	0.00E+00	5.02E-02	2.87E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.35E-12	2.61E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-06	2.69E-03	1.07E+00	0.00E+00	1.17E-10	3.94E-09	6.29E-04	1.92E-06	1.43E-03	0.00E+00	1.07E+00	3.02E-09	1.07E+00	1.07E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MA420Z	4.92E-04	8.21E-02	0.00E+00	8.21E-02	0.00E+00	0.00E+00	5.19E-02	3.04E-08	2.48E-04	2.81E-03	0.00E+00	0.00E+00	1.52E-12	2.81E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.97E-03	1.14E+00	0.00E+00	1.31E-10	4.60E-09	6.87E-04	2.04E-06	1.58E-03	0.00E+00	1.14E+00	3.26E-09	1.14E+00	1.14E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MA425Z	5.03E-04	8.24E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.36E-04	2.68E-03	0.00E+00	0.00E+00	1.45E-12	2.73E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-06	2.88E-03	1.12E+00	0.00E+00	1.25E-10	4.49E-09	7.00E-04	2.00E-06	1.52E-03	0.00E+00	1.12E+00	3.21E-09	1.12E+00	1.13E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
MA432Z	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MA440Z	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MA450Z	5.80E-04	9.15E-02	0.00E+00	9.15E-02	0.00E+00	0.00E+00	6.00E-02	3.44E-08	2.72E-04	2.99E-03	0.00E+00	0.00E+00	1.61E-12	3.12E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.72E-09	7.53E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.61E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
MA463Z	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.03E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.74E-09	7.56E-04	2.30E-06	1.71E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MB106A	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.24E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.77E-04	2.69E-01	0.00E+00	2.96E-11	9.94E-10	1.59E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MB110A	1.12E-04	1.77E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.23E-02	6.93E-09	5.21E-05	5.72E-04	0.00E+00	0.00E+00	3.33E-13	6.13E-12	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.76E-04	2.59E-01	0.00E+00	2.86E-11	9.08E-10	1.44E-04	4.74E-07	3.63E-04	0.00E+00	2.59E-01	7.28E-10	2.59E-01	2.60E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-05
MB113A	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.29E-02	7.40E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.46E-13	6.72E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.92E-04	2.76E-01	0.00E+00	3.02E-11	1.02E-09	1.62E-04	4.93E-07	3.67E-04	0.00E+00	2.76E-01	7.78E-10	2.76E-01	2.75E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MB116A	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.17E-02	6.65E-09	5.19E-05	5.69E-04	0.00E+00	0.00E+00	3.12E-13	5.99E-12	4.36E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.27E-04	2.46E-01	0.00E+00	2.71E-11	9.02E-10	1.44E-04	4.46E-07	3.34E-04	0.00E+00	2.46E-01	6.96E-10	2.46E-01	2.49E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
MB120A	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.14E-02	6.50E-09	5.15E-05	5.65E-04	0.00E+00	0.00E+00	3.05E-13	5.90E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.08E-04	2.42E-01	0.00E+00	2.66E-11	8.93E-10	1.42E-04	4.33E-07	3.23E-04	0.00E+00	2.42E-01	6.83E-10	2.42E-01	2.42E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
MB125A	1.28E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.61E-09	5.99E-05	6.58E-04	0.00E+00	0.00E+00	3.56E-13	6.87E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.12E-04	2.82E-01	0.00E+00	3.11E-11	1.04E-09	1.66E-04	5.07E-07	3.78E-04	0.00E+00	2.82E-01	7.96E-10	2.82E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MB132A	1.35E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.40E-02	7.99E-09	6.37E-05	6.98E-04	0.00E+00	0.00E+00	3.74E-13	7.26E-12	5.19E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.48E-04	2.98E-01	0.00E+00	3.27E-11	1.10E-09	1.76E-04	5.33E-07	3.97E-04	0.00E+00	2.98E-01	8.40E-10	2.98E-01	2.98E-01	3.97E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-05
MB140A	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.13E-09	6.55E-05	7.18E-04	0.00E+00	0.00E+00	3.81E-13	7.49E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.07E-01	0.00E+00	3.32E-11	1.12E-09	1.81E-04	5.42E-07	4.04E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MB150A	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	8.92E-05
MB163A	1.45E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	8.57E-09	6.80E-05	7.46E-04	0.00E+00	0.00E+00	4.01E-13	7.78E-12	5.56E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.02E-04	3.19E-01	0.00E+00	3.50E-11	1.18E-09	1.88E-04	5.71E-07	4.25E-04	0.00E+00	3.19E-01	9.00E-10	3.19E-01	3.19E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05
MB197	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.43E-09	5.88E-05	6.45E-04	0.00E+00	0.00E+00	3.48E-13	6.74E-12	4.83E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.96E-04	2.76E-01	0.00E+00	3.04E-11	1.02E-09	1.63E-04	4.96E-07	3.69E-04	0.00E+00	2.76E-01	7.80E-10	2.76E-01	2.77E-01	3.69E-04	0.00E+00	0.00E+00	0.00E+00	7.53E-05
MB199	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
MB206A	2.49E-04	3.91E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.88E-13	1.33E-11	9.54E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	1.37E-03	5.46E-01	0.00E+00	6.00E-11	2.02E-09	3.21E-04	9.79E-07	7.29E-04	0.00E+00	5.46E-01	1.54E-09	5.46E-01	5.47E-01	7.29E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
MB210A	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MB213A	2.52E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.60E-02	1.49E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	6.99E-13	1.35E-11	9.68E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.55E-01	0.00E+00	6.10E-11	2.05E-09	3.27E-04	9.94E-07	7.40E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.55E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MB216A	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.21E-04	1.62E-03	0.00E+00	0.00E+00	6.03E-13	1.18E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.26E-11	1.85E-09	3.78E-04	8.62E-07	6.42E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.85E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MB220A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.36E-11	9.72E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.57E-01	0.00E+00	6.11E-11	2.05E-09	3.28E-04	9.97E-07	7.43E-04	0.00E+00	5.57E-01	1.57E-09	5.57E-01	5.57E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MB225A	2.53E-04	3.99E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.04E-13	1.36E-11	9.76E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	1.41E-03	5.58E-01	0.00E+00	6.14E-11	2.06E-09	3.28E-04	1.00E-06	7.46E-04	0.00E+00	5.58E-01	1.58E-09	5.58E-01	5.59E-01	7.46E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MB232A	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.99E-02	1.70E-08	1.34E-04	1.48E-03	0.00E+00	0.00E+00	8.02E-13	1.54E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.33E-01	0.00E+00	7.03E-11	2.33E-09	3.72E-04	1.15E-06	8.46E-04	0.00E+00	6.33E-01	1.79E-09	6.33E-01	6.34E-01	8.46E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MB240A	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MB250A	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.45E-01	0.00E+00	7.09E-11	2.38E-09	3.79E-04	1.16E-06	8.61E-04	0.00E+00	6.45E-01	1.82E-09	6.45E-01	6.46E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MB263A	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.45E-01	0.00E+00	7.09E-11	2.38E-09	3.79E-04	1.16E-06	8.61E-04	0.00E+00	6.45E-01	1.82E-09	6.45E-01	6.46E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MB306A	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.05E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MB310A	3.66E-04	5.78E-02	0.00E+00	5.78E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.02E-12	1.96E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-06	2.03E-03	8.04E-01	0.00E+00	8.87E-11	2.98E-09	4.73E-04	1.45E-06	1.08E-03	0.00E+00	8.04E-01	2.27E-09	8.04E-01	8.08E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MB313A	3.80E-04	6.02E-02	0.00E+00	6.02E-02	0.00E+00	0.00E+00	3.94E-02	2.26E-08	1.78E-04	1.95E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.32E-06	2.11E-03	8.40E-01	0.00E+00	9.22E-11	3.09E-09	4.92E-04	1.50E-06	1.12E-03	0.00E+00	8.40E-01	2.37E-09	8.40E-01	8.41E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MB316A	3.32E-04	5.04E-02	0.00E+00	5.04E-02	0.00E+00	0.00E+00	3.36E-02	1.94E-08	1.49E-04	1.64E-03	0.00E+00	0.00E+00	9.11E-13	1.74E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.56E-06	1.81E-03	7.17E-01	0.00E+00	7.93E-11	2.59E-09	4.12E-04	1.30E-06	9.61E-04	0.00E+00	7.17E-01	2.02E-09	7.17E-01	7.11E-01	9.61E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-04
MB320A	3.76E-04	5.97E-02	0.00E+00	5.97E-02	0.00E+00	0.00E+00	3.92E-02	2.24E-08	1.76E-04	1.93E-03	0.00E+00	0.00E+00	1.05E-12	2.03E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.29E-06	2.10E-03	8.34E-01	0.00E+00	9.16E-11	3.05E-09	4.87E-04	1.49E-06	1.11E-03	0.00E+00	8.34E-01	2.35E-09	8.34E-01	8.35E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04
MB325A	3.83E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.43E-01	0.00E+00	9.26E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.43E-01	2.38E-09	8.43E-01	8.44E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MB332A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MB340A	4.08E-04	6.44E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	4.22E-02	2.42E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.13E-12	2.21E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.26E-03	9.05E-01	0.00E+00	9.89E-11	3.32E-09	5.34E-04	1.61E-06	1.20E-03	0.00E+00	9.05E-01	2.55E-09	9.05E-01	9.01E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
MB350A	4.45E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.62E-09	5.77E-04	1.76E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.81E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MB363A	4.38E-04	6.91E-02	0.00E+00	6.91E-02	0.00E+00	0.00E+00	4.53E-02	2.59E-08	2.04E-04	2.24E-03	0.00E+00	0.00E+00	1.22E-12	2.34E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.12E-06	2.43E-03	9.61E-01	0.00E+00	1.06E-10	3.56E-09	5.65E-04	1.73E-06	1.29E-03	0.00E+00	9.61E-01	2.71E-09	9.61E-01	9.66E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
MB406A	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.07E+00	0.00E+00	1.17E-10	3.92E-09	6.27E-04	1.90E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MB410A	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.07E+00	0.00E+00	1.17E-10	3.92E-09	6.27E-04	1.90E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MB413A	4.84E-04	7.90E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.09E-02	2.95E-08	2.44E-04	2.77E-03	0.00E+00	0.00E+00	1.47E-12	2.77E-11	2.01E-04	0.00E+00	0.00E+00	0.00E+00	7.27E-06	2.91E-03	1.12E+00	0.00E+00	1.27E-10	4.34E-09	6.77E-04	1.98E-06	1.55E-03	0.00E+00	1.12E+00	3.14E-09	1.12E+00	1.11E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MB416A	4.88E-04	7.70E-02	0.00E+00	7.70E-02	0.00E+00	0.00E+00	5.05E-02	2.89E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.36E-12	2.61E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.82E-06	2.71E-03	1.07E+00	0.00E+00	1.18E-10	3.97E-09	6.32E-04	1.93E-06	1.44E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MB420A	4.86E-04	8.14E-02	0.00E+00	8.14E-02	0.00E+00	0.00E+00	5.16E-02	3.02E-08	2.46E-04	2.79E-03	0.00E+00	0.00E+00	1.52E-12	2.78E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.96E-03	1.14E+00	0.00E+00	1.31E-10	4.56E-09	6.81E-04	2.03E-06	1.58E-03	0.00E+00	1.14E+00	3.24E-09	1.14E+00	1.13E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MB425A	5.03E-04	8.04E-02	0.00E+00	8.04E-02	0.00E+00	0.00E+00	5.21E-02	2.99E-08	2.36E-04	2.68E-03	0.00E+00	0.00E+00	1.43E-12	2.73E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-06	2.82E-03	1.11E+00	0.00E+00	1.24E-10	4.09E-09	6.76E-04	2.00E-06	1.50E-03	0.00E+00	1.11E+00	3.13E-09	1.11E+00	1.11E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
MB432A	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MB440A	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MB450A	5.80E-04	9.15E-02	0.00E+00	9.15E-02	0.00E+00	0.00E+00	6.00E-02	3.44E-08	2.72E-04	2.99E-03	0.00E+00	0.00E+00	1.61E-12	3.12E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.72E-09	7.53E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.61E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
MB463A	5.83E-04	9.19E-02	0.00E+00	9.19E-02	0.00E+00	0.00E+00	6.03E-02	3.45E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.14E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.74E-09	7.55E-04	2.30E-06	1.71E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.49E-04
MB506A	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MB510A	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MB513A	2.50E-04	3.94E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	2.58E-02	1.48E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.93E-13	1.34E-11	9.61E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	1.39E-03	5.50E-01	0.00E+00	6.05E-11	2.03E-09	3.24E-04	9.87E-07	7.35E-04	0.00E+00	5.50E-01	1.55E-09	5.50E-01	5.51E-01	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04
MB516A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MB520A	2.42E-04	3.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.32E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.57E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
MB525A	2.53E-04	3.99E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.04E-13	1.36E-11	9.76E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	1.41E-03	5.58E-01	0.00E+00	6.14E-11	2.06E-09	3.28E-04	1.00E-06	7.46E-04	0.00E+00	5.58E-01	1.57E-09	5.58E-01	5.59E-01	7.46E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MB532A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.63E-02	1.51E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.26E-13	1.37E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.43E-03	5.61E-01	0.00E+00	6.31E-11	2.05E-09	3.28E-04	1.02E-06	7.62E-04	0.00E+00	5.61E-01	1.58E-09	5.61E-01	5.62E-01	7.62E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
MB563A	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.04E-11	2.37E-09	3.76E-04	1.15E-06	8.55E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.55E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MBA150	1.35E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.98E-09	6.36E-05	6.98E-04	0.00E+00	0.00E+00	3.74E-13	7.26E-12	5.18E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.47E-04	2.97E-01	0.00E+00	3.26E-11	1.10E-09	1.76E-04	5.32E-07	3.96E-04	0.00E+00	2.97E-01	8.39E-10	2.97E-01	2.97E-01	3.96E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-05
MBA163	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.57E-04	0.00E+00	0.00E+00	3.54E-13	6.84E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.06E-04	2.81E-01	0.00E+00	3.08E-11	1.04E-09	1.66E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
MBA232	2.72E-04	4.28E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.81E-02	1.61E-08	1.28E-04	1.41E-03	0.00E+00	0.00E+00	7.53E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.50E-03	6.00E-01	0.00E+00	6.57E-11	2.21E-09	3.54E-04	1.07E-06	7.98E-04	0.00E+00	6.00E-01	1.69E-09	6.00E-01	5.99E-01	7.98E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MBN006	1.15E-04	1.81E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.19E-02	6.80E-09	5.39E-05	5.91E-04	0.00E+00	0.00E+00	3.19E-13	6.18E-12	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.36E-04	2.54E-01	0.00E+00	2.78E-11	9.34E-10	1.49E-04	4.53E-07	3.37E-04	0.00E+00	2.54E-01	7.16E-10	2.54E-01	2.53E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-05
MBN010	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.86E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.21E-13	6.20E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.42E-04	2.55E-01	0.00E+00	2.80E-11	9.42E-10	1.50E-04	4.57E-07	3.40E-04	0.00E+00	2.55E-01	7.18E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MBN013	1.18E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	6.96E-09	5.51E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.51E-04	2.59E-01	0.00E+00	2.84E-11	9.56E-10	1.52E-04	4.64E-07	3.45E-04	0.00E+00	2.59E-01	7.30E-10	2.59E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
MBN016	1.18E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	6.96E-09	5.51E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.51E-04	2.59E-01	0.00E+00	2.84E-11	9.56E-10	1.52E-04	4.64E-07	3.45E-04	0.00E+00	2.59E-01	7.30E-10	2.59E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05

MBN020	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.24E-09	5.72E-05	6.28E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.78E-04	2.69E-01	0.00E+00	2.96E-11	9.94E-10	1.58E-04	4.83E-07	3.59E-04	0.00E+00	2.69E-01	7.59E-10	2.69E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-05
MBN025	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.30E-02	7.47E-09	5.91E-05	6.48E-04	0.00E+00	0.00E+00	3.50E-13	6.78E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.99E-04	2.78E-01	0.00E+00	3.05E-11	1.03E-09	1.64E-04	4.98E-07	3.71E-04	0.00E+00	2.78E-01	7.84E-10	2.78E-01	2.78E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-05
MBN032	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.22E-09	6.56E-05	7.20E-04	0.00E+00	0.00E+00	3.85E-13	7.52E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.47E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MBN040	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.22E-09	6.56E-05	7.20E-04	0.00E+00	0.00E+00	3.85E-13	7.52E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.47E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MBN106	1.14E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.18E-02	6.73E-09	5.33E-05	5.84E-04	0.00E+00	0.00E+00	3.15E-13	6.10E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.30E-04	2.50E-01	0.00E+00	2.75E-11	9.24E-10	1.47E-04	4.49E-07	3.34E-04	0.00E+00	2.50E-01	7.06E-10	2.50E-01	2.51E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05
MBN106A	1.16E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.20E-02	6.85E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.21E-13	6.21E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.41E-04	2.55E-01	0.00E+00	2.80E-11	9.41E-10	1.50E-04	4.57E-07	3.40E-04	0.00E+00	2.55E-01	7.19E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MBN106E	1.14E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.17E-02	6.72E-09	5.32E-05	5.84E-04	0.00E+00	0.00E+00	3.15E-13	6.09E-12	4.37E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.29E-04	2.50E-01	0.00E+00	2.75E-11	9.23E-10	1.47E-04	4.48E-07	3.34E-04	0.00E+00	2.50E-01	7.06E-10	2.50E-01	2.50E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05
MBN106W	1.13E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.17E-02	6.72E-09	5.31E-05	5.83E-04	0.00E+00	0.00E+00	3.15E-13	6.08E-12	4.36E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.29E-04	2.50E-01	0.00E+00	2.75E-11	9.22E-10	1.47E-04	4.48E-07	3.33E-04	0.00E+00	2.50E-01	7.04E-10	2.50E-01	2.50E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-05
MBN110	1.06E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.09E-02	6.27E-09	4.96E-05	5.44E-04	0.00E+00	0.00E+00	2.94E-13	5.68E-12	4.07E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.86E-04	2.33E-01	0.00E+00	2.56E-11	8.60E-10	1.37E-04	4.18E-07	3.11E-04	0.00E+00	2.33E-01	6.58E-10	2.33E-01	2.33E-01	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-05
MBN110E	1.02E-03	2.93E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.75E-02	1.01E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	4.35E-13	9.71E-12	6.05E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-06	8.94E-04	3.70E-01	0.00E+00	3.81E-11	5.36E-09	6.77E-04	6.21E-07	4.74E-04	0.00E+00	3.70E-01	1.05E-09	3.70E-01	3.71E-01	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05
MBN110W	1.03E-03	2.95E-02	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.76E-02	1.01E-08	2.41E-04	2.64E-03	0.00E+00	0.00E+00	4.38E-13	9.76E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	8.99E-04	3.73E-01	0.00E+00	3.83E-11	5.39E-09	6.81E-04	6.24E-07	4.76E-04	0.00E+00	3.73E-01	1.05E-09	3.73E-01	3.73E-01	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-05
MBN113	1.11E-04	1.76E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.22E-02	6.91E-09	5.19E-05	5.70E-04	0.00E+00	0.00E+00	3.32E-13	6.11E-12	4.54E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.76E-04	2.58E-01	0.00E+00	2.86E-11	9.04E-10	1.44E-04	4.75E-07	3.63E-04	0.00E+00	2.58E-01	7.25E-10	2.58E-01	2.59E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-05
MBN113E	1.17E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.21E-02	6.96E-09	5.51E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.30E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.51E-04	2.59E-01	0.00E+00	2.84E-11	9.55E-10	1.52E-04	4.64E-07	3.45E-04	0.00E+00	2.59E-01	7.30E-10	2.59E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05
MBN116E	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.86E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.21E-13	6.20E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.42E-04	2.55E-01	0.00E+00	2.80E-11	9.42E-10	1.50E-04	4.57E-07	3.40E-04	0.00E+00	2.55E-01	7.18E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MBN116W	1.02E-03	2.94E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.76E-02	1.01E-08	2.41E-04	2.64E-03	0.00E+00	0.00E+00	4.37E-13	9.75E-12	6.08E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-06	8.97E-04	3.72E-01	0.00E+00	3.82E-11	5.38E-09	6.80E-04	6.23E-07	4.76E-04	0.00E+00	3.72E-01	1.05E-09	3.72E-01	3.72E-01	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05
MBN120	1.05E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.08E-02	6.20E-09	4.90E-05	5.38E-04	0.00E+00	0.00E+00	2.90E-13	5.62E-12	4.02E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.80E-04	2.30E-01	0.00E+00	2.53E-11	8.51E-10	1.36E-04	4.13E-07	3.07E-04	0.00E+00	2.30E-01	6.50E-10	2.30E-01	2.31E-01	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-05
MBN120E	1.21E-04	1.90E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.25E-02	7.15E-09	5.65E-05	6.20E-04	0.00E+00	0.00E+00	3.35E-13	6.47E-12	4.64E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.69E-04	2.65E-01	0.00E+00	2.92E-11	9.82E-10	1.56E-04	4.77E-07	3.55E-04	0.00E+00	2.65E-01	7.49E-10	2.65E-01	2.66E-01	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05
MBN125	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.11E-09	5.63E-05	6.18E-04	0.00E+00	0.00E+00	3.33E-13	6.45E-12	4.62E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.66E-04	2.65E-01	0.00E+00	2.91E-11	9.77E-10	1.56E-04	4.74E-07	3.53E-04	0.00E+00	2.65E-01	7.47E-10	2.65E-01	2.65E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-05
MBN125A	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.32E-09	5.83E-05	6.40E-04	0.00E+00	0.00E+00	3.43E-13	6.67E-12	4.75E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.85E-04	2.74E-01	0.00E+00	2.99E-11	1.01E-09	1.61E-04	4.88E-07	3.63E-04	0.00E+00	2.74E-01	7.73E-10	2.74E-01	2.73E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05
MBN125E	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.29E-02	7.37E-09	5.83E-05	6.40E-04	0.00E+00	0.00E+00	3.45E-13	6.68E-12	4.79E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.90E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.91E-07	3.66E-04	0.00E+00	2.74E-01	7.74E-10	2.74E-01	2.75E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05
MBN125W	1.20E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.24E-02	7.08E-09	5.63E-05	6.18E-04	0.00E+00	0.00E+00	3.32E-13	6.45E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.62E-04	2.65E-01	0.00E+00	2.89E-11	9.72E-10	1.56E-04	4.72E-07	3.51E-04	0.00E+00	2.65E-01	7.48E-10	2.65E-01	2.64E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05
MBN132	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.12E-09	6.42E-05	7.05E-04	0.00E+00	0.00E+00	3.80E-13	7.36E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.60E-04	3.02E-01	0.00E+00	3.32E-11	1.11E-09	1.78E-04	5.41E-07	4.03E-04	0.00E+00	3.02E-01	8.52E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05
MBN132A	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.28E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.88E-13	7.53E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.75E-04	3.09E-01	0.00E+00	3.38E-11	1.14E-09	1.82E-04	5.52E-07	4.11E-04	0.00E+00	3.09E-01	8.71E-10	3.09E-01	3.09E-01	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05
MBN132E	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.61E-05	7.25E-04	0.00E+00	0.00E+00	3.91E-13	7.57E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.56E-07	4.14E-04	0.00E+00	3.10E-01	8.76E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MBN132W	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.38E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.93E-13	7.56E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.84E-04	3.10E-01	0.00E+00	3.42E-11	1.15E-09	1.82E-04	5.59E-07	4.16E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MBN140	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.13E-09	6.42E-05	7.05E-04	0.00E+00	0.00E+00	3.81E-13	7.36E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.02E-01	0.00E+00	3.32E-11	1.12E-09	1.78E-04	5.42E-07	4.03E-04	0.00E+00	3.02E-01	8.53E-10	3.02E-01	3.03E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-05
MBN140A	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.31E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.89E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.78E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.54E-07	4.12E-04	0.00E+00	3.09E-01	8.72E-10	3.09E-01	3.10E-01	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05
MBN140E	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.91E-13	7.53E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.09E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05
MBN140W	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.38E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.93E-13	7.56E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.84E-04	3.10E-01	0.00E+00	3.43E-11	1.15E-09	1.82E-04	5.59E-07	4.16E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MBN150	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.47E-02	8.39E-09	6.65E-05	7.30E-04	0.00E+00	0.00E+00	3.93E-13	7.62E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.85E-04	3.13E-01	0.00E+00	3.43E-11	1.15E-09	1.84E-04	5.59E-07	4.16E-04	0.00E+00	3.13E-01	8.82E-10	3.13E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05
MBN150E	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.47E-02	8.39E-09	6.65E-05	7.30E-04	0.00E+00	0.00E+00	3.93E-13	7.62E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.86E-04	3.13E-01	0.00E+00	3.43E-11	1.15E-09	1.84E-04	5.60E-07	4.17E-04	0.00E+00	3.13E-01	8.83E-10	3.13E-01	3.13E-01	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05
MBN150W	1.44E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.52E-09	6.71E-05	7.36E-04	0.00E+00	0.00E+00	3.99E-13	7.69E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	7.97E-04	3.16E-01	0.00E+00	3.48E-11	1.17E-09	1.86E-04	5.68E-07	4.23E-04	0.00E+00	3.16E-01	8.91E-10	3.16E-01	3.17E-01	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-05
MBN163	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.47E-02	8.39E-09	6.65E-05	7.30E-04	0.00E+00	0.00E+00	3.93E-13	7.62E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.85E-04	3.13E-01	0.00E+00	3.43E-11	1.15E-09	1.84E-04	5.59E-07	4.16E-04	0.00E+00	3.13E-01	8.82E-10	3.13E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05
MBN163A	1.45E-04	2.30E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.51E-02	8.65E-09	7.06E-05	7.74E-04	0.00E+00	0.00E+00	4.05E-13	7.90E-12	5.61E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-06	8.09E-04	3.22E-01	0.00E+00	3.53E-11	1.18E-09	1.89E-04	5.76E-07	4.29E-04	0.00E+00	3.22E-01	9.09E-10	3.22E-01	3.22E-01	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-05
MBN163E	1.48E-04	2.33E-02	0.00E+00	2.33E-02	0.00E+00	0.00E+00	1.53E-02	8.75E-09	6.91E-05	7.59E-04	0.00E+00	0.00E+00	4.10E-13	7.92E-12	5.68E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	8.19E-04	3.25E-01	0.00E+00	3.58E-11	1.20E-09	1.91E-04	5.83E-07	4.34E-04	0.00E+00	3.25E-01	9.17E-10	3.25E-01	3.26E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-05
MBN163W	1.45E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.49E-02	8.56E-09	6.81E-05	7.48E-04	0.00E+00	0.00E+00	4.01E-13	7.79E-12	5.56E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.01E-04	3.19E-01	0.00E+00	3.50E-11	1.18E-09	1.89E-04	5.70E-07	4.25E-04	0.00E+00	3.19E-01	9.01E-10	3.19E-01	3.19E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05
MBN206	2.32E-04	3.65E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.40E-02	1.37E-08	1.08E-04	1.19E-03	0.00E+00	0.00E+00	6.43E-13	1.24E-11	8.91E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	1.28E-03	5.10E-01	0.00E+00	5.61E-11	1.88E-09	3.00E-04	9.15E-07	6.81E-04	0.00E+00	5.10E-01	1.44E-09	5.10E-01	5.11E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
MBN206E	2.29E-04	3.61E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	2.37E-02	1.36E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.36E-13	1.23E-11	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	1.27E-03	5.05E-01	0.00E+00	5.55E-11	1.86E-09	2.97E-04	9.04E-07	6.73E-04	0.00E+00	5.05E-01	1.42E-09	5.05E-01	5.05E-01	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
MBN210	2.23E-04	3.51E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.30E-02	1.32E-08	1.05E-04	1.15E-03	0.00E+00	0.00E+00	6.18E-13	1.20E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.23E-03	4.91E-01	0.00E+00	5.39E-11	1.81E-09	2.90E-04	8.80E-07	6.55E-04	0.00E+00	4.91E-01	1.39E-09	4.91E-01	4.91E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MBN210E	2.22E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.29E-02	1.31E-08	1.04E-04	1.14E-03	0.00E+00	0.00E+00	6.15E-13	1.19E-11	8.52E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	1.23E-03	4.88E-01	0.00E+00	5.37E-11	1.80E-09	2.87E-04	8.75E-07	6.52E-04	0.00E+00	4.88E-01	1.38E-09	4.88E-01	4.89E-01	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
MBN213	2.25E-04	3.55E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.33E-02	1.33E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.25E-13	1.21E-11	8.66E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	1.25E-03	4.96E-01	0.00E+00	5.45E-11	1.83E-09	2.93E-04	8.89E-07	6.62E-04	0.00E+00	4.96E-01	1.40E-09	4.96E-01	4.97E-01	6.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
MBN213E	2.43E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.74E-13	1.30E-11	9.34E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.35E-03	5.35E-01	0.00E+00	5.88E-11	1.97E-09	3.14E-04	9.58E-07	7.14E-04	0.00E+00	5.35E-01	1.51E-09	5.35E-01	5.35E-01	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MBN216	2.37E-04	3.73E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.45E-02	1.40E-08	1.11E-04	1.22E-03	0.00E+00	0.00E+00	6.57E-13	1.27E-11	9.10E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	1.31E-03	5.21E-01	0.00E+00	5.73E-11	1.93E-09	3.07E-04	9.34E-07	6.96E-04	0.00E+00	5.21E-01	1.47E-09	5.21E-01	5.22E-01	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MBN216A	2.51E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.18E-04	1.29E-03	0.00E+00	0.00E+00	7.23E-13	1.36E-11	9.99E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-06	1.43E-03	5.59E-01	0.00E+00	6.29E-11	2.05E-09	3.27E-04	1.02E-06	7.60E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MBN216E	2.34E-04	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.20E-03	0.00E+00	0.00E+00	6.49E-13	1.26E-11	9.00E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.15E-01	0.00E+00	5.66E-11	1.90E-09	3.03E-04	9.23E-07	6.88E-04	0.00E+00	5.15E-01	1.45E-09	5.15E-01	5.16E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MBN220	2.43E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.74E-13	1.30E-11	9.34E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.35E-03	5.35E-01	0.00E+00	5.88E-11	1.98E-09	3.15E-04	9.59E-07	7.14E-04	0.00E+00	5.35E-01	1.51E-09	5.35E-01	5.36E-01	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MBN220A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.63E-02	1.51E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.26E-13	1.37E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.43E-03	5.61E-01	0.00E+00	6.31E-11	2.05E-09	3.28E-04	1.02E-06	7.62E-04	0.00E+00	5.61E-01	1.58E-09	5.61E-01	5.62E-01	7.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
MBN220E	2.43E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.74E-13	1.30E-11	9.34E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.35E-03	5.35E-01	0.00E+00	5.88E-11	1.97E-09	3.15E-04	9.58E-07	7.14E-04	0.00E+00	5.35E-01	1.51E-09	5.35E-01	5.35E-01	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MBN225	2.49E-04	3.91E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.88E-13	1.33E-11	9.54E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	1.37E-03	5.46E-01	0.00E+00	6.00E-11	2.02E-09	3.21E-04	9.79E-07	7.29E-04	0.00E+00	5.46E-01	1.54E-09	5.46E-01	5.47E-01	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
MBN225A	2.55E-04	4.02E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.65E-02	1.52E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	7.29E-13	1.38E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.64E-06	1.44E-03	5.65E-01	0.00E+00	6.34E-11	2.07E-09	3.31E-04	1.03E-06	7.67E-04	0.00E+00	5.65E-01	1.59E-09	5.65E-01	5.66E-01	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
MBN225E	2.49E-04	3.91E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.88E-13	1.33E-11	9.54E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	1.37E-03	5.46E-01	0.00E+00	6.00E-11	2.02E-09	3.21E-04	9.79E-07	7.29E-04	0.00E+00	5.46E-01	1.54E-09	5.46E-01	5.47E-01	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
MBN232	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MBN232A	2.78E-04	4.39E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-08	1.30E-04	1.43E-03	0.00E+00	0.00E+00	7.72E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.88E-06	1.54E-03	6.13E-01	0.00E+00	6.73E-11	2.26E-09	3.61E-04	1.10E-06	8.18E-04	0.00E+00	6.13E-01	1.73E-09	6.13E-01	6.14E-01	8.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MBN232E	2.72E-04	4.28E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.81E-02	1.61E-08	1.28E-04	1.41E-03	0.00E+00	0.00E+00	7.53E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.50E-03	6.00E-01	0.00E+00	6.57E-11	2.21E-09	3.54E-04	1.07E-06	7.98E-04	0.00E+00	6.00E-01	1.69E-09	6.00E-01	5.99E-01	7.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MBN240	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MBN240A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MBN240E	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MBN250	2.91E-04	4.57E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	3.00E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.05E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.61E-03	6.39E-01	0.00E+00	7.02E-11	2.36E-09	3.75E-04	1.14E-06	8.53E-04	0.00E+00	6.39E-01	1.80E-09	6.39E-01	6.40E-01	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MBN250A	2.85E-04	4.50E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	2.95E-02	1.69E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.92E-13	1.53E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-06	1.58E-03	6.29E-01	0.00E+00	6.91E-11	2.32E-09	3.70E-04	1.13E-06	8.39E-04	0.00E+00	6.29E-01	1.77E-09	6.29E-01	6.30E-01	8.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
MBN250E	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.04E-11	2.37E-09	3.76E-04	1.15E-06	8.55E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MBN263	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.08E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.05E-11	2.37E-09	3.77E-04	1.15E-06	8.56E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MBN263A	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.97E-02	1.70E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	7.97E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-06	1.59E-03	6.32E-01	0.00E+00	6.95E-11	2.33E-09	3.72E-04	1.13E-06	8.44E-04	0.00E+00	6.32E-01	1.78E-09	6.32E-01	6.33E-01	8.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MBN263E	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.08E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.05E-11	2.37E-09	3.77E-04	1.15E-06	8.56E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MBN306	3.35E-04	5.27E-02	0.00E+00	5.27E-02	0.00E+00	0.00E+00	3.46E-02	1.98E-08	1.57E-04	1.72E-03	0.00E+00	0.00E+00	9.28E-13	1.80E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.67E-06	1.85E-03	7.38E-01	0.00E+00	8.10E-11	2.72E-09	4.35E-04	1.32E-06	9.83E-04	0.00E+00	7.38E-01	2.08E-09	7.38E-01	7.38E-01	9.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
MBN306A	3.46E-04	5.45E-02	0.00E+00	5.45E-02	0.00E+00	0.00E+00	3.58E-02	2.05E-08	1.62E-04	1.78E-03	0.00E+00	0.00E+00	9.60E-13	1.86E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.83E-06	1.92E-03	7.63E-01	0.00E+00	8.37E-11	2.81E-09	4.50E-04	1.37E-06	1.02E-03	0.00E+00	7.63E-01	2.15E-09	7.63E-01	7.63E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
MBN306E	3.42E-04	5.39E-02	0.00E+00	5.39E-02	0.00E+00	0.00E+00	3.54E-02	2.03E-08	1.60E-04	1.76E-03	0.00E+00	0.00E+00	9.49E-13	1.84E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.77E-06	1.90E-03	7.53E-01	0.00E+00	8.28E-11	2.78E-09	4.43E-04	1.35E-06	1.01E-03	0.00E+00	7.53E-01	2.13E-09	7.53E-01	7.54E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
MBN310	3.34E-04	5.26E-02	0.00E+00	5.26E-02	0.00E+00	0.00E+00	3.45E-02	1.98E-08	1.56E-04	1.72E-03	0.00E+00	0.00E+00	9.26E-13	1.79E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.85E-03	7.35E-01	0.00E+00	8.07E-11	2.71E-09	4.33E-04	1.32E-06	9.81E-04	0.00E+00	7.35E-01	2.07E-09	7.35E-01	7.36E-01	9.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MBN310A	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	9.71E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.72E-01	0.00E+00	8.47E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.72E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MBN310E	3.34E-04	5.26E-02	0.00E+00	5.26E-02	0.00E+00	0.00E+00	3.45E-02	1.98E-08	1.56E-04	1.72E-03	0.00E+00	0.00E+00	9.26E-13	1.79E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.85E-03	7.35E-01	0.00E+00	8.07E-11	2.71E-09	4.33E-04	1.32E-06	9.81E-04	0.00E+00	7.35E-01	2.07E-09	7.35E-01	7.36E-01	9.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MBN313	3.38E-04	5.33E-02	0.00E+00	5.33E-02	0.00E+00	0.00E+00	3.50E-02	2.00E-08	1.59E-04	1.74E-03	0.00E+00	0.00E+00	9.38E-13	1.82E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	4.72E-06	1.87E-03	7.46E-01	0.00E+00	8.19E-11	2.75E-09	4.40E-04	1.34E-06	9.94E-04	0.00E+00	7.46E-01	2.10E-09	7.46E-01	7.46E-01	9.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
MBN313E	3.53E-04	5.57E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	3.66E-02	2.09E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.81E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.78E-01	0.00E+00	8.56E-11	2.87E-09	4.58E-04	1.40E-06	1.04E-03	0.00E+00	7.78E-01	2.20E-09	7.78E-01	7.80E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MBN316	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.64E-04	1.80E-03	0.00E+00	0.00E+00	9.72E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.72E-01	0.00E+00	8.48E-11	2.85E-09	4.54E-04	1.38E-06	1.03E-03	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.73E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MBN316A	3.62E-04	5.71E-02	0.00E+00	5.71E-02	0.00E+00	0.00E+00	3.74E-02	2.14E-08	1.70E-04	1.86E-03	0.00E+00	0.00E+00	1.00E-12	1.94E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-06	2.01E-03	7.97E-01	0.00E+00	8.76E-11	2.94E-09	4.70E-04	1.43E-06	1.06E-03	0.00E+00	7.97E-01	2.25E-09	7.97E-01	7.98E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MBN316E	3.10E-04	4.89E-02	0.00E+00	4.89E-02	0.00E+00	0.00E+00	3.21E-02	1.84E-08	1.45E-04	1.59E-03	0.00E+00	0.00E+00	8.60E-13	1.66E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.33E-06	1.72E-03	6.83E-01	0.00E+00	7.50E-11	2.52E-09	4.02E-04	1.22E-06	9.11E-04	0.00E+00	6.83E-01	1.93E-09	6.83E-01	6.84E-01	9.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
MBN320	3.47E-04	5.47E-02	0.00E+00	5.47E-02	0.00E+00	0.00E+00	3.59E-02	2.06E-08	1.63E-04	1.78E-03	0.00E+00	0.00E+00	9.63E-13	1.86E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-06	1.92E-03	7.64E-01	0.00E+00	8.40E-11	2.82E-09	4.50E-04	1.37E-06	1.02E-03	0.00E+00	7.64E-01	2.16E-09	7.64E-01	7.65E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
MBN320A	3.64E-04	5.74E-02	0.00E+00	5.74E-02	0.00E+00	0.00E+00	3.77E-02	2.16E-08	1.70E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.95E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.08E-06	2.02E-03	8.02E-01	0.00E+00	8.81E-11	2.96E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.02E-01	2.26E-09	8.02E-01	8.03E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
MBN320E	3.66E-04	5.77E-02	0.00E+00	5.77E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.72E-04	1.88E-03	0.00E+00	0.00E+00	1.02E-12	1.96E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-06	2.03E-03	8.06E-01	0.00E+00	8.86E-11	2.98E-09	4.75E-04	1.44E-06	1.08E-03	0.00E+00	8.06E-01	2.27E-09	8.06E-01	8.07E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MBN325	3.66E-04	5.78E-02	0.00E+00	5.78E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.72E-04	1.88E-03	0.00E+00	0.00E+00	1.02E-12	1.97E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-06	2.03E-03	8.07E-01	0.00E+00	8.87E-11	2.98E-09	4.75E-04	1.45E-06	1.08E-03	0.00E+00	8.07E-01	2.28E-09	8.07E-01	8.08E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
MBN325A	3.71E-04	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.19E-01	0.00E+00	9.00E-11	3.01E-09	4.80E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MBN325E	3.62E-04	5.70E-02	0.00E+00	5.70E-02	0.00E+00	0.00E+00	3.74E-02	2.14E-08	1.70E-04	1.86E-03	0.00E+00	0.00E+00	1.00E-12	1.94E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-06	2.00E-03	7.97E-01	0.00E+00	8.75E-11	2.94E-09	4.69E-04	1.43E-06	1.06E-03	0.00E+00	7.97E-01	2.25E-09	7.97E-01	7.98E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MBN332	4.03E-04	6.35E-02	0.00E+00	6.35E-02	0.00E+00	0.00E+00	4.17E-02	2.39E-08	1.89E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.62E-06	2.23E-03	8.87E-01	0.00E+00	9.75E-11	3.28E-09	5.22E-04	1.59E-06	1.18E-03	0.00E+00	8.87E-01	2.50E-09	8.87E-01	8.88E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04

MBN332A	4.20E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.23E-01	0.00E+00	1.02E-10	3.42E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.23E-01	2.60E-09	9.23E-01	9.27E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MBN332E	3.95E-04	6.23E-02	0.00E+00	6.23E-02	0.00E+00	0.00E+00	4.09E-02	2.34E-08	1.85E-04	2.03E-03	0.00E+00	0.00E+00	1.10E-12	2.12E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-06	2.19E-03	8.70E-01	0.00E+00	9.56E-11	3.21E-09	5.12E-04	1.56E-06	1.16E-03	0.00E+00	8.70E-01	2.46E-09	8.70E-01	8.71E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MBN340	4.06E-04	6.40E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.20E-02	2.41E-08	1.90E-04	2.09E-03	0.00E+00	0.00E+00	1.13E-12	2.18E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-06	2.25E-03	8.95E-01	0.00E+00	9.83E-11	3.30E-09	5.27E-04	1.60E-06	1.19E-03	0.00E+00	8.95E-01	2.52E-09	8.95E-01	8.96E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.44E-04
MBN340A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MBN340E	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.11E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MBN350	4.43E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.46E-03	9.77E-01	0.00E+00	1.07E-10	3.60E-09	5.76E-04	1.75E-06	1.30E-03	0.00E+00	9.77E-01	2.76E-09	9.77E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MBN350A	4.45E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.62E-09	5.77E-04	1.76E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.81E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MBN350E	4.29E-04	6.77E-02	0.00E+00	6.77E-02	0.00E+00	0.00E+00	4.44E-02	2.54E-08	2.01E-04	2.21E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.99E-06	2.38E-03	9.45E-01	0.00E+00	1.04E-10	3.49E-09	5.57E-04	1.69E-06	1.26E-03	0.00E+00	9.45E-01	2.67E-09	9.45E-01	9.47E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MBN363	4.46E-04	7.02E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.61E-02	2.64E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.24E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-06	2.47E-03	9.81E-01	0.00E+00	1.08E-10	3.62E-09	5.78E-04	1.76E-06	1.31E-03	0.00E+00	9.81E-01	2.77E-09	9.81E-01	9.83E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MBN363A	4.30E-04	6.78E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.45E-02	2.55E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.19E-12	2.32E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.38E-03	9.50E-01	0.00E+00	1.04E-10	3.50E-09	5.60E-04	1.70E-06	1.26E-03	0.00E+00	9.50E-01	2.68E-09	9.50E-01	9.49E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MBN363E	4.40E-04	6.93E-02	0.00E+00	6.93E-02	0.00E+00	0.00E+00	4.55E-02	2.60E-08	2.06E-04	2.26E-03	0.00E+00	0.00E+00	1.22E-12	2.36E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.14E-06	2.44E-03	9.68E-01	0.00E+00	1.06E-10	3.58E-09	5.70E-04	1.74E-06	1.29E-03	0.00E+00	9.68E-01	2.73E-09	9.68E-01	9.70E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
MBN406	4.74E-04	7.47E-02	0.00E+00	7.47E-02	0.00E+00	0.00E+00	4.90E-02	2.81E-08	2.22E-04	2.44E-03	0.00E+00	0.00E+00	1.31E-12	2.54E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.63E-03	1.04E+00	0.00E+00	1.15E-10	3.85E-09	6.15E-04	1.87E-06	1.39E-03	0.00E+00	1.04E+00	2.95E-09	1.04E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MBN406E	4.46E-04	7.05E-02	0.00E+00	7.05E-02	0.00E+00	0.00E+00	4.65E-02	2.66E-08	2.09E-04	2.30E-03	0.00E+00	0.00E+00	1.27E-12	2.41E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-06	2.57E-03	9.99E-01	0.00E+00	1.12E-10	3.63E-09	5.79E-04	1.81E-06	1.37E-03	0.00E+00	9.99E-01	2.78E-09	9.99E-01	9.96E-01	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.75E-04
MBN410	4.71E-04	7.44E-02	0.00E+00	7.44E-02	0.00E+00	0.00E+00	4.88E-02	2.79E-08	2.21E-04	2.43E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.84E-09	6.12E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MBN410E	4.74E-04	7.47E-02	0.00E+00	7.47E-02	0.00E+00	0.00E+00	4.90E-02	2.81E-08	2.22E-04	2.44E-03	0.00E+00	0.00E+00	1.31E-12	2.54E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.63E-03	1.04E+00	0.00E+00	1.15E-10	3.85E-09	6.15E-04	1.87E-06	1.39E-03	0.00E+00	1.04E+00	2.95E-09	1.04E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MBN413	4.56E-04	7.20E-02	0.00E+00	7.20E-02	0.00E+00	0.00E+00	4.72E-02	2.70E-08	2.14E-04	2.35E-03	0.00E+00	0.00E+00	1.27E-12	2.45E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.37E-06	2.53E-03	1.01E+00	0.00E+00	1.10E-10	3.71E-09	5.92E-04	1.80E-06	1.34E-03	0.00E+00	1.01E+00	2.84E-09	1.01E+00	1.01E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.74E-04
MBN413E	4.74E-04	7.47E-02	0.00E+00	7.47E-02	0.00E+00	0.00E+00	4.90E-02	2.81E-08	2.22E-04	2.44E-03	0.00E+00	0.00E+00	1.31E-12	2.54E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.63E-03	1.04E+00	0.00E+00	1.15E-10	3.85E-09	6.15E-04	1.87E-06	1.39E-03	0.00E+00	1.04E+00	2.95E-09	1.04E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MBN416	4.82E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.07E+00	0.00E+00	1.17E-10	3.92E-09	6.27E-04	1.90E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MBN416E	4.71E-04	7.43E-02	0.00E+00	7.43E-02	0.00E+00	0.00E+00	4.87E-02	2.79E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.83E-09	6.11E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MBN420	4.91E-04	7.74E-02	0.00E+00	7.74E-02	0.00E+00	0.00E+00	5.08E-02	2.91E-08	2.30E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	3.99E-09	6.36E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.04E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
MBN420E	4.86E-04	7.66E-02	0.00E+00	7.66E-02	0.00E+00	0.00E+00	5.02E-02	2.88E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.35E-12	2.61E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-06	2.69E-03	1.07E+00	0.00E+00	1.18E-10	3.95E-09	6.31E-04	1.92E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.07E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MBN425	4.83E-04	7.62E-02	0.00E+00	7.62E-02	0.00E+00	0.00E+00	5.00E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-06	2.68E-03	1.07E+00	0.00E+00	1.17E-10	3.93E-09	6.28E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MBN425E	4.86E-04	7.66E-02	0.00E+00	7.66E-02	0.00E+00	0.00E+00	5.02E-02	2.88E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.35E-12	2.61E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-06	2.69E-03	1.07E+00	0.00E+00	1.18E-10	3.95E-09	6.30E-04	1.92E-06	1.43E-03	0.00E+00	1.07E+00	3.02E-09	1.07E+00	1.07E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MBN432	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MBN432E	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MBN440	5.45E-04	8.58E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	5.63E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.06E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MBN440E	5.52E-04	8.69E-02	0.00E+00	8.69E-02	0.00E+00	0.00E+00	5.70E-02	3.27E-08	2.58E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.96E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-06	3.06E-03	1.21E+00	0.00E+00	1.33E-10	4.48E-09	7.15E-04	2.18E-06	1.62E-03	0.00E+00	1.21E+00	3.43E-09	1.21E+00	1.22E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04
MBN450	5.76E-04	9.09E-02	0.00E+00	9.09E-02	0.00E+00	0.00E+00	5.96E-02	3.41E-08	2.70E-04	2.97E-03	0.00E+00	0.00E+00	1.60E-12	3.10E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-06	3.19E-03	1.27E+00	0.00E+00	1.39E-10	4.69E-09	7.48E-04	2.27E-06	1.69E-03	0.00E+00	1.27E+00	3.58E-09	1.27E+00	1.27E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MBN450E	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.04E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.75E-09	7.56E-04	2.30E-06	1.72E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MBN463	5.77E-04	9.10E-02	0.00E+00	9.10E-02	0.00E+00	0.00E+00	5.97E-02	3.42E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.60E-12	3.10E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-06	3.20E-03	1.27E+00	0.00E+00	1.40E-10	4.69E-09	7.49E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.59E-09	1.27E+00	1.27E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MBN463E	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.03E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.74E-09	7.56E-04	2.30E-06	1.71E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MBN506	2.29E-04	3.61E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	2.37E-02	1.36E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.36E-13	1.23E-11	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-06	1.27E-03	5.05E-01	0.00E+00	5.55E-11	1.86E-09	2.97E-04	9.05E-07	6.74E-04	0.00E+00	5.05E-01	1.42E-09	5.05E-01	5.05E-01	6.74E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
MBN506E	2.28E-04	3.60E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.36E-02	1.35E-08	1.07E-04	1.17E-03	0.00E+00	0.00E+00	6.33E-13	1.22E-11	8.77E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	1.26E-03	5.03E-01	0.00E+00	5.52E-11	1.86E-09	2.96E-04	9.01E-07	6.71E-04	0.00E+00	5.03E-01	1.42E-09	5.03E-01	5.03E-01	6.71E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
MBN510	2.23E-04	3.52E-02	0.00E+00	3.52E-02	0.00E+00	0.00E+00	2.31E-02	1.32E-08	1.05E-04	1.15E-03	0.00E+00	0.00E+00	6.19E-13	1.20E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.24E-03	4.91E-01	0.00E+00	5.40E-11	1.81E-09	2.90E-04	8.80E-07	6.55E-04	0.00E+00	4.91E-01	1.39E-09	4.91E-01	4.92E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MBN510E	2.23E-04	3.51E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.30E-02	1.32E-08	1.04E-04	1.15E-03	0.00E+00	0.00E+00	6.18E-13	1.20E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.23E-03	4.91E-01	0.00E+00	5.39E-11	1.81E-09	2.89E-04	8.79E-07	6.55E-04	0.00E+00	4.91E-01	1.38E-09	4.91E-01	4.91E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MBN513E	2.34E-04	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.20E-03	0.00E+00	0.00E+00	6.50E-13	1.26E-11	9.01E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.16E-01	0.00E+00	5.67E-11	1.90E-09	3.03E-04	9.24E-07	6.88E-04	0.00E+00	5.16E-01	1.46E-09	5.16E-01	5.16E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MBN516	2.18E-04	3.44E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.26E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.06E-13	1.17E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.21E-03	4.81E-01	0.00E+00	5.29E-11	1.78E-09	2.83E-04	8.62E-07	6.42E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MBN516E	2.34E-04	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.20E-03	0.00E+00	0.00E+00	6.49E-13	1.26E-11	9.00E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.15E-01	0.00E+00	5.66E-11	1.90E-09	3.03E-04	9.23E-07	6.88E-04	0.00E+00	5.15E-01	1.45E-09	5.15E-01	5.16E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MBN520	2.43E-04	3.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.75E-13	1.31E-11	9.36E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.35E-03	5.36E-01	0.00E+00	5.89E-11	1.98E-09	3.16E-04	9.61E-07	7.15E-04	0.00E+00	5.36E-01	1.51E-09	5.36E-01	5.37E-01	7.15E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MBN520E	2.44E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.45E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MBN525	2.47E-04	3.90E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	2.56E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.87E-13	1.33E-11	9.52E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	1.37E-03	5.45E-01	0.00E+00	5.99E-11	2.01E-09	3.22E-04	9.77E-07	7.28E-04	0.00E+00	5.45E-01	1.54E-09	5.45E-01	5.46E-01	7.28E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
MBN525E	2.46E-04	3.87E-02	0.00E+00	3.87E-02	0.00E+00	0.00E+00	2.54E-02	1.46E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.82E-13	1.32E-11	9.45E-05	0.00E+00	0.00E+00	0.00E+00	3.43E-06	1.36E-03	5.41E-01	0.00E+00	5.95E-11	2.00E-09	3.19E-04	9.70E-07	7.22E-04	0.00E+00	5.41E-01	1.53E-09	5.41E-01	5.42E-01	7.22E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MBN532	2.79E-04	4.41E-02	0.00E+00	4.41E-02	0.00E+00	0.00E+00	2.89E-02	1.65E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.75E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-06	1.55E-03	6.12E-01	0.00E+00	6.76E-11	2.27E-09	3.58E-04	1.10E-06	8.21E-04	0.00E+00	6.12E-01	1.73E-09	6.12E-01	6.16E-01	8.21E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MBN532E	2.83E-04	4.46E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.92E-02	1.67E-08	1.33E-04	1.45E-03	0.00E+00	0.00E+00	7.84E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.57E-03	6.23E-01	0.00E+00	6.84E-11	2.30E-09	3.67E-04	1.12E-06	8.31E-04	0.00E+00	6.23E-01	1.76E-09	6.23E-01	6.24E-01	8.31E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MBN540	2.78E-04	4.38E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	2.87E-02	1.64E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.70E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.54E-03	6.10E-01	0.00E+00	6.72E-11	2.26E-09	3.58E-04	1.10E-06	8.16E-04	0.00E+00	6.10E-01	1.72E-09	6.10E-01	6.12E-01	8.16E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MBN540E	2.83E-04	4.46E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.93E-02	1.68E-08	1.33E-04	1.46E-03	0.00E+00	0.00E+00	7.85E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.57E-03	6.24E-01	0.00E+00	6.85E-11	2.30E-09	3.67E-04	1.12E-06	8.32E-04	0.00E+00	6.24E-01	1.76E-09	6.24E-01	6.24E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MBN550	2.91E-04	4.57E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	3.00E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.05E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.61E-03	6.39E-01	0.00E+00	7.02E-11	2.36E-09	3.75E-04	1.14E-06	8.53E-04	0.00E+00	6.39E-01	1.80E-09	6.39E-01	6.40E-01	8.53E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MBN550E	2.86E-04	4.52E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	2.96E-02	1.70E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.95E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.00E-06	1.59E-03	6.31E-01	0.00E+00	6.93E-11	2.33E-09	3.71E-04	1.13E-06	8.42E-04	0.00E+00	6.31E-01	1.78E-09	6.31E-01	6.32E-01	8.42E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MBN563	2.88E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.97E-02	1.70E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	7.97E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-06	1.59E-03	6.33E-01	0.00E+00	6.95E-11	2.34E-09	3.73E-04	1.13E-06	8.44E-04	0.00E+00	6.33E-01	1.79E-09	6.33E-01	6.34E-01	8.44E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MBN563E	3.00E-04	4.73E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	3.10E-02	1.78E-08	1.41E-04	1.54E-03	0.00E+00	0.00E+00	8.32E-13	1.61E-11	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.19E-06	1.66E-03	6.60E-01	0.00E+00	7.26E-11	2.44E-09	3.89E-04	1.18E-06	8.81E-04	0.00E+00	6.60E-01	1.86E-09	6.60E-01	6.61E-01	8.81E-04	0.00E+00	0.00E+00	0.00E+00	1.80E-04
MBN606	4.51E-04	7.11E-02	0.00E+00	7.11E-02	0.00E+00	0.00E+00	4.66E-02	2.67E-08	2.11E-04	2.32E-03	0.00E+00	0.00E+00	1.25E-12	2.42E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.50E-03	9.93E-01	0.00E+00	1.09E-10	3.67E-09	5.85E-04	1.78E-06	1.33E-03	0.00E+00	9.93E-01	2.80E-09	9.93E-01	9.95E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MBN606E	4.62E-04	7.28E-02	0.00E+00	7.28E-02	0.00E+00	0.00E+00	4.78E-02	2.74E-08	2.16E-04	2.37E-03	0.00E+00	0.00E+00	1.28E-12	2.48E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-06	2.56E-03	1.02E+00	0.00E+00	1.12E-10	3.76E-09	5.99E-04	1.82E-06	1.36E-03	0.00E+00	1.02E+00	2.87E-09	1.02E+00	1.02E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MBN610	4.71E-04	7.42E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.87E-02	2.79E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.83E-09	6.11E-04	1.86E-06	1.38E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MBN610E	4.47E-04	7.04E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.62E-02	2.65E-08	2.09E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.48E-03	9.84E-01	0.00E+00	1.08E-10	3.63E-09	5.79E-04	1.76E-06	1.31E-03	0.00E+00	9.84E-01	2.78E-09	9.84E-01	9.85E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MBN613	4.82E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.07E+00	0.00E+00	1.17E-10	3.92E-09	6.27E-04	1.90E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MBN613E	4.76E-04	7.50E-02	0.00E+00	7.50E-02	0.00E+00	0.00E+00	4.92E-02	2.82E-08	2.23E-04	2.45E-03	0.00E+00	0.00E+00	1.32E-12	2.55E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.64E-03	1.05E+00	0.00E+00	1.15E-10	3.87E-09	6.17E-04	1.88E-06	1.40E-03	0.00E+00	1.05E+00	2.96E-09	1.05E+00	1.05E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MBN616	4.71E-04	7.43E-02	0.00E+00	7.43E-02	0.00E+00	0.00E+00	4.87E-02	2.79E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.83E-09	6.11E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MBN616E	4.75E-04	7.48E-02	0.00E+00	7.48E-02	0.00E+00	0.00E+00	4.91E-02	2.81E-08	2.22E-04	2.44E-03	0.00E+00	0.00E+00	1.32E-12	2.55E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.63E-03	1.05E+00	0.00E+00	1.15E-10	3.86E-09	6.15E-04	1.87E-06	1.39E-03	0.00E+00	1.05E+00	2.95E-09	1.05E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MBN620	4.82E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.07E+00	0.00E+00	1.17E-10	3.92E-09	6.27E-04	1.90E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MBN620E	4.88E-04	7.69E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.05E-02	2.89E-08	2.29E-04	2.51E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-06	2.70E-03	1.07E+00	0.00E+00	1.18E-10	3.97E-09	6.33E-04	1.93E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.08E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04
MBN625	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.07E+00	0.00E+00	1.17E-10	3.92E-09	6.27E-04	1.90E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MBN625E	4.82E-04	7.60E-02	0.00E+00	7.60E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.92E-09	6.25E-04	1.90E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
MBN632	5.52E-04	8.68E-02	0.00E+00	8.68E-02	0.00E+00	0.00E+00	5.69E-02	3.26E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.53E-12	2.95E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.48E-09	7.14E-04	2.17E-06	1.62E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.21E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
MBN632E	5.28E-04	8.33E-02	0.00E+00	8.33E-02	0.00E+00	0.00E+00	5.46E-02	3.13E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.93E-03	1.16E+00	0.00E+00	1.28E-10	4.29E-09	6.85E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.28E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
MBN640	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MBN640E	5.37E-04	8.47E-02	0.00E+00	8.47E-02	0.00E+00	0.00E+00	5.55E-02	3.18E-08	2.52E-04	2.76E-03	0.00E+00	0.00E+00	1.49E-12	2.88E-11	2.07E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-06	2.98E-03	1.18E+00	0.00E+00	1.30E-10	4.37E-09	6.97E-04	2.12E-06	1.58E-03	0.00E+00	1.18E+00	3.34E-09	1.18E+00	1.18E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.22E-04
MBN650	5.80E-04	9.15E-02	0.00E+00	9.15E-02	0.00E+00	0.00E+00	6.00E-02	3.44E-08	2.72E-04	2.99E-03	0.00E+00	0.00E+00	1.61E-12	3.12E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.72E-09	7.53E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.61E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
MBN650E	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MBN663	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.04E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.75E-09	7.56E-04	2.30E-06	1.72E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MBN663E	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MBS006C	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.14E-02	6.51E-09	5.16E-05	5.66E-04	0.00E+00	0.00E+00	3.05E-13	5.90E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.09E-04	2.42E-01	0.00E+00	2.66E-11	8.94E-10	1.43E-04	4.34E-07	3.23E-04	0.00E+00	2.42E-01	6.84E-10	2.42E-01	2.42E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05
MBS010C	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.16E-02	6.61E-09	5.19E-05	5.69E-04	0.00E+00	0.00E+00	3.09E-13	5.99E-12	4.32E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.21E-04	2.45E-01	0.00E+00	2.70E-11	9.02E-10	1.44E-04	4.44E-07	3.31E-04	0.00E+00	2.45E-01	6.92E-10	2.45E-01	2.46E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
MBS013C	1.10E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.52E-09	5.16E-05	5.66E-04	0.00E+00	0.00E+00	3.05E-13	5.90E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.10E-04	2.42E-01	0.00E+00	2.66E-11	8.95E-10	1.43E-04	4.35E-07	3.24E-04	0.00E+00	2.42E-01	6.84E-10	2.42E-01	2.43E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05
MBS016C	1.10E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.52E-09	5.16E-05	5.66E-04	0.00E+00	0.00E+00	3.05E-13	5.90E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.10E-04	2.42E-01	0.00E+00	2.66E-11	8.95E-10	1.43E-04	4.35E-07	3.24E-04	0.00E+00	2.42E-01	6.84E-10	2.42E-01	2.43E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05
MBS106	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.49E-09	5.14E-05	5.64E-04	0.00E+00	0.00E+00	3.04E-13	5.88E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.07E-04	2.41E-01	0.00E+00	2.65E-11	8.91E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.41E-01	6.81E-10	2.41E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-05
MBS110	1.01E-04	1.58E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.04E-02	5.95E-09	4.71E-05	5.17E-04	0.00E+00	0.00E+00	2.79E-13	5.40E-12	3.87E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.57E-04	2.21E-01	0.00E+00	2.43E-11	8.17E-10	1.30E-04	3.97E-07	2.95E-04	0.00E+00	2.21E-01	6.25E-10	2.21E-01	2.22E-01	2.95E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-05
MBS113	9.68E-05	1.53E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.00E-02	5.73E-09	4.54E-05	4.98E-04	0.00E+00	0.00E+00	2.69E-13	5.20E-12	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-06	5.36E-04	2.13E-01	0.00E+00	2.34E-11	7.87E-10	1.26E-04	3.82E-07	2.85E-04	0.00E+00	2.13E-01	6.02E-10	2.13E-01	2.13E-01	2.85E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05
MBS116	9.68E-05	1.53E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	1.00E-02	5.73E-09	4.54E-05	4.98E-04	0.00E+00	0.00E+00	2.69E-13	5.20E-12	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.35E-06	5.36E-04	2.13E-01	0.00E+00	2.34E-11	7.87E-10	1.26E-04	3.82E-07	2.85E-04	0.00E+00	2.13E-01	6.02E-10	2.13E-01	2.13E-01	2.85E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-05
MBS120	9.76E-05	1.54E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.01E-02	5.78E-09	4.58E-05	5.02E-04	0.00E+00	0.00E+00	2.71E-13	5.24E-12	3.75E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-06	5.41E-04	2.15E-01	0.00E+00	2.36E-11	7.94E-10	1.27E-04	3.85E-07	2.87E-04	0.00E+00	2.15E-01	6.07E-10	2.15E-01	2.15E-01	2.87E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-05
MBS120W	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.23E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.59E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.69E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MBS125	1.27E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.53E-09	5.96E-05	6.54E-04	0.00E+00	0.00E+00	3.53E-13	6.82E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.04E-04	2.80E-01	0.00E+00	3.08E-11	1.03E-09	1.65E-04	5.02E-07	3.74E-04	0.00E+00	2.80E-01	7.90E-10	2.80E-01	2.80E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-05

MBS132	1.43E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.95E-09	6.29E-05	6.90E-04	0.00E+00	0.00E+00	3.73E-13	7.21E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.96E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.95E-04	0.00E+00	2.96E-01	8.35E-10	2.96E-01	2.96E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-05
MBS140	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.42E-09	6.67E-05	7.31E-04	0.00E+00	0.00E+00	3.95E-13	7.63E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.88E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.84E-10	3.13E-01	3.14E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05
MBS150	1.55E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.50E-02	8.61E-09	6.82E-05	7.48E-04	0.00E+00	0.00E+00	4.04E-13	7.81E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.06E-04	3.20E-01	0.00E+00	3.52E-11	1.18E-09	1.89E-04	5.74E-07	4.27E-04	0.00E+00	3.20E-01	9.04E-10	3.20E-01	3.21E-01	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-05
MBS163	1.55E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.50E-02	8.61E-09	6.82E-05	7.48E-04	0.00E+00	0.00E+00	4.04E-13	7.81E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.06E-04	3.20E-01	0.00E+00	3.52E-11	1.18E-09	1.89E-04	5.74E-07	4.27E-04	0.00E+00	3.20E-01	9.04E-10	3.20E-01	3.21E-01	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-05
MBS206C	2.17E-04	3.47E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.81E-01	0.00E+00	5.26E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MBS210C	2.17E-04	3.47E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.81E-01	0.00E+00	5.26E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MBS210E	2.21E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.28E-02	1.31E-08	1.07E-04	1.38E-03	0.00E+00	0.00E+00	6.12E-13	1.18E-11	8.48E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.85E-01	0.00E+00	5.33E-11	1.79E-09	3.39E-04	8.70E-07	6.48E-04	0.00E+00	4.85E-01	1.37E-09	4.85E-01	4.89E-01	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MBS213C	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.17E-04	1.58E-03	0.00E+00	0.00E+00	6.04E-13	1.18E-11	8.41E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.27E-11	1.86E-09	3.79E-04	8.63E-07	6.43E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.86E-01	6.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MBS216C	2.20E-04	3.49E-02	0.00E+00	3.49E-02	0.00E+00	0.00E+00	2.27E-02	1.31E-08	1.07E-04	1.38E-03	0.00E+00	0.00E+00	6.10E-13	1.18E-11	8.45E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-06	1.22E-03	4.84E-01	0.00E+00	5.32E-11	1.79E-09	3.38E-04	8.68E-07	6.46E-04	0.00E+00	4.84E-01	1.37E-09	4.84E-01	4.87E-01	6.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MBS216E	2.27E-04	3.58E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	2.35E-02	1.34E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.30E-13	1.22E-11	8.73E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-06	1.26E-03	5.00E-01	0.00E+00	5.49E-11	1.85E-09	2.94E-04	8.96E-07	6.67E-04	0.00E+00	5.00E-01	1.41E-09	5.00E-01	5.01E-01	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
MBS220E	2.28E-04	3.59E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.35E-02	1.35E-08	1.06E-04	1.17E-03	0.00E+00	0.00E+00	6.31E-13	1.22E-11	8.75E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-06	1.26E-03	5.01E-01	0.00E+00	5.51E-11	1.85E-09	2.94E-04	8.98E-07	6.69E-04	0.00E+00	5.01E-01	1.41E-09	5.01E-01	5.02E-01	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
MBS225E	2.50E-04	3.94E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	2.58E-02	1.48E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.93E-13	1.34E-11	9.61E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	1.39E-03	5.50E-01	0.00E+00	6.05E-11	2.03E-09	3.24E-04	9.87E-07	7.35E-04	0.00E+00	5.50E-01	1.55E-09	5.50E-01	5.51E-01	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
MBS232E	2.71E-04	4.29E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.70E-13	1.46E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.54E-03	6.06E-01	0.00E+00	6.75E-11	2.20E-09	3.52E-04	1.10E-06	8.11E-04	0.00E+00	6.06E-01	1.71E-09	6.06E-01	6.06E-01	8.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MBS263E	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.45E-01	0.00E+00	7.09E-11	2.38E-09	3.79E-04	1.16E-06	8.61E-04	0.00E+00	6.45E-01	1.82E-09	6.45E-01	6.46E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MBS306	3.25E-04	5.13E-02	0.00E+00	5.13E-02	0.00E+00	0.00E+00	3.36E-02	1.93E-08	1.52E-04	1.67E-03	0.00E+00	0.00E+00	9.02E-13	1.75E-11	1.25E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-06	1.80E-03	7.16E-01	0.00E+00	7.87E-11	2.64E-09	4.22E-04	1.28E-06	9.56E-04	0.00E+00	7.16E-01	2.02E-09	7.16E-01	7.17E-01	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
MBS310	3.15E-04	4.97E-02	0.00E+00	4.97E-02	0.00E+00	0.00E+00	3.26E-02	1.87E-08	1.48E-04	1.62E-03	0.00E+00	0.00E+00	8.75E-13	1.69E-11	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-06	1.75E-03	6.94E-01	0.00E+00	7.63E-11	2.56E-09	4.09E-04	1.24E-06	9.27E-04	0.00E+00	6.94E-01	1.96E-09	6.94E-01	6.95E-01	9.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
MBS310C	3.33E-04	5.06E-02	0.00E+00	5.06E-02	0.00E+00	0.00E+00	3.38E-02	1.94E-08	1.50E-04	1.64E-03	0.00E+00	0.00E+00	9.13E-13	1.74E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.81E-03	7.20E-01	0.00E+00	7.94E-11	2.60E-09	4.14E-04	1.30E-06	9.63E-04	0.00E+00	7.20E-01	2.03E-09	7.20E-01	7.13E-01	9.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
MBS313	3.24E-04	5.10E-02	0.00E+00	5.10E-02	0.00E+00	0.00E+00	3.35E-02	1.92E-08	1.52E-04	1.66E-03	0.00E+00	0.00E+00	8.98E-13	1.74E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.52E-06	1.79E-03	7.13E-01	0.00E+00	7.83E-11	2.63E-09	4.20E-04	1.28E-06	9.51E-04	0.00E+00	7.13E-01	2.01E-09	7.13E-01	7.14E-01	9.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MBS313C	3.66E-04	5.15E-02	0.00E+00	5.15E-02	0.00E+00	0.00E+00	3.42E-02	1.97E-08	1.53E-04	1.74E-03	0.00E+00	0.00E+00	9.26E-13	1.77E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.61E-06	1.84E-03	7.26E-01	0.00E+00	8.02E-11	2.65E-09	4.39E-04	1.32E-06	9.72E-04	0.00E+00	7.26E-01	2.05E-09	7.26E-01	7.23E-01	9.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
MBS316	2.90E-04	4.58E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.00E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.06E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.61E-03	6.40E-01	0.00E+00	7.03E-11	2.36E-09	3.77E-04	1.15E-06	8.54E-04	0.00E+00	6.40E-01	1.80E-09	6.40E-01	6.40E-01	8.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MBS316C	3.66E-04	5.15E-02	0.00E+00	5.15E-02	0.00E+00	0.00E+00	3.42E-02	1.97E-08	1.53E-04	1.74E-03	0.00E+00	0.00E+00	9.26E-13	1.77E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.63E-06	1.84E-03	7.30E-01	0.00E+00	8.05E-11	2.65E-09	4.39E-04	1.32E-06	9.76E-04	0.00E+00	7.30E-01	2.06E-09	7.30E-01	7.23E-01	9.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MBS320	3.46E-04	5.46E-02	0.00E+00	5.46E-02	0.00E+00	0.00E+00	3.58E-02	2.05E-08	1.62E-04	1.78E-03	0.00E+00	0.00E+00	9.61E-13	1.86E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-06	1.92E-03	7.63E-01	0.00E+00	8.39E-11	2.82E-09	4.49E-04	1.37E-06	1.02E-03	0.00E+00	7.63E-01	2.15E-09	7.63E-01	7.64E-01	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
MBS320W	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.05E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MBS325	3.80E-04	6.00E-02	0.00E+00	6.00E-02	0.00E+00	0.00E+00	3.93E-02	2.25E-08	1.78E-04	1.96E-03	0.00E+00	0.00E+00	1.06E-12	2.04E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.11E-03	8.38E-01	0.00E+00	9.21E-11	3.09E-09	4.93E-04	1.50E-06	1.12E-03	0.00E+00	8.38E-01	2.36E-09	8.38E-01	8.39E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MBS332	4.22E-04	6.65E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	4.36E-02	2.50E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.17E-12	2.26E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.89E-06	2.34E-03	9.29E-01	0.00E+00	1.02E-10	3.43E-09	5.47E-04	1.66E-06	1.24E-03	0.00E+00	9.29E-01	2.62E-09	9.29E-01	9.30E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
MBS340	4.32E-04	6.39E-02	0.00E+00	6.39E-02	0.00E+00	0.00E+00	4.19E-02	2.40E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.12E-12	2.17E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.25E-03	8.92E-01	0.00E+00	9.80E-11	3.29E-09	5.25E-04	1.60E-06	1.19E-03	0.00E+00	8.92E-01	2.52E-09	8.92E-01	8.93E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MBS350	4.32E-04	6.81E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.39E-03	9.51E-01	0.00E+00	1.05E-10	3.51E-09	5.60E-04	1.70E-06	1.27E-03	0.00E+00	9.51E-01	2.68E-09	9.51E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MBS363	4.60E-04	6.81E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.39E-03	9.51E-01	0.00E+00	1.05E-10	3.51E-09	5.60E-04	1.70E-06	1.27E-03	0.00E+00	9.51E-01	2.68E-09	9.51E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MBS506	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.21E-04	1.62E-03	0.00E+00	0.00E+00	6.04E-13	1.18E-11	8.41E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.27E-11	1.86E-09	3.79E-04	8.63E-07	6.43E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.86E-01	6.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MBS506E	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.21E-04	1.62E-03	0.00E+00	0.00E+00	6.03E-13	1.18E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.26E-11	1.85E-09	3.78E-04	8.62E-07	6.42E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.85E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MBS510	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.21E-04	1.62E-03	0.00E+00	0.00E+00	6.03E-13	1.18E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.26E-11	1.85E-09	3.79E-04	8.62E-07	6.42E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.85E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MBS510E	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.21E-04	1.61E-03	0.00E+00	0.00E+00	6.03E-13	1.18E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.26E-11	1.85E-09	3.78E-04	8.62E-07	6.42E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.85E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MBS513	2.21E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.28E-02	1.31E-08	1.07E-04	1.38E-03	0.00E+00	0.00E+00	6.12E-13	1.18E-11	8.48E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.85E-01	0.00E+00	5.33E-11	1.79E-09	3.39E-04	8.70E-07	6.48E-04	0.00E+00	4.85E-01	1.37E-09	4.85E-01	4.89E-01	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MBS516	2.21E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.28E-02	1.31E-08	1.03E-04	1.13E-03	0.00E+00	0.00E+00	6.12E-13	1.18E-11	8.48E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.85E-01	0.00E+00	5.33E-11	1.79E-09	2.85E-04	8.70E-07	6.48E-04	0.00E+00	4.85E-01	1.37E-09	4.85E-01	4.86E-01	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MBS516E	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.21E-04	1.62E-03	0.00E+00	0.00E+00	6.03E-13	1.18E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.26E-11	1.85E-09	3.78E-04	8.62E-07	6.42E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.85E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MBS520	2.30E-04	3.62E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	2.38E-02	1.36E-08	1.07E-04	1.18E-03	0.00E+00	0.00E+00	6.38E-13	1.23E-11	8.84E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	1.27E-03	5.06E-01	0.00E+00	5.56E-11	1.87E-09	2.97E-04	9.07E-07	6.75E-04	0.00E+00	5.06E-01	1.43E-09	5.06E-01	5.07E-01	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
MBS520E	2.23E-04	3.51E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.30E-02	1.32E-08	1.05E-04	1.15E-03	0.00E+00	0.00E+00	6.18E-13	1.20E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.23E-03	4.91E-01	0.00E+00	5.39E-11	1.81E-09	2.90E-04	8.80E-07	6.55E-04	0.00E+00	4.91E-01	1.39E-09	4.91E-01	4.91E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MBS525	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MBS525E	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MBS532	2.71E-04	4.28E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.80E-02	1.61E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.52E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.50E-03	5.97E-01	0.00E+00	6.56E-11	2.21E-09	3.52E-04	1.07E-06	7.97E-04	0.00E+00	5.97E-01	1.69E-09	5.97E-01	5.98E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MBS532E	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.99E-02	1.70E-08	1.34E-04	1.48E-03	0.00E+00	0.00E+00	8.02E-13	1.54E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.33E-01	0.00E+00	7.03E-11	2.33E-09	3.72E-04	1.15E-06	8.46E-04	0.00E+00	6.33E-01	1.79E-09	6.33E-01	6.34E-01	8.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MBS540E	2.71E-04	4.30E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.74E-13	1.47E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.07E-01	0.00E+00	6.78E-11	2.20E-09	3.52E-04	1.11E-06	8.13E-04	0.00E+00	6.07E-01	1.71E-09	6.07E-01	6.07E-01	8.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MBS550E	2.82E-04	4.46E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.93E-02	1.68E-08	1.33E-04	1.45E-03	0.00E+00	0.00E+00	7.85E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.57E-03	6.23E-01	0.00E+00	6.85E-11	2.30E-09	3.67E-04	1.12E-06	8.32E-04	0.00E+00	6.23E-01	1.76E-09	6.23E-01	6.24E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MBS563E	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.45E-01	0.00E+00	7.09E-11	2.38E-09	3.79E-04	1.16E-06	8.61E-04	0.00E+00	6.45E-01	1.82E-09	6.45E-01	6.46E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MBS606	4.44E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.61E-09	5.77E-04	1.75E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.80E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MBS606E	4.39E-04	6.92E-02	0.00E+00	6.92E-02	0.00E+00	0.00E+00	4.54E-02	2.60E-08	2.06E-04	2.26E-03	0.00E+00	0.00E+00	1.22E-12	2.36E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-06	2.43E-03	9.67E-01	0.00E+00	1.06E-10	3.57E-09	5.70E-04	1.73E-06	1.29E-03	0.00E+00	9.67E-01	2.73E-09	9.67E-01	9.69E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
MBS610	4.44E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.61E-09	5.77E-04	1.75E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.80E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MBS610E	4.56E-04	7.18E-02	0.00E+00	7.18E-02	0.00E+00	0.00E+00	4.71E-02	2.70E-08	2.14E-04	2.34E-03	0.00E+00	0.00E+00	1.26E-12	2.45E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.36E-06	2.52E-03	1.00E+00	0.00E+00	1.10E-10	3.70E-09	5.91E-04	1.80E-06	1.34E-03	0.00E+00	1.00E+00	2.83E-09	1.00E+00	1.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
MBS613	4.45E-04	7.02E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.61E-02	2.64E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.24E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-06	2.47E-03	9.81E-01	0.00E+00	1.08E-10	3.62E-09	5.78E-04	1.76E-06	1.31E-03	0.00E+00	9.81E-01	2.77E-09	9.81E-01	9.82E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MBS616	4.32E-04	6.81E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.39E-03	9.51E-01	0.00E+00	1.05E-10	3.51E-09	5.60E-04	1.70E-06	1.27E-03	0.00E+00	9.51E-01	2.68E-09	9.51E-01	9.52E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MBS616E	4.60E-04	7.25E-02	0.00E+00	7.25E-02	0.00E+00	0.00E+00	4.76E-02	2.72E-08	2.16E-04	2.37E-03	0.00E+00	0.00E+00	1.28E-12	2.47E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-06	2.55E-03	1.01E+00	0.00E+00	1.11E-10	3.74E-09	5.97E-04	1.82E-06	1.35E-03	0.00E+00	1.01E+00	2.86E-09	1.01E+00	1.01E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MBS620	4.54E-04	7.38E-02	0.00E+00	7.38E-02	0.00E+00	0.00E+00	4.76E-02	2.78E-08	2.13E-04	2.34E-03	0.00E+00	0.00E+00	1.38E-12	2.52E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-06	2.70E-03	1.04E+00	0.00E+00	1.17E-10	3.70E-09	5.90E-04	1.89E-06	1.45E-03	0.00E+00	1.04E+00	2.83E-09	1.04E+00	1.04E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
MBS620E	4.66E-04	7.35E-02	0.00E+00	7.35E-02	0.00E+00	0.00E+00	4.82E-02	2.76E-08	2.18E-04	2.40E-03	0.00E+00	0.00E+00	1.29E-12	2.50E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.51E-06	2.58E-03	1.03E+00	0.00E+00	1.13E-10	3.79E-09	6.04E-04	1.84E-06	1.37E-03	0.00E+00	1.03E+00	2.90E-09	1.03E+00	1.03E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
MBS625	4.84E-04	7.83E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.07E-02	2.93E-08	2.44E-04	2.77E-03	0.00E+00	0.00E+00	1.45E-12	2.75E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.87E-03	1.12E+00	0.00E+00	1.26E-10	4.34E-09	6.77E-04	1.98E-06	1.54E-03	0.00E+00	1.12E+00	3.13E-09	1.12E+00	1.11E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
MBS625E	4.98E-04	7.86E-02	0.00E+00	7.86E-02	0.00E+00	0.00E+00	5.15E-02	2.95E-08	2.34E-04	2.56E-03	0.00E+00	0.00E+00	1.38E-12	2.68E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	2.76E-03	1.10E+00	0.00E+00	1.21E-10	4.05E-09	6.46E-04	1.97E-06	1.46E-03	0.00E+00	1.10E+00	3.10E-09	1.10E+00	1.10E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
MBS632	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MBS632E	5.82E-04	9.17E-02	0.00E+00	9.17E-02	0.00E+00	0.00E+00	6.02E-02	3.45E-08	2.73E-04	2.99E-03	0.00E+00	0.00E+00	1.61E-12	3.12E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-06	3.22E-03	1.28E+00	0.00E+00	1.41E-10	4.73E-09	7.55E-04	2.30E-06	1.71E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.28E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
MBS640	5.68E-04	8.95E-02	0.00E+00	8.95E-02	0.00E+00	0.00E+00	5.87E-02	3.36E-08	2.66E-04	2.92E-03	0.00E+00	0.00E+00	1.57E-12	3.05E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-06	3.15E-03	1.25E+00	0.00E+00	1.37E-10	4.61E-09	7.36E-04	2.24E-06	1.67E-03	0.00E+00	1.25E+00	3.53E-09	1.25E+00	1.25E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
MBS640E	5.77E-04	9.10E-02	0.00E+00	9.10E-02	0.00E+00	0.00E+00	5.97E-02	3.42E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.60E-12	3.10E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-06	3.20E-03	1.27E+00	0.00E+00	1.40E-10	4.69E-09	7.49E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.59E-09	1.27E+00	1.27E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MBS650E	5.86E-04	9.24E-02	0.00E+00	9.24E-02	0.00E+00	0.00E+00	6.06E-02	3.47E-08	2.75E-04	3.01E-03	0.00E+00	0.00E+00	1.63E-12	3.15E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-06	3.25E-03	1.29E+00	0.00E+00	1.42E-10	4.77E-09	7.60E-04	2.31E-06	1.72E-03	0.00E+00	1.29E+00	3.64E-09	1.29E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
MBS663E	6.25E-04	9.24E-02	0.00E+00	9.24E-02	0.00E+00	0.00E+00	6.06E-02	3.47E-08	2.75E-04	3.01E-03	0.00E+00	0.00E+00	1.63E-12	3.15E-11	2.25E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-06	3.25E-03	1.29E+00	0.00E+00	1.42E-10	4.77E-09	7.60E-04	2.31E-06	1.72E-03	0.00E+00	1.29E+00	3.64E-09	1.29E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
MC100A	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.45E-02	8.32E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.90E-13	7.53E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.78E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.09E-01	8.72E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05
MC101A	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.24E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.86E-13	7.52E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.48E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.07E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MC102A	1.40E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.34E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.90E-13	7.54E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.79E-04	3.09E-01	0.00E+00	3.41E-11	1.14E-09	1.82E-04	5.56E-07	4.13E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05
MC103A	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.22E-09	6.56E-05	7.20E-04	0.00E+00	0.00E+00	3.85E-13	7.52E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.47E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MC104A	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.31E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.89E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.78E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.54E-07	4.12E-04	0.00E+00	3.09E-01	8.72E-10	3.09E-01	3.10E-01	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05
MC106A	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.26E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.40E-13	6.57E-12	4.72E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.80E-04	2.70E-01	0.00E+00	2.97E-11	9.97E-10	1.59E-04	4.84E-07	3.60E-04	0.00E+00	2.70E-01	7.60E-10	2.70E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05
MC110A	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.49E-09	5.15E-05	5.65E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.07E-04	2.42E-01	0.00E+00	2.65E-11	8.91E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.83E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-05
MC110P	1.05E-03	3.01E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.79E-02	1.03E-08	2.48E-04	2.71E-03	0.00E+00	0.00E+00	4.45E-13	9.96E-12	6.17E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.13E-04	3.78E-01	0.00E+00	3.89E-11	5.50E-09	6.98E-04	6.35E-07	4.85E-04	0.00E+00	3.78E-01	1.07E-09	3.78E-01	3.79E-01	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05
MC113A	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.29E-02	7.40E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.47E-13	6.73E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.92E-04	2.76E-01	0.00E+00	3.02E-11	1.02E-09	1.62E-04	4.93E-07	3.67E-04	0.00E+00	2.76E-01	7.78E-10	2.76E-01	2.76E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MC116A	1.12E-04	1.77E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.23E-02	6.94E-09	5.21E-05	5.72E-04	0.00E+00	0.00E+00	3.33E-13	6.13E-12	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.76E-04	2.59E-01	0.00E+00	2.86E-11	9.08E-10	1.44E-04	4.74E-07	3.63E-04	0.00E+00	2.59E-01	7.28E-10	2.59E-01	2.61E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-05
MC116P	1.05E-03	3.01E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.79E-02	1.03E-08	2.48E-04	2.71E-03	0.00E+00	0.00E+00	4.45E-13	9.96E-12	6.17E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.13E-04	3.78E-01	0.00E+00	3.89E-11	5.50E-09	6.98E-04	6.35E-07	4.85E-04	0.00E+00	3.78E-01	1.07E-09	3.78E-01	3.79E-01	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05
MC120A	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.45E-09	5.92E-05	6.49E-04	0.00E+00	0.00E+00	3.49E-13	6.77E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.97E-04	2.78E-01	0.00E+00	3.05E-11	1.02E-09	1.64E-04	4.97E-07	3.70E-04	0.00E+00	2.78E-01	7.84E-10	2.78E-01	2.78E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-05
MC120P	1.05E-03	3.01E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.79E-02	1.03E-08	2.48E-04	2.71E-03	0.00E+00	0.00E+00	4.45E-13	9.96E-12	6.17E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.13E-04	3.78E-01	0.00E+00	3.89E-11	5.50E-09	6.98E-04	6.35E-07	4.85E-04	0.00E+00	3.78E-01	1.07E-09	3.78E-01	3.79E-01	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05
MC125A	1.30E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.68E-09	6.02E-05	6.61E-04	0.00E+00	0.00E+00	3.60E-13	6.91E-12	4.99E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.19E-04	2.83E-01	0.00E+00	3.14E-11	1.05E-09	1.67E-04	5.12E-07	3.81E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MC132A	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.23E-09	6.56E-05	7.20E-04	0.00E+00	0.00E+00	3.85E-13	7.51E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.81E-04	5.48E-07	4.08E-04	0.00E+00	3.08E-01	8.68E-10	3.08E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-05
MC140A	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.91E-13	7.53E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.09E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05
MC150A	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05
MC163A	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05
MC201A	2.71E-04	4.30E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.74E-13	1.47E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.07E-01	0.00E+00	6.78E-11	2.20E-09	3.52E-04	1.11E-06	8.13E-04	0.00E+00	6.07E-01	1.71E-09	6.07E-01	6.07E-01	8.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MC202A	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.99E-02	1.71E-08	1.35E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.37E-01	0.00E+00	7.04E-11	2.35E-09	3.75E-04	1.15E-06	8.51E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04

MC203A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.61E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.52E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.98E-01	0.00E+00	6.56E-11	2.20E-09	3.52E-04	1.07E-06	7.97E-04	0.00E+00	5.98E-01	1.69E-09	5.98E-01	5.98E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MC204A	2.71E-04	4.30E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.74E-13	1.47E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.07E-01	0.00E+00	6.78E-11	2.20E-09	3.52E-04	1.11E-06	8.13E-04	0.00E+00	6.07E-01	1.71E-09	6.07E-01	6.07E-01	8.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MC206A	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MC210A	2.17E-04	3.47E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.81E-01	0.00E+00	5.26E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MC210P	2.05E-03	5.89E-02	0.00E+00	5.89E-02	0.00E+00	0.00E+00	3.52E-02	2.03E-08	4.69E-04	5.06E-03	0.00E+00	0.00E+00	8.78E-13	1.94E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.79E-03	7.45E-01	0.00E+00	7.69E-11	1.07E-08	1.32E-03	1.25E-06	9.53E-04	0.00E+00	7.45E-01	2.10E-09	7.45E-01	7.46E-01	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MC213A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MC216A	2.50E-04	3.94E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	2.58E-02	1.48E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.93E-13	1.34E-11	9.61E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	1.38E-03	5.50E-01	0.00E+00	6.05E-11	2.03E-09	3.23E-04	9.86E-07	7.34E-04	0.00E+00	5.50E-01	1.55E-09	5.50E-01	5.51E-01	7.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
MC220A	2.21E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.28E-02	1.31E-08	1.07E-04	1.38E-03	0.00E+00	0.00E+00	6.12E-13	1.18E-11	8.48E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.85E-01	0.00E+00	5.33E-11	1.79E-09	3.39E-04	8.70E-07	6.48E-04	0.00E+00	4.85E-01	1.37E-09	4.85E-01	4.89E-01	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MC225A	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.59E-01	0.00E+00	6.15E-11	2.06E-09	3.28E-04	1.00E-06	7.47E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MC232A	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MC240A	2.80E-04	4.42E-02	0.00E+00	4.42E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.59E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MC250A	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.08E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.05E-11	2.37E-09	3.77E-04	1.15E-06	8.56E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MC263A	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.97E-02	1.70E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	7.97E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-06	1.59E-03	6.32E-01	0.00E+00	6.95E-11	2.33E-09	3.72E-04	1.13E-06	8.44E-04	0.00E+00	6.32E-01	1.78E-09	6.32E-01	6.33E-01	8.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MC301A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MC302A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MC303A	4.19E-04	6.62E-02	0.00E+00	6.62E-02	0.00E+00	0.00E+00	4.34E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.86E-06	2.33E-03	9.21E-01	0.00E+00	1.01E-10	3.41E-09	5.42E-04	1.65E-06	1.23E-03	0.00E+00	9.21E-01	2.60E-09	9.21E-01	9.26E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MC304A	4.11E-04	6.47E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	4.25E-02	2.43E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.14E-12	2.21E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.73E-06	2.28E-03	9.08E-01	0.00E+00	9.94E-11	3.34E-09	5.35E-04	1.62E-06	1.21E-03	0.00E+00	9.08E-01	2.56E-09	9.08E-01	9.06E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MC306A	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.05E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MC310A	3.49E-04	5.51E-02	0.00E+00	5.51E-02	0.00E+00	0.00E+00	3.61E-02	2.07E-08	1.64E-04	1.80E-03	0.00E+00	0.00E+00	9.69E-13	1.88E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-06	1.94E-03	7.70E-01	0.00E+00	8.45E-11	2.84E-09	4.54E-04	1.38E-06	1.03E-03	0.00E+00	7.70E-01	2.17E-09	7.70E-01	7.70E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MC310P	2.87E-03	7.54E-02	0.00E+00	7.54E-02	0.00E+00	0.00E+00	4.48E-02	2.53E-08	6.06E-04	6.40E-03	0.00E+00	0.00E+00	1.17E-12	2.46E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.79E-06	2.29E-03	9.45E-01	0.00E+00	9.99E-11	1.46E-08	1.68E-03	1.63E-06	1.20E-03	0.00E+00	9.45E-01	2.73E-09	9.45E-01	9.42E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MC313A	3.71E-04	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.19E-01	0.00E+00	9.00E-11	3.01E-09	4.80E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MC316A	3.14E-04	5.00E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	3.34E-02	1.92E-08	1.47E-04	1.62E-03	0.00E+00	0.00E+00	9.04E-13	1.72E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.80E-03	7.12E-01	0.00E+00	7.87E-11	2.56E-09	4.08E-04	1.29E-06	9.54E-04	0.00E+00	7.12E-01	2.01E-09	7.12E-01	7.05E-01	9.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
MC316P	2.87E-03	7.54E-02	0.00E+00	7.54E-02	0.00E+00	0.00E+00	4.48E-02	2.53E-08	6.06E-04	6.40E-03	0.00E+00	0.00E+00	1.17E-12	2.46E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.79E-06	2.29E-03	9.45E-01	0.00E+00	9.99E-11	1.46E-08	1.68E-03	1.63E-06	1.20E-03	0.00E+00	9.45E-01	2.73E-09	9.45E-01	9.42E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MC320A	3.71E-04	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.19E-01	0.00E+00	9.00E-11	3.01E-09	4.80E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MC325A	3.83E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.43E-01	0.00E+00	9.26E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.43E-01	2.38E-09	8.43E-01	8.44E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MC332A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MC340A	4.25E-04	6.59E-02	0.00E+00	6.59E-02	0.00E+00	0.00E+00	4.32E-02	2.48E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-06	2.32E-03	9.18E-01	0.00E+00	1.01E-10	3.40E-09	5.41E-04	1.65E-06	1.23E-03	0.00E+00	9.18E-01	2.59E-09	9.18E-01	9.22E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MC350A	4.44E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.61E-09	5.77E-04	1.75E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.80E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MC363A	4.44E-04	7.00E-02	0.00E+00	7.00E-02	0.00E+00	0.00E+00	4.59E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.20E-06	2.46E-03	9.79E-01	0.00E+00	1.08E-10	3.61E-09	5.77E-04	1.75E-06	1.31E-03	0.00E+00	9.79E-01	2.76E-09	9.79E-01	9.80E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MC400A	5.15E-04	8.10E-02	0.00E+00	8.10E-02	0.00E+00	0.00E+00	5.31E-02	3.04E-08	2.41E-04	2.64E-03	0.00E+00	0.00E+00	1.43E-12	2.76E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-06	2.85E-03	1.13E+00	0.00E+00	1.24E-10	4.18E-09	6.66E-04	2.03E-06	1.51E-03	0.00E+00	1.13E+00	3.19E-09	1.13E+00	1.13E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
MC406A	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.07E+00	0.00E+00	1.17E-10	3.92E-09	6.27E-04	1.90E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MC410A	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.07E+00	0.00E+00	1.17E-10	3.92E-09	6.27E-04	1.90E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MC413A	4.84E-04	8.12E-02	0.00E+00	8.12E-02	0.00E+00	0.00E+00	5.15E-02	3.01E-08	2.45E-04	2.77E-03	0.00E+00	0.00E+00	1.51E-12	2.77E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-06	2.95E-03	1.13E+00	0.00E+00	1.30E-10	4.54E-09	6.78E-04	2.03E-06	1.57E-03	0.00E+00	1.13E+00	3.23E-09	1.13E+00	1.13E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
MC416A	4.43E-04	6.98E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.45E-03	9.76E-01	0.00E+00	1.07E-10	3.60E-09	5.75E-04	1.75E-06	1.30E-03	0.00E+00	9.76E-01	2.75E-09	9.76E-01	9.76E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MC420A	4.84E-04	8.12E-02	0.00E+00	8.12E-02	0.00E+00	0.00E+00	5.15E-02	3.01E-08	2.45E-04	2.77E-03	0.00E+00	0.00E+00	1.51E-12	2.77E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-06	2.95E-03	1.13E+00	0.00E+00	1.30E-10	4.54E-09	6.78E-04	2.03E-06	1.57E-03	0.00E+00	1.13E+00	3.23E-09	1.13E+00	1.13E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
MC425A	5.03E-04	8.24E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.36E-04	2.68E-03	0.00E+00	0.00E+00	1.45E-12	2.73E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-06	2.88E-03	1.12E+00	0.00E+00	1.25E-10	4.49E-09	7.00E-04	2.00E-06	1.52E-03	0.00E+00	1.12E+00	3.21E-09	1.12E+00	1.13E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
MC432A	5.43E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.01E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MC440A	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MC450A	5.80E-04	9.15E-02	0.00E+00	9.15E-02	0.00E+00	0.00E+00	6.00E-02	3.44E-08	2.72E-04	2.99E-03	0.00E+00	0.00E+00	1.61E-12	3.12E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.72E-09	7.53E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.61E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
MC463A	5.83E-04	9.19E-02	0.00E+00	9.19E-02	0.00E+00	0.00E+00	6.03E-02	3.45E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.14E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.74E-09	7.56E-04	2.30E-06	1.71E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
MC506A	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MC510A	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MC513A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MC516A	2.51E-04	3.95E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	2.59E-02	1.48E-08	1.18E-04	1.29E-03	0.00E+00	0.00E+00	6.95E-13	1.35E-11	9.63E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-06	1.39E-03	5.52E-01	0.00E+00	6.06E-11	2.04E-09	3.26E-04	9.88E-07	7.36E-04	0.00E+00	5.52E-01	1.56E-09	5.52E-01	5.52E-01	7.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
MC520A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.36E-11	9.72E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.57E-01	0.00E+00	6.11E-11	2.05E-09	3.28E-04	9.97E-07	7.43E-04	0.00E+00	5.57E-01	1.57E-09	5.57E-01	5.57E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MC525A	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.59E-01	0.00E+00	6.15E-11	2.06E-09	3.28E-04	1.00E-06	7.47E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MC532A	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MC540A	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.99E-02	1.71E-08	1.35E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.37E-01	0.00E+00	7.04E-11	2.35E-09	3.75E-04	1.15E-06	8.51E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MC563A	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.45E-01	0.00E+00	7.09E-11	2.38E-09	3.79E-04	1.16E-06	8.61E-04	0.00E+00	6.45E-01	1.82E-09	6.45E-01	6.46E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MCA103	1.27E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.54E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.53E-13	6.88E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.82E-01	0.00E+00	3.08E-11	1.03E-09	1.66E-04	5.02E-07	3.74E-04	0.00E+00	2.82E-01	7.96E-10	2.82E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MCA104	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.32E-02	7.57E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.55E-13	6.88E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.82E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.82E-01	7.97E-10	2.82E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MCA140	1.36E-04	2.14E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.41E-02	8.05E-09	6.39E-05	7.00E-04	0.00E+00	0.00E+00	3.76E-13	7.31E-12	5.22E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.52E-04	3.00E-01	0.00E+00	3.28E-11	1.10E-09	1.77E-04	5.35E-07	3.99E-04	0.00E+00	3.00E-01	8.46E-10	3.00E-01	3.00E-01	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
MCA150	1.36E-04	2.15E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.41E-02	8.08E-09	6.36E-05	6.98E-04	0.00E+00	0.00E+00	3.78E-13	7.30E-12	5.24E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.56E-04	2.99E-01	0.00E+00	3.30E-11	1.11E-09	1.76E-04	5.38E-07	4.01E-04	0.00E+00	2.99E-01	8.45E-10	2.99E-01	3.01E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
MCA163	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.38E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.93E-13	7.56E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.84E-04	3.10E-01	0.00E+00	3.43E-11	1.15E-09	1.82E-04	5.59E-07	4.16E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MCA202	2.78E-04	4.39E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-08	1.30E-04	1.43E-03	0.00E+00	0.00E+00	7.75E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.88E-06	1.54E-03	6.13E-01	0.00E+00	6.73E-11	2.26E-09	3.61E-04	1.10E-06	8.18E-04	0.00E+00	6.13E-01	1.73E-09	6.13E-01	6.14E-01	8.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MCA204	2.57E-04	4.06E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.66E-02	1.52E-08	1.21E-04	1.32E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	9.90E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.43E-03	5.67E-01	0.00E+00	6.23E-11	2.09E-09	3.34E-04	1.02E-06	7.57E-04	0.00E+00	5.67E-01	1.60E-09	5.67E-01	5.68E-01	7.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MCA206	2.44E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MCA210	2.44E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MCA216	2.48E-04	3.92E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.89E-13	1.33E-11	9.55E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	1.38E-03	5.47E-01	0.00E+00	6.01E-11	2.02E-09	3.22E-04	9.81E-07	7.30E-04	0.00E+00	5.47E-01	1.54E-09	5.47E-01	5.48E-01	7.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
MCA220	2.57E-04	4.06E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.66E-02	1.52E-08	1.21E-04	1.32E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	9.90E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.43E-03	5.67E-01	0.00E+00	6.23E-11	2.09E-09	3.34E-04	1.02E-06	7.57E-04	0.00E+00	5.67E-01	1.60E-09	5.67E-01	5.68E-01	7.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MCA225	2.57E-04	4.06E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.66E-02	1.52E-08	1.21E-04	1.32E-03	0.00E+00	0.00E+00	7.14E-13	1.38E-11	9.90E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-06	1.43E-03	5.67E-01	0.00E+00	6.23E-11	2.09E-09	3.34E-04	1.02E-06	7.57E-04	0.00E+00	5.67E-01	1.60E-09	5.67E-01	5.68E-01	7.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MCA232	2.76E-04	4.35E-02	0.00E+00	4.35E-02	0.00E+00	0.00E+00	2.85E-02	1.63E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.65E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-06	1.53E-03	6.08E-01	0.00E+00	6.68E-11	2.24E-09	3.58E-04	1.09E-06	8.11E-04	0.00E+00	6.08E-01	1.71E-09	6.08E-01	6.08E-01	8.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MCA240	2.66E-04	4.20E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.75E-02	1.58E-08	1.25E-04	1.37E-03	0.00E+00	0.00E+00	7.39E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.48E-03	5.87E-01	0.00E+00	6.45E-11	2.17E-09	3.45E-04	1.05E-06	7.83E-04	0.00E+00	5.87E-01	1.66E-09	5.87E-01	5.87E-01	7.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCA250	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MCA263	2.83E-04	4.46E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.93E-02	1.68E-08	1.33E-04	1.46E-03	0.00E+00	0.00E+00	7.85E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.57E-03	6.23E-01	0.00E+00	6.85E-11	2.30E-09	3.67E-04	1.12E-06	8.32E-04	0.00E+00	6.23E-01	1.76E-09	6.23E-01	6.24E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MCA310	3.80E-04	6.02E-02	0.00E+00	6.02E-02	0.00E+00	0.00E+00	3.94E-02	2.26E-08	1.78E-04	1.95E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.32E-06	2.11E-03	8.40E-01	0.00E+00	9.22E-11	3.09E-09	4.92E-04	1.50E-06	1.12E-03	0.00E+00	8.40E-01	2.37E-09	8.40E-01	8.41E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MCA316	3.83E-04	6.04E-02	0.00E+00	6.04E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.06E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-06	2.12E-03	8.44E-01	0.00E+00	9.28E-11	3.12E-09	4.97E-04	1.51E-06	1.13E-03	0.00E+00	8.44E-01	2.38E-09	8.44E-01	8.45E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
MCA320	3.85E-04	6.08E-02	0.00E+00	6.08E-02	0.00E+00	0.00E+00	3.99E-02	2.28E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.38E-06	2.13E-03	8.49E-01	0.00E+00	9.33E-11	3.14E-09	5.00E-04	1.52E-06	1.13E-03	0.00E+00	8.49E-01	2.40E-09	8.49E-01	8.50E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
MCA325	3.94E-04	6.22E-02	0.00E+00	6.22E-02	0.00E+00	0.00E+00	4.08E-02	2.34E-08	1.84E-04	2.02E-03	0.00E+00	0.00E+00	1.10E-12	2.12E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-06	2.19E-03	8.69E-01	0.00E+00	9.54E-11	3.21E-09	5.10E-04	1.56E-06	1.16E-03	0.00E+00	8.69E-01	2.45E-09	8.69E-01	8.71E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MCA332	4.26E-04	6.61E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.96E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-06	2.32E-03	9.19E-01	0.00E+00	1.01E-10	3.41E-09	5.41E-04	1.65E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MCA340	4.11E-04	6.47E-02	0.00E+00	6.47E-02	0.00E+00	0.00E+00	4.25E-02	2.43E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.14E-12	2.21E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.73E-06	2.28E-03	9.08E-01	0.00E+00	9.94E-11	3.34E-09	5.35E-04	1.62E-06	1.21E-03	0.00E+00	9.08E-01	2.56E-09	9.08E-01	9.06E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
MCA350	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-06	2.35E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MCA410	5.01E-04	7.90E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.18E-02	2.97E-08	2.35E-04	2.58E-03	0.00E+00	0.00E+00	1.39E-12	2.69E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	6.99E-06	2.78E-03	1.10E+00	0.00E+00	1.21E-10	4.07E-09	6.50E-04	1.98E-06	1.47E-03	0.00E+00	1.10E+00	3.11E-09	1.10E+00	1.10E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
MCA416	5.03E-04	8.24E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.36E-04	2.68E-03	0.00E+00	0.00E+00	1.45E-12	2.73E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-06	2.88E-03	1.12E+00	0.00E+00	1.25E-10	4.49E-09	7.00E-04	2.00E-06	1.52E-03	0.00E+00	1.12E+00	3.21E-09	1.12E+00	1.13E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
MCA420	5.26E-04	8.30E-02	0.00E+00	8.30E-02	0.00E+00	0.00E+00	5.44E-02	3.12E-08	2.47E-04	2.71E-03	0.00E+00	0.00E+00	1.46E-12	2.83E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-06	2.92E-03	1.16E+00	0.00E+00	1.27E-10	4.28E-09	6.83E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.27E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
MCA425	5.26E-04	8.30E-02	0.00E+00	8.30E-02	0.00E+00	0.00E+00	5.44E-02	3.12E-08	2.47E-04	2.71E-03	0.00E+00	0.00E+00	1.46E-12	2.82E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-06	2.92E-03	1.16E+00	0.00E+00	1.27E-10	4.28E-09	6.82E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.27E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
MCA432	5.49E-04	8.66E-02	0.00E+00	8.66E-02	0.00E+00	0.00E+00	5.68E-02	3.25E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.52E-12	2.95E-11	2.11E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.47E-09	7.13E-04	2.17E-06	1.61E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.21E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
MCA440	5.43E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.01E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MCA450	5.60E-04	8.83E-02	0.00E+00	8.83E-02	0.00E+00	0.00E+00	5.79E-02	3.31E-08	2.62E-04	2.88E-03	0.00E+00	0.00E+00	1.55E-12	3.00E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-06	3.10E-03	1.23E+00	0.00E+00	1.35E-10	4.55E-09	7.26E-04	2.21E-06	1.65E-03	0.00E+00	1.23E+00	3.48E-09	1.23E+00	1.23E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
MCA463	5.61E-04	8.85E-02	0.00E+00	8.85E-02	0.00E+00	0.00E+00	5.81E-02	3.32E-08	2.63E-04	2.89E-03	0.00E+00	0.00E+00	1.56E-12	3.01E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-06	3.11E-03	1.24E+00	0.00E+00	1.36E-10	4.57E-09	7.28E-04	2.22E-06	1.65E-03	0.00E+00	1.24E+00	3.49E-09	1.24E+00	1.24E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MCA506	2.44E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04

MCA510	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.36E-11	9.72E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.57E-01	0.00E+00	6.11E-11	2.05E-09	3.28E-04	9.97E-07	7.43E-04	0.00E+00	5.57E-01	1.57E-09	5.57E-01	5.57E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MCA516	2.52E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.49E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.00E-13	1.35E-11	9.70E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.96E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MCA520	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.63E-02	1.51E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.26E-13	1.37E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.43E-03	5.61E-01	0.00E+00	6.31E-11	2.05E-09	3.28E-04	1.02E-06	7.62E-04	0.00E+00	5.61E-01	1.58E-09	5.61E-01	5.62E-01	7.62E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
MCA525	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.63E-02	1.51E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.26E-13	1.37E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.43E-03	5.61E-01	0.00E+00	6.31E-11	2.05E-09	3.28E-04	1.02E-06	7.62E-04	0.00E+00	5.61E-01	1.58E-09	5.61E-01	5.62E-01	7.62E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
MCA532	2.76E-04	4.35E-02	0.00E+00	4.35E-02	0.00E+00	0.00E+00	2.85E-02	1.63E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.65E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-06	1.53E-03	6.07E-01	0.00E+00	6.67E-11	2.24E-09	3.58E-04	1.09E-06	8.10E-04	0.00E+00	6.07E-01	1.71E-09	6.07E-01	6.08E-01	8.10E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MCA540	2.79E-04	4.40E-02	0.00E+00	4.40E-02	0.00E+00	0.00E+00	2.89E-02	1.65E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.75E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-06	1.55E-03	6.12E-01	0.00E+00	6.76E-11	2.27E-09	3.58E-04	1.10E-06	8.21E-04	0.00E+00	6.12E-01	1.73E-09	6.12E-01	6.16E-01	8.21E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MCN001	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.24E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.86E-13	7.52E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.48E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.07E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MCN002	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.61E-05	7.25E-04	0.00E+00	0.00E+00	3.91E-13	7.57E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.11E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.11E-01	8.76E-10	3.11E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MCN003	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.22E-09	6.56E-05	7.20E-04	0.00E+00	0.00E+00	3.85E-13	7.52E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.47E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MCN004	1.35E-04	2.14E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.40E-02	8.02E-09	6.35E-05	6.96E-04	0.00E+00	0.00E+00	3.76E-13	7.27E-12	5.21E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.50E-04	2.98E-01	0.00E+00	3.28E-11	1.10E-09	1.76E-04	5.35E-07	3.98E-04	0.00E+00	2.98E-01	8.42E-10	2.98E-01	2.99E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
MCN006	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.88E-09	5.44E-05	5.97E-04	0.00E+00	0.00E+00	3.22E-13	6.23E-12	4.47E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.43E-04	2.56E-01	0.00E+00	2.81E-11	9.44E-10	1.51E-04	4.58E-07	3.41E-04	0.00E+00	2.56E-01	7.22E-10	2.56E-01	2.56E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-05
MCN008	1.13E-04	1.78E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.17E-02	6.70E-09	5.30E-05	5.81E-04	0.00E+00	0.00E+00	3.14E-13	6.07E-12	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.27E-04	2.49E-01	0.00E+00	2.74E-11	9.20E-10	1.47E-04	4.46E-07	3.32E-04	0.00E+00	2.49E-01	7.03E-10	2.49E-01	2.49E-01	3.32E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-05
MCN010	1.16E-04	1.84E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.20E-02	6.90E-09	5.46E-05	5.99E-04	0.00E+00	0.00E+00	3.23E-13	6.25E-12	4.48E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-06	6.45E-04	2.56E-01	0.00E+00	2.82E-11	9.47E-10	1.51E-04	4.60E-07	3.42E-04	0.00E+00	2.56E-01	7.24E-10	2.56E-01	2.57E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.98E-05
MCN013	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.03E-09	5.56E-05	6.10E-04	0.00E+00	0.00E+00	3.29E-13	6.37E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.61E-01	0.00E+00	2.87E-11	9.65E-10	1.54E-04	4.68E-07	3.49E-04	0.00E+00	2.61E-01	7.38E-10	2.61E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
MCN016	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.03E-09	5.56E-05	6.10E-04	0.00E+00	0.00E+00	3.29E-13	6.37E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.58E-04	2.61E-01	0.00E+00	2.87E-11	9.65E-10	1.54E-04	4.68E-07	3.49E-04	0.00E+00	2.61E-01	7.38E-10	2.61E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
MCN020	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.09E-09	5.61E-05	6.16E-04	0.00E+00	0.00E+00	3.32E-13	6.43E-12	4.61E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.64E-04	2.64E-01	0.00E+00	2.90E-11	9.74E-10	1.55E-04	4.73E-07	3.52E-04	0.00E+00	2.64E-01	7.45E-10	2.64E-01	2.64E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-05
MCN025	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.49E-09	5.92E-05	6.50E-04	0.00E+00	0.00E+00	3.51E-13	6.78E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.00E-04	2.78E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.71E-04	0.00E+00	2.78E-01	7.86E-10	2.78E-01	2.79E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
MCN032	1.44E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.49E-02	8.55E-09	6.77E-05	7.42E-04	0.00E+00	0.00E+00	4.01E-13	7.75E-12	5.55E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.00E-04	3.18E-01	0.00E+00	3.49E-11	1.17E-09	1.87E-04	5.70E-07	4.24E-04	0.00E+00	3.18E-01	8.97E-10	3.18E-01	3.18E-01	4.24E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
MCN040	1.45E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.50E-02	8.62E-09	6.82E-05	7.48E-04	0.00E+00	0.00E+00	4.04E-13	7.81E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.06E-04	3.20E-01	0.00E+00	3.52E-11	1.18E-09	1.89E-04	5.74E-07	4.28E-04	0.00E+00	3.20E-01	9.04E-10	3.20E-01	3.21E-01	4.28E-04	0.00E+00	0.00E+00	0.00E+00	8.72E-05
MCN099	1.38E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.43E-02	8.19E-09	6.49E-05	7.12E-04	0.00E+00	0.00E+00	3.84E-13	7.43E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.66E-04	3.05E-01	0.00E+00	3.35E-11	1.12E-09	1.80E-04	5.46E-07	4.06E-04	0.00E+00	3.05E-01	8.60E-10	3.05E-01	3.05E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
MCN100	1.38E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.43E-02	8.19E-09	6.48E-05	7.11E-04	0.00E+00	0.00E+00	3.83E-13	7.42E-12	5.31E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.66E-04	3.04E-01	0.00E+00	3.35E-11	1.12E-09	1.79E-04	5.46E-07	4.06E-04	0.00E+00	3.04E-01	8.59E-10	3.04E-01	3.05E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
MCN100E	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.12E-09	6.42E-05	7.04E-04	0.00E+00	0.00E+00	3.80E-13	7.35E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.60E-04	3.02E-01	0.00E+00	3.32E-11	1.11E-09	1.78E-04	5.41E-07	4.03E-04	0.00E+00	3.02E-01	8.52E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
MCN101	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.42E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.94E-13	7.63E-12	5.47E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.88E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.83E-10	3.13E-01	3.13E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-05
MCN101E	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.41E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.94E-13	7.63E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.87E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.83E-10	3.13E-01	3.13E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-05
MCN102	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.45E-02	8.33E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.90E-13	7.54E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.80E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.09E-01	8.72E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
MCN102E	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.41E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.94E-13	7.63E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.87E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.83E-10	3.13E-01	3.13E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-05
MCN103	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.13E-09	6.42E-05	7.05E-04	0.00E+00	0.00E+00	3.81E-13	7.36E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.02E-01	0.00E+00	3.32E-11	1.12E-09	1.78E-04	5.42E-07	4.03E-04	0.00E+00	3.02E-01	8.53E-10	3.02E-01	3.03E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.23E-05
MCN103E	1.35E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.98E-09	6.36E-05	6.98E-04	0.00E+00	0.00E+00	3.74E-13	7.26E-12	5.18E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.47E-04	2.97E-01	0.00E+00	3.26E-11	1.10E-09	1.76E-04	5.32E-07	3.96E-04	0.00E+00	2.97E-01	8.39E-10	2.97E-01	2.97E-01	3.96E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-05
MCN104	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.37E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.92E-13	7.54E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.84E-04	3.10E-01	0.00E+00	3.42E-11	1.15E-09	1.82E-04	5.58E-07	4.16E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
MCN104E	1.42E-04	2.24E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.47E-02	8.41E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.94E-13	7.63E-12	5.46E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.87E-04	3.13E-01	0.00E+00	3.44E-11	1.16E-09	1.84E-04	5.61E-07	4.18E-04	0.00E+00	3.13E-01	8.83E-10	3.13E-01	3.13E-01	4.18E-04	0.00E+00	0.00E+00	0.00E+00	8.52E-05
MCN106	1.14E-04	1.80E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.18E-02	6.76E-09	5.35E-05	5.87E-04	0.00E+00	0.00E+00	3.17E-13	6.13E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-06	6.33E-04	2.52E-01	0.00E+00	2.76E-11	9.29E-10	1.48E-04	4.51E-07	3.36E-04	0.00E+00	2.52E-01	7.10E-10	2.52E-01	2.52E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.85E-05
MCN106A	1.16E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.19E-02	6.84E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.21E-13	6.21E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.40E-04	2.55E-01	0.00E+00	2.80E-11	9.40E-10	1.50E-04	4.56E-07	3.40E-04	0.00E+00	2.55E-01	7.19E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MCN106E	1.15E-04	1.81E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.19E-02	6.79E-09	5.37E-05	5.89E-04	0.00E+00	0.00E+00	3.18E-13	6.15E-12	4.41E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.35E-04	2.52E-01	0.00E+00	2.77E-11	9.32E-10	1.49E-04	4.53E-07	3.37E-04	0.00E+00	2.52E-01	7.13E-10	2.52E-01	2.53E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.87E-05
MCN110	1.11E-04	1.76E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.22E-02	6.91E-09	5.19E-05	5.70E-04	0.00E+00	0.00E+00	3.32E-13	6.11E-12	4.54E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.76E-04	2.58E-01	0.00E+00	2.86E-11	9.04E-10	1.44E-04	4.75E-07	3.63E-04	0.00E+00	2.58E-01	7.25E-10	2.58E-01	2.59E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.14E-05
MCN110A	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.49E-09	5.15E-05	5.65E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.07E-04	2.42E-01	0.00E+00	2.65E-11	8.91E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.83E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
MCN110E	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.86E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.21E-13	6.20E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.42E-04	2.55E-01	0.00E+00	2.80E-11	9.42E-10	1.50E-04	4.57E-07	3.40E-04	0.00E+00	2.55E-01	7.18E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MCN113	1.05E-04	1.65E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.08E-02	6.20E-09	4.91E-05	5.38E-04	0.00E+00	0.00E+00	2.91E-13	5.62E-12	4.03E-05	0.00E+00	0.00E+00	0.00E+00	1.46E-06	5.80E-04	2.31E-01	0.00E+00	2.53E-11	8.51E-10	1.36E-04	4.13E-07	3.08E-04	0.00E+00	2.31E-01	6.51E-10	2.31E-01	2.31E-01	3.08E-04	0.00E+00	0.00E+00	0.00E+00	6.28E-05
MCN113E	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.86E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.21E-13	6.20E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.42E-04	2.55E-01	0.00E+00	2.80E-11	9.42E-10	1.50E-04	4.57E-07	3.40E-04	0.00E+00	2.55E-01	7.18E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MCN116	1.10E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.22E-02	6.87E-09	5.15E-05	5.65E-04	0.00E+00	0.00E+00	3.31E-13	6.07E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.74E-04	2.57E-01	0.00E+00	2.85E-11	8.96E-10	1.43E-04	4.73E-07	3.62E-04	0.00E+00	2.57E-01	7.21E-10	2.57E-01	2.58E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
MCN116A	1.10E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.55E-09	5.18E-05	5.68E-04	0.00E+00	0.00E+00	3.07E-13	5.93E-12	4.25E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.13E-04	2.43E-01	0.00E+00	2.68E-11	8.99E-10	1.43E-04	4.37E-07	3.25E-04	0.00E+00	2.43E-01	6.86E-10	2.43E-01	2.44E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-05
MCN116E	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.86E-09	5.42E-05	5.95E-04	0.00E+00	0.00E+00	3.21E-13	6.21E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.42E-04	2.55E-01	0.00E+00	2.80E-11	9.42E-10	1.50E-04	4.57E-07	3.40E-04	0.00E+00	2.55E-01	7.19E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MCN120	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.19E-02	6.84E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.20E-13	6.20E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.40E-04	2.55E-01	0.00E+00	2.79E-11	9.39E-10	1.50E-04	4.56E-07	3.39E-04	0.00E+00	2.55E-01	7.18E-10	2.55E-01	2.55E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MCN120A	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.26E-09	5.74E-05	6.29E-04	0.00E+00	0.00E+00	3.40E-13	6.58E-12	4.71E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.79E-04	2.70E-01	0.00E+00	2.97E-11	9.96E-10	1.59E-04	4.84E-07	3.60E-04	0.00E+00	2.70E-01	7.61E-10	2.70E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-05
MCN120E	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.03E-09	5.56E-05	6.10E-04	0.00E+00	0.00E+00	3.29E-13	6.37E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.57E-04	2.61E-01	0.00E+00	2.87E-11	9.65E-10	1.54E-04	4.68E-07	3.49E-04	0.00E+00	2.61E-01	7.37E-10	2.61E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
MCN125	1.25E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.29E-02	7.37E-09	5.84E-05	6.40E-04	0.00E+00	0.00E+00	3.46E-13	6.68E-12	4.79E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.90E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.92E-07	3.66E-04	0.00E+00	2.74E-01	7.74E-10	2.74E-01	2.75E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-05
MCN125A	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.45E-09	5.90E-05	6.47E-04	0.00E+00	0.00E+00	3.49E-13	6.76E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.98E-04	2.77E-01	0.00E+00	3.05E-11	1.02E-09	1.63E-04	4.97E-07	3.70E-04	0.00E+00	2.77E-01	7.83E-10	2.77E-01	2.78E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
MCN125E	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
MCN132	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.38E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.93E-13	7.56E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.84E-04	3.10E-01	0.00E+00	3.42E-11	1.15E-09	1.82E-04	5.59E-07	4.16E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MCN132A	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-02	8.27E-09	6.56E-05	7.20E-04	0.00E+00	0.00E+00	3.87E-13	7.52E-12	5.37E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.73E-04	3.08E-01	0.00E+00	3.38E-11	1.14E-09	1.82E-04	5.51E-07	4.10E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.08E-01	4.10E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MCN132E	1.34E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.95E-09	6.29E-05	6.91E-04	0.00E+00	0.00E+00	3.73E-13	7.21E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.96E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.95E-04	0.00E+00	2.96E-01	8.35E-10	2.96E-01	2.96E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
MCN140	1.36E-04	2.15E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.41E-02	8.08E-09	6.37E-05	6.99E-04	0.00E+00	0.00E+00	3.79E-13	7.30E-12	5.25E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.56E-04	2.99E-01	0.00E+00	3.30E-11	1.11E-09	1.76E-04	5.39E-07	4.01E-04	0.00E+00	2.99E-01	8.45E-10	2.99E-01	3.01E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-05
MCN140A	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.24E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.86E-13	7.52E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.48E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.07E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
MCN140E	1.34E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.95E-09	6.29E-05	6.91E-04	0.00E+00	0.00E+00	3.73E-13	7.21E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.96E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.95E-04	0.00E+00	2.96E-01	8.35E-10	2.96E-01	2.96E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
MCN150	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.47E-02	8.39E-09	6.65E-05	7.30E-04	0.00E+00	0.00E+00	3.93E-13	7.62E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.85E-04	3.13E-01	0.00E+00	3.43E-11	1.15E-09	1.84E-04	5.59E-07	4.16E-04	0.00E+00	3.13E-01	8.82E-10	3.13E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.51E-05
MCN150A	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	8.92E-05
MCN150E	1.43E-04	2.25E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	1.48E-02	8.47E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.97E-13	7.63E-12	5.49E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.91E-04	3.14E-01	0.00E+00	3.46E-11	1.16E-09	1.84E-04	5.64E-07	4.20E-04	0.00E+00	3.14E-01	8.85E-10	3.14E-01	3.15E-01	4.20E-04	0.00E+00	0.00E+00	0.00E+00	8.54E-05
MCN163	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.47E-02	8.39E-09	6.65E-05	7.30E-04	0.00E+00	0.00E+00	3.93E-13	7.62E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.86E-04	3.13E-01	0.00E+00	3.43E-11	1.15E-09	1.84E-04	5.60E-07	4.17E-04	0.00E+00	3.13E-01	8.83E-10	3.13E-01	3.13E-01	4.17E-04	0.00E+00	0.00E+00	0.00E+00	8.51E-05
MCN163A	1.45E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	8.57E-09	6.80E-05	7.46E-04	0.00E+00	0.00E+00	4.01E-13	7.78E-12	5.56E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.02E-04	3.19E-01	0.00E+00	3.50E-11	1.18E-09	1.88E-04	5.71E-07	4.25E-04	0.00E+00	3.19E-01	9.00E-10	3.19E-01	3.19E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05
MCN163E	1.44E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.49E-02	8.55E-09	6.76E-05	7.42E-04	0.00E+00	0.00E+00	4.00E-13	7.75E-12	5.55E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	8.00E-04	3.18E-01	0.00E+00	3.49E-11	1.17E-09	1.87E-04	5.70E-07	4.24E-04	0.00E+00	3.18E-01	8.97E-10	3.18E-01	3.18E-01	4.24E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
MCN200	2.77E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.67E-13	1.49E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.10E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MCN200E	2.76E-04	4.34E-02	0.00E+00	4.34E-02	0.00E+00	0.00E+00	2.85E-02	1.63E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.65E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.85E-06	1.53E-03	6.07E-01	0.00E+00	6.67E-11	2.24E-09	3.57E-04	1.09E-06	8.10E-04	0.00E+00	6.07E-01	1.71E-09	6.07E-01	6.08E-01	8.10E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MCN201	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCN201E	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.61E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.52E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.98E-01	0.00E+00	6.56E-11	2.20E-09	3.52E-04	1.07E-06	7.97E-04	0.00E+00	5.98E-01	1.69E-09	5.98E-01	5.98E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCN202	2.71E-04	4.29E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.72E-13	1.46E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.88E-06	1.55E-03	6.07E-01	0.00E+00	6.76E-11	2.20E-09	3.52E-04	1.10E-06	8.12E-04	0.00E+00	6.07E-01	1.71E-09	6.07E-01	6.07E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MCN202E	2.71E-04	4.28E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.80E-02	1.61E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.52E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.50E-03	5.97E-01	0.00E+00	6.56E-11	2.21E-09	3.52E-04	1.07E-06	7.97E-04	0.00E+00	5.97E-01	1.69E-09	5.97E-01	5.98E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCN203	2.77E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.67E-13	1.49E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.10E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MCN203E	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCN204	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MCN204E	2.83E-04	4.46E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.93E-02	1.68E-08	1.33E-04	1.45E-03	0.00E+00	0.00E+00	7.85E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.57E-03	6.23E-01	0.00E+00	6.85E-11	2.30E-09	3.67E-04	1.12E-06	8.32E-04	0.00E+00	6.23E-01	1.76E-09	6.23E-01	6.24E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MCN206	2.31E-04	3.64E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.39E-02	1.37E-08	1.08E-04	1.19E-03	0.00E+00	0.00E+00	6.41E-13	1.24E-11	8.89E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	1.28E-03	5.09E-01	0.00E+00	5.59E-11	1.88E-09	2.99E-04	9.12E-07	6.79E-04	0.00E+00	5.09E-01	1.44E-09	5.09E-01	5.10E-01	6.79E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
MCN206A	2.36E-04	3.73E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.45E-02	1.40E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.56E-13	1.27E-11	9.10E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	1.31E-03	5.21E-01	0.00E+00	5.72E-11	1.92E-09	3.06E-04	9.34E-07	6.95E-04	0.00E+00	5.21E-01	1.47E-09	5.21E-01	5.22E-01	6.95E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MCN206E	2.28E-04	3.60E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.36E-02	1.35E-08	1.07E-04	1.17E-03	0.00E+00	0.00E+00	6.34E-13	1.23E-11	8.78E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-06	1.27E-03	5.03E-01	0.00E+00	5.53E-11	1.86E-09	2.96E-04	9.01E-07	6.71E-04	0.00E+00	5.03E-01	1.42E-09	5.03E-01	5.04E-01	6.71E-04	0.00E+00	0.00E+00	0.00E+00	1.37E-04
MCN208E	2.22E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.30E-02	1.32E-08	1.05E-04	1.15E-03	0.00E+00	0.00E+00	6.17E-13	1.19E-11	8.55E-05	0.00E+00	0.00E+00	0.00E+00	3.10E-06	1.23E-03	4.90E-01	0.00E+00	5.38E-11	1.81E-09	2.89E-04	8.77E-07	6.53E-04	0.00E+00	4.90E-01	1.38E-09	4.90E-01	4.90E-01	6.53E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04
MCN210	2.26E-04	3.55E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.33E-02	1.33E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.25E-13	1.21E-11	8.66E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	1.25E-03	4.96E-01	0.00E+00	5.45E-11	1.83E-09	2.93E-04	8.89E-07	6.62E-04	0.00E+00	4.96E-01	1.40E-09	4.96E-01	4.97E-01	6.62E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
MCN210A	2.32E-04	3.65E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	2.40E-02	1.37E-08	1.08E-04	1.19E-03	0.00E+00	0.00E+00	6.43E-13	1.24E-11	8.91E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-06	1.28E-03	5.10E-01	0.00E+00	5.61E-11	1.88E-09	3.00E-04	9.15E-07	6.81E-04	0.00E+00	5.10E-01	1.44E-09	5.10E-01	5.11E-01	6.81E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04
MCN210E	2.22E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.29E-02	1.31E-08	1.04E-04	1.14E-03	0.00E+00	0.00E+00	6.15E-13	1.19E-11	8.52E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	1.23E-03	4.88E-01	0.00E+00	5.37E-11	1.80E-09	2.87E-04	8.75E-07	6.52E-04	0.00E+00	4.88E-01	1.38E-09	4.88E-01	4.89E-01	6.52E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04
MCN213	2.36E-04	3.73E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.44E-02	1.40E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.56E-13	1.27E-11	9.09E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	1.31E-03	5.20E-01	0.00E+00	5.72E-11	1.92E-09	3.06E-04	9.33E-07	6.94E-04	0.00E+00	5.20E-01	1.47E-09	5.20E-01	5.21E-01	6.94E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MCN213E	2.31E-04	3.63E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.38E-02	1.36E-08	1.08E-04	1.18E-03	0.00E+00	0.00E+00	6.39E-13	1.24E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	1.28E-03	5.07E-01	0.00E+00	5.57E-11	1.87E-09	2.98E-04	9.08E-07	6.76E-04	0.00E+00	5.07E-01	1.43E-09	5.07E-01	5.08E-01	6.76E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
MCN216	2.36E-04	3.73E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	2.44E-02	1.40E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.56E-13	1.27E-11	9.09E-05	0.00E+00	0.00E+00	0.00E+00	3.30E-06	1.31E-03	5.20E-01	0.00E+00	5.72E-11	1.92E-09	3.06E-04	9.33E-07	6.94E-04	0.00E+00	5.20E-01	1.47E-09	5.20E-01	5.21E-01	6.94E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MCN216A	2.17E-04	3.47E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.81E-01	0.00E+00	5.26E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MCN216E	2.34E-04	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.20E-03	0.00E+00	0.00E+00	6.49E-13	1.26E-11	9.00E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.15E-01	0.00E+00	5.66E-11	1.90E-09	3.03E-04	9.23E-07	6.88E-04	0.00E+00	5.15E-01	1.45E-09	5.15E-01	5.16E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04

MCN220	2.47E-04	3.90E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	2.56E-02	1.47E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.87E-13	1.33E-11	9.52E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	1.37E-03	5.45E-01	0.00E+00	5.99E-11	2.01E-09	3.21E-04	9.77E-07	7.27E-04	0.00E+00	5.45E-01	1.54E-09	5.45E-01	5.46E-01	7.27E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
MCN220A	2.21E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.28E-02	1.31E-08	1.07E-04	1.38E-03	0.00E+00	0.00E+00	6.12E-13	1.18E-11	8.48E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.85E-01	0.00E+00	5.33E-11	1.79E-09	3.39E-04	8.70E-07	6.48E-04	0.00E+00	4.85E-01	1.37E-09	4.85E-01	4.89E-01	6.48E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MCN220E	3.44E-04	5.42E-02	0.00E+00	5.42E-02	0.00E+00	0.00E+00	3.56E-02	2.04E-08	1.61E-04	1.77E-03	0.00E+00	0.00E+00	9.55E-13	1.85E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.80E-06	1.91E-03	7.58E-01	0.00E+00	8.33E-11	2.80E-09	4.46E-04	1.36E-06	1.01E-03	0.00E+00	7.58E-01	2.14E-09	7.58E-01	7.59E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	2.06E-04
MCN225	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MCN225A	2.52E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MCN225E	2.41E-04	3.80E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	2.49E-02	1.43E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	6.69E-13	1.29E-11	9.27E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-06	1.34E-03	5.31E-01	0.00E+00	5.83E-11	1.96E-09	3.13E-04	9.52E-07	7.09E-04	0.00E+00	5.31E-01	1.50E-09	5.31E-01	5.32E-01	7.09E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
MCN232	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MCN232A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCN232E	2.66E-04	4.20E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.75E-02	1.58E-08	1.25E-04	1.37E-03	0.00E+00	0.00E+00	7.39E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.48E-03	5.87E-01	0.00E+00	6.45E-11	2.17E-09	3.45E-04	1.05E-06	7.83E-04	0.00E+00	5.87E-01	1.66E-09	5.87E-01	5.87E-01	7.83E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCN240	2.76E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.67E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.10E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MCN240A	2.71E-04	4.30E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.74E-13	1.47E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.07E-01	0.00E+00	6.78E-11	2.20E-09	3.52E-04	1.11E-06	8.13E-04	0.00E+00	6.07E-01	1.71E-09	6.07E-01	6.07E-01	8.13E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MCN240E	2.84E-04	4.48E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	2.94E-02	1.68E-08	1.33E-04	1.46E-03	0.00E+00	0.00E+00	7.89E-13	1.53E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.97E-06	1.58E-03	6.26E-01	0.00E+00	6.88E-11	2.31E-09	3.69E-04	1.12E-06	8.35E-04	0.00E+00	6.26E-01	1.77E-09	6.26E-01	6.27E-01	8.35E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MCN250	2.91E-04	4.57E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	3.00E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.05E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.61E-03	6.39E-01	0.00E+00	7.02E-11	2.36E-09	3.75E-04	1.14E-06	8.53E-04	0.00E+00	6.39E-01	1.80E-09	6.39E-01	6.40E-01	8.53E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MCN250A	2.92E-04	4.61E-02	0.00E+00	4.61E-02	0.00E+00	0.00E+00	3.02E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.11E-13	1.57E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-06	1.62E-03	6.44E-01	0.00E+00	7.07E-11	2.38E-09	3.78E-04	1.15E-06	8.59E-04	0.00E+00	6.44E-01	1.82E-09	6.44E-01	6.45E-01	8.59E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MCN250E	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.74E-08	1.37E-04	1.51E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.46E-01	0.00E+00	7.10E-11	2.38E-09	3.80E-04	1.16E-06	8.62E-04	0.00E+00	6.46E-01	1.82E-09	6.46E-01	6.47E-01	8.62E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MCN263	2.91E-04	4.57E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	3.00E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.05E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.61E-03	6.39E-01	0.00E+00	7.02E-11	2.36E-09	3.75E-04	1.14E-06	8.53E-04	0.00E+00	6.39E-01	1.80E-09	6.39E-01	6.40E-01	8.53E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MCN263A	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.45E-01	0.00E+00	7.09E-11	2.38E-09	3.79E-04	1.16E-06	8.61E-04	0.00E+00	6.45E-01	1.82E-09	6.45E-01	6.46E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MCN263E	2.92E-04	4.61E-02	0.00E+00	4.61E-02	0.00E+00	0.00E+00	3.02E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.11E-13	1.57E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-06	1.62E-03	6.44E-01	0.00E+00	7.07E-11	2.38E-09	3.78E-04	1.15E-06	8.59E-04	0.00E+00	6.44E-01	1.82E-09	6.44E-01	6.45E-01	8.59E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MCN300	4.07E-04	6.42E-02	0.00E+00	6.42E-02	0.00E+00	0.00E+00	4.21E-02	2.41E-08	1.90E-04	2.09E-03	0.00E+00	0.00E+00	1.13E-12	2.18E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.26E-03	8.99E-01	0.00E+00	9.86E-11	3.31E-09	5.27E-04	1.61E-06	1.20E-03	0.00E+00	8.99E-01	2.53E-09	8.99E-01	8.99E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
MCN300E	4.26E-04	6.61E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.86E-06	2.32E-03	9.19E-01	0.00E+00	1.02E-10	3.41E-09	5.41E-04	1.66E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MCN301	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-06	2.35E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MCN301E	4.15E-04	6.55E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.30E-02	2.46E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.30E-03	9.15E-01	0.00E+00	1.01E-10	3.38E-09	5.39E-04	1.64E-06	1.22E-03	0.00E+00	9.15E-01	2.58E-09	9.15E-01	9.16E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MCN302	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MCN302E	4.51E-04	6.67E-02	0.00E+00	6.67E-02	0.00E+00	0.00E+00	4.37E-02	2.50E-08	1.98E-04	2.17E-03	0.00E+00	0.00E+00	1.17E-12	2.27E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-06	2.34E-03	9.32E-01	0.00E+00	1.02E-10	3.44E-09	5.49E-04	1.67E-06	1.24E-03	0.00E+00	9.32E-01	2.63E-09	9.32E-01	9.33E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
MCN303	4.39E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.21E-01	0.00E+00	1.02E-10	3.42E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.21E-01	2.60E-09	9.21E-01	9.28E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MCN303E	4.26E-04	6.61E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.96E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-06	2.32E-03	9.19E-01	0.00E+00	1.01E-10	3.41E-09	5.41E-04	1.65E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MCN304	4.39E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.21E-01	0.00E+00	1.02E-10	3.42E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.21E-01	2.60E-09	9.21E-01	9.28E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MCN304E	4.17E-04	6.53E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.28E-02	2.45E-08	1.94E-04	2.12E-03	0.00E+00	0.00E+00	1.15E-12	2.22E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-06	2.30E-03	9.11E-01	0.00E+00	1.00E-10	3.37E-09	5.35E-04	1.63E-06	1.22E-03	0.00E+00	9.11E-01	2.57E-09	9.11E-01	9.14E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
MCN306	3.39E-04	5.36E-02	0.00E+00	5.36E-02	0.00E+00	0.00E+00	3.51E-02	2.02E-08	1.59E-04	1.75E-03	0.00E+00	0.00E+00	9.46E-13	1.83E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.89E-03	7.48E-01	0.00E+00	8.25E-11	2.76E-09	4.40E-04	1.35E-06	9.99E-04	0.00E+00	7.48E-01	2.11E-09	7.48E-01	7.49E-01	9.99E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
MCN306A	3.51E-04	5.53E-02	0.00E+00	5.53E-02	0.00E+00	0.00E+00	3.63E-02	2.08E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	9.73E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-06	1.94E-03	7.73E-01	0.00E+00	8.49E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.73E-01	2.18E-09	7.73E-01	7.74E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MCN306E	3.42E-04	5.40E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	3.54E-02	2.03E-08	1.61E-04	1.76E-03	0.00E+00	0.00E+00	9.50E-13	1.84E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.90E-03	7.54E-01	0.00E+00	8.29E-11	2.79E-09	4.44E-04	1.35E-06	1.01E-03	0.00E+00	7.54E-01	2.13E-09	7.54E-01	7.55E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
MCN308	3.32E-04	5.05E-02	0.00E+00	5.05E-02	0.00E+00	0.00E+00	3.37E-02	1.94E-08	1.49E-04	1.64E-03	0.00E+00	0.00E+00	9.12E-13	1.74E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.81E-03	7.18E-01	0.00E+00	7.93E-11	2.59E-09	4.13E-04	1.30E-06	9.62E-04	0.00E+00	7.18E-01	2.02E-09	7.18E-01	7.11E-01	9.62E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-04
MCN310	3.43E-04	5.40E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	3.54E-02	2.03E-08	1.60E-04	1.76E-03	0.00E+00	0.00E+00	9.50E-13	1.84E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.90E-03	7.53E-01	0.00E+00	8.29E-11	2.78E-09	4.43E-04	1.35E-06	1.01E-03	0.00E+00	7.53E-01	2.13E-09	7.53E-01	7.55E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
MCN310A	3.37E-04	5.32E-02	0.00E+00	5.32E-02	0.00E+00	0.00E+00	3.49E-02	2.00E-08	1.59E-04	1.74E-03	0.00E+00	0.00E+00	9.36E-13	1.81E-11	1.30E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-06	1.87E-03	7.43E-01	0.00E+00	8.16E-11	2.74E-09	4.39E-04	1.33E-06	9.91E-04	0.00E+00	7.43E-01	2.10E-09	7.43E-01	7.44E-01	9.91E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04
MCN310E	3.09E-04	4.86E-02	0.00E+00	4.86E-02	0.00E+00	0.00E+00	3.19E-02	1.83E-08	1.45E-04	1.59E-03	0.00E+00	0.00E+00	8.56E-13	1.66E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-06	1.71E-03	6.80E-01	0.00E+00	7.47E-11	2.51E-09	4.00E-04	1.22E-06	9.07E-04	0.00E+00	6.80E-01	1.92E-09	6.80E-01	6.81E-01	9.07E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MCN313	3.54E-04	5.58E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.66E-02	2.10E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.82E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.79E-01	0.00E+00	8.56E-11	2.88E-09	4.59E-04	1.40E-06	1.04E-03	0.00E+00	7.79E-01	2.20E-09	7.79E-01	7.80E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MCN313E	3.51E-04	5.53E-02	0.00E+00	5.53E-02	0.00E+00	0.00E+00	3.63E-02	2.08E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	9.73E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-06	1.94E-03	7.73E-01	0.00E+00	8.49E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.73E-01	2.18E-09	7.73E-01	7.74E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MCN316	3.54E-04	5.58E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.66E-02	2.10E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.82E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.79E-01	0.00E+00	8.56E-11	2.88E-09	4.59E-04	1.40E-06	1.04E-03	0.00E+00	7.79E-01	2.20E-09	7.79E-01	7.80E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MCN316A	3.54E-04	5.58E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.66E-02	2.10E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.82E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.79E-01	0.00E+00	8.57E-11	2.88E-09	4.58E-04	1.40E-06	1.04E-03	0.00E+00	7.79E-01	2.20E-09	7.79E-01	7.81E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MCN316E	3.08E-04	4.86E-02	0.00E+00	4.86E-02	0.00E+00	0.00E+00	3.19E-02	1.82E-08	1.44E-04	1.58E-03	0.00E+00	0.00E+00	8.55E-13	1.65E-11	1.18E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-06	1.71E-03	6.78E-01	0.00E+00	7.45E-11	2.50E-09	3.99E-04	1.22E-06	9.05E-04	0.00E+00	6.78E-01	1.91E-09	6.78E-01	6.79E-01	9.05E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
MCN320	3.53E-04	5.56E-02	0.00E+00	5.56E-02	0.00E+00	0.00E+00	3.65E-02	2.09E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.79E-13	1.89E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.92E-06	1.95E-03	7.77E-01	0.00E+00	8.54E-11	2.87E-09	4.57E-04	1.39E-06	1.04E-03	0.00E+00	7.77E-01	2.19E-09	7.77E-01	7.78E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
MCN320A	3.63E-04	5.72E-02	0.00E+00	5.72E-02	0.00E+00	0.00E+00	3.75E-02	2.15E-08	1.70E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.95E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.07E-06	2.01E-03	7.99E-01	0.00E+00	8.79E-11	2.95E-09	4.71E-04	1.43E-06	1.07E-03	0.00E+00	7.99E-01	2.26E-09	7.99E-01	8.01E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
MCN320E	3.62E-04	5.70E-02	0.00E+00	5.70E-02	0.00E+00	0.00E+00	3.74E-02	2.14E-08	1.70E-04	1.86E-03	0.00E+00	0.00E+00	1.00E-12	1.94E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-06	2.01E-03	7.97E-01	0.00E+00	8.76E-11	2.94E-09	4.69E-04	1.43E-06	1.06E-03	0.00E+00	7.97E-01	2.25E-09	7.97E-01	7.98E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MCN325	3.59E-04	5.66E-02	0.00E+00	5.66E-02	0.00E+00	0.00E+00	3.71E-02	2.13E-08	1.68E-04	1.85E-03	0.00E+00	0.00E+00	9.96E-13	1.93E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-06	1.99E-03	7.91E-01	0.00E+00	8.69E-11	2.92E-09	4.65E-04	1.42E-06	1.05E-03	0.00E+00	7.91E-01	2.23E-09	7.91E-01	7.92E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
MCN325A	3.51E-04	5.54E-02	0.00E+00	5.54E-02	0.00E+00	0.00E+00	3.63E-02	2.08E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.74E-13	1.89E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-06	1.95E-03	7.74E-01	0.00E+00	8.50E-11	2.85E-09	4.56E-04	1.39E-06	1.03E-03	0.00E+00	7.74E-01	2.18E-09	7.74E-01	7.74E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
MCN325E	3.61E-04	5.70E-02	0.00E+00	5.70E-02	0.00E+00	0.00E+00	3.74E-02	2.14E-08	1.69E-04	1.86E-03	0.00E+00	0.00E+00	1.00E-12	1.94E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.04E-06	2.00E-03	7.96E-01	0.00E+00	8.75E-11	2.94E-09	4.69E-04	1.43E-06	1.06E-03	0.00E+00	7.96E-01	2.25E-09	7.96E-01	7.97E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MCN332	4.24E-04	6.68E-02	0.00E+00	6.68E-02	0.00E+00	0.00E+00	4.38E-02	2.51E-08	1.99E-04	2.18E-03	0.00E+00	0.00E+00	1.18E-12	2.28E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.92E-06	2.35E-03	9.34E-01	0.00E+00	1.03E-10	3.45E-09	5.50E-04	1.67E-06	1.25E-03	0.00E+00	9.34E-01	2.63E-09	9.34E-01	9.35E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
MCN332A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-06	2.35E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MCN332E	3.95E-04	6.23E-02	0.00E+00	6.23E-02	0.00E+00	0.00E+00	4.09E-02	2.34E-08	1.85E-04	2.03E-03	0.00E+00	0.00E+00	1.10E-12	2.12E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-06	2.19E-03	8.70E-01	0.00E+00	9.56E-11	3.21E-09	5.12E-04	1.56E-06	1.16E-03	0.00E+00	8.70E-01	2.46E-09	8.70E-01	8.71E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MCN340	4.30E-04	6.78E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.44E-02	2.55E-08	2.01E-04	2.21E-03	0.00E+00	0.00E+00	1.19E-12	2.31E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.38E-03	9.47E-01	0.00E+00	1.04E-10	3.49E-09	5.57E-04	1.70E-06	1.26E-03	0.00E+00	9.47E-01	2.67E-09	9.47E-01	9.48E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MCN340A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.90E-06	2.35E-03	9.24E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.24E-01	2.61E-09	9.24E-01	9.28E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MCN340E	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.11E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MCN350	4.43E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.46E-03	9.77E-01	0.00E+00	1.07E-10	3.60E-09	5.76E-04	1.75E-06	1.30E-03	0.00E+00	9.77E-01	2.76E-09	9.77E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MCN350A	4.43E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-06	2.46E-03	9.78E-01	0.00E+00	1.07E-10	3.60E-09	5.76E-04	1.75E-06	1.30E-03	0.00E+00	9.78E-01	2.76E-09	9.78E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MCN350E	4.29E-04	6.76E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.43E-02	2.54E-08	2.01E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.38E-03	9.44E-01	0.00E+00	1.04E-10	3.48E-09	5.56E-04	1.69E-06	1.26E-03	0.00E+00	9.44E-01	2.66E-09	9.44E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MCN363	4.43E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.46E-03	9.77E-01	0.00E+00	1.07E-10	3.60E-09	5.76E-04	1.75E-06	1.30E-03	0.00E+00	9.77E-01	2.76E-09	9.77E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MCN363A	4.30E-04	6.78E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.45E-02	2.55E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.19E-12	2.31E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.38E-03	9.50E-01	0.00E+00	1.04E-10	3.50E-09	5.60E-04	1.70E-06	1.26E-03	0.00E+00	9.50E-01	2.68E-09	9.50E-01	9.48E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MCN363E	4.29E-04	6.76E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.43E-02	2.54E-08	2.01E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.38E-03	9.44E-01	0.00E+00	1.04E-10	3.48E-09	5.56E-04	1.69E-06	1.26E-03	0.00E+00	9.44E-01	2.66E-09	9.44E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MCN400	5.43E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.01E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MCN400E	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.72E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.73E-01	0.00E+00	8.48E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.73E-01	2.18E-09	7.73E-01	7.73E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MCN401	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MCN401E	5.42E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MCN402	5.43E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.01E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MCN402E	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MCN403	5.10E-04	8.09E-02	0.00E+00	8.09E-02	0.00E+00	0.00E+00	5.28E-02	3.02E-08	2.39E-04	2.62E-03	0.00E+00	0.00E+00	1.42E-12	2.77E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-06	2.86E-03	1.12E+00	0.00E+00	1.24E-10	4.15E-09	6.61E-04	2.02E-06	1.50E-03	0.00E+00	1.12E+00	3.17E-09	1.12E+00	1.13E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MCN404	5.45E-04	8.58E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	5.63E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.06E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MCN404E	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MCN406	4.82E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.07E+00	0.00E+00	1.17E-10	3.92E-09	6.27E-04	1.90E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MCN406A	4.51E-04	7.11E-02	0.00E+00	7.11E-02	0.00E+00	0.00E+00	4.66E-02	2.67E-08	2.11E-04	2.32E-03	0.00E+00	0.00E+00	1.25E-12	2.42E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.30E-06	2.50E-03	9.93E-01	0.00E+00	1.09E-10	3.67E-09	5.85E-04	1.78E-06	1.33E-03	0.00E+00	9.93E-01	2.80E-09	9.93E-01	9.95E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MCN410	4.82E-04	7.59E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	4.98E-02	2.85E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.91E-09	6.25E-04	1.90E-06	1.41E-03	0.00E+00	1.06E+00	2.99E-09	1.06E+00	1.06E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
MCN410A	4.86E-04	7.66E-02	0.00E+00	7.66E-02	0.00E+00	0.00E+00	5.02E-02	2.88E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.35E-12	2.61E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-06	2.69E-03	1.07E+00	0.00E+00	1.18E-10	3.95E-09	6.31E-04	1.92E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.07E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MCN410E	4.31E-04	6.81E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.49E-02	2.56E-08	2.04E-04	2.24E-03	0.00E+00	0.00E+00	1.20E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-06	2.40E-03	9.61E-01	0.00E+00	1.05E-10	3.51E-09	5.64E-04	1.71E-06	1.28E-03	0.00E+00	9.61E-01	2.70E-09	9.61E-01	9.58E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.61E-04
MCN413	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.92E-09	6.26E-04	1.90E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
MCN413E	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.92E-09	6.26E-04	1.90E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
MCN416	4.74E-04	7.47E-02	0.00E+00	7.47E-02	0.00E+00	0.00E+00	4.90E-02	2.81E-08	2.22E-04	2.44E-03	0.00E+00	0.00E+00	1.31E-12	2.54E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.63E-03	1.04E+00	0.00E+00	1.15E-10	3.85E-09	6.15E-04	1.87E-06	1.39E-03	0.00E+00	1.04E+00	2.95E-09	1.04E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MCN416A	4.91E-04	7.74E-02	0.00E+00	7.74E-02	0.00E+00	0.00E+00	5.08E-02	2.91E-08	2.30E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	3.99E-09	6.36E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.04E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
MCN416E	4.71E-04	7.43E-02	0.00E+00	7.43E-02	0.00E+00	0.00E+00	4.87E-02	2.79E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.83E-09	6.11E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MCN420	4.74E-04	7.47E-02	0.00E+00	7.47E-02	0.00E+00	0.00E+00	4.90E-02	2.81E-08	2.22E-04	2.44E-03	0.00E+00	0.00E+00	1.31E-12	2.54E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.63E-03	1.04E+00	0.00E+00	1.15E-10	3.85E-09	6.15E-04	1.87E-06	1.39E-03	0.00E+00	1.04E+00	2.95E-09	1.04E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MCN420A	4.83E-04	7.62E-02	0.00E+00	7.62E-02	0.00E+00	0.00E+00	5.00E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-06	2.68E-03	1.07E+00	0.00E+00	1.17E-10	3.93E-09	6.28E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MCN420E	4.88E-04	7.69E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	5.05E-02	2.89E-08	2.29E-04	2.51E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-06	2.70E-03	1.07E+00	0.00E+00	1.18E-10	3.97E-09	6.33E-04	1.93E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.08E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04
MCN425	4.83E-04	7.62E-02	0.00E+00	7.62E-02	0.00E+00	0.00E+00	5.00E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-06	2.68E-03	1.07E+00	0.00E+00	1.17E-10	3.93E-09	6.28E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04

MCN425A	4.84E-04	7.83E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.07E-02	2.93E-08	2.44E-04	2.77E-03	0.00E+00	0.00E+00	1.45E-12	2.75E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.87E-03	1.12E+00	0.00E+00	1.26E-10	4.34E-09	6.77E-04	1.98E-06	1.54E-03	0.00E+00	1.12E+00	3.13E-09	1.12E+00	1.11E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
MCN425E	4.84E-04	7.63E-02	0.00E+00	7.63E-02	0.00E+00	0.00E+00	5.00E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-06	2.68E-03	1.07E+00	0.00E+00	1.17E-10	3.93E-09	6.27E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MCN432	5.45E-04	8.58E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	5.63E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.06E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MCN432A	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MCN432E	5.28E-04	8.33E-02	0.00E+00	8.33E-02	0.00E+00	0.00E+00	5.46E-02	3.13E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.93E-03	1.16E+00	0.00E+00	1.28E-10	4.29E-09	6.85E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.28E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
MCN440	5.45E-04	8.58E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	5.63E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.06E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MCN440A	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MCN440E	5.28E-04	8.33E-02	0.00E+00	8.33E-02	0.00E+00	0.00E+00	5.46E-02	3.13E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.93E-03	1.16E+00	0.00E+00	1.28E-10	4.29E-09	6.85E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.28E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
MCN450	5.80E-04	9.15E-02	0.00E+00	9.15E-02	0.00E+00	0.00E+00	6.00E-02	3.44E-08	2.72E-04	2.99E-03	0.00E+00	0.00E+00	1.61E-12	3.12E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.72E-09	7.53E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.61E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
MCN450A	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.04E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.75E-09	7.56E-04	2.30E-06	1.72E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MCN450E	5.77E-04	9.10E-02	0.00E+00	9.10E-02	0.00E+00	0.00E+00	5.97E-02	3.42E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.60E-12	3.10E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-06	3.20E-03	1.27E+00	0.00E+00	1.40E-10	4.69E-09	7.49E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.59E-09	1.27E+00	1.27E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MCN463	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.04E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.75E-09	7.56E-04	2.30E-06	1.72E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MCN463A	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.04E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.75E-09	7.56E-04	2.30E-06	1.72E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MCN463E	5.80E-04	9.15E-02	0.00E+00	9.15E-02	0.00E+00	0.00E+00	6.00E-02	3.44E-08	2.72E-04	2.99E-03	0.00E+00	0.00E+00	1.61E-12	3.12E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.72E-09	7.53E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.61E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
MCN500	2.72E-04	4.28E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.81E-02	1.61E-08	1.28E-04	1.41E-03	0.00E+00	0.00E+00	7.53E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.50E-03	6.00E-01	0.00E+00	6.57E-11	2.21E-09	3.54E-04	1.07E-06	7.98E-04	0.00E+00	6.00E-01	1.69E-09	6.00E-01	5.99E-01	7.98E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCN501	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MCN502	2.71E-04	4.29E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.70E-13	1.46E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.54E-03	6.06E-01	0.00E+00	6.75E-11	2.20E-09	3.52E-04	1.10E-06	8.11E-04	0.00E+00	6.06E-01	1.71E-09	6.06E-01	6.06E-01	8.11E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MCN503	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MCN504	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MCN506	2.23E-04	3.51E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.30E-02	1.32E-08	1.05E-04	1.15E-03	0.00E+00	0.00E+00	6.18E-13	1.20E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.23E-03	4.91E-01	0.00E+00	5.39E-11	1.81E-09	2.90E-04	8.80E-07	6.55E-04	0.00E+00	4.91E-01	1.39E-09	4.91E-01	4.91E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MCN506E	2.23E-04	3.51E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.30E-02	1.32E-08	1.05E-04	1.15E-03	0.00E+00	0.00E+00	6.18E-13	1.20E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.23E-03	4.91E-01	0.00E+00	5.39E-11	1.81E-09	2.90E-04	8.80E-07	6.55E-04	0.00E+00	4.91E-01	1.39E-09	4.91E-01	4.91E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MCN508E	2.31E-04	3.63E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.38E-02	1.36E-08	1.08E-04	1.18E-03	0.00E+00	0.00E+00	6.39E-13	1.24E-11	8.85E-05	0.00E+00	0.00E+00	0.00E+00	3.21E-06	1.28E-03	5.07E-01	0.00E+00	5.57E-11	1.87E-09	2.99E-04	9.09E-07	6.77E-04	0.00E+00	5.07E-01	1.43E-09	5.07E-01	5.08E-01	6.77E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
MCN510	2.23E-04	3.51E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.30E-02	1.32E-08	1.05E-04	1.15E-03	0.00E+00	0.00E+00	6.18E-13	1.20E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.24E-03	4.91E-01	0.00E+00	5.39E-11	1.81E-09	2.90E-04	8.80E-07	6.55E-04	0.00E+00	4.91E-01	1.39E-09	4.91E-01	4.92E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MCN510E	2.23E-04	3.51E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.30E-02	1.32E-08	1.04E-04	1.15E-03	0.00E+00	0.00E+00	6.18E-13	1.20E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.23E-03	4.91E-01	0.00E+00	5.39E-11	1.81E-09	2.89E-04	8.79E-07	6.55E-04	0.00E+00	4.91E-01	1.38E-09	4.91E-01	4.91E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MCN513	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.24E-02	1.28E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.01E-13	1.16E-11	8.33E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	1.20E-03	4.77E-01	0.00E+00	5.24E-11	1.76E-09	2.81E-04	8.55E-07	6.37E-04	0.00E+00	4.77E-01	1.35E-09	4.77E-01	4.78E-01	6.37E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MCN513E	2.33E-04	3.68E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.41E-02	1.38E-08	1.09E-04	1.20E-03	0.00E+00	0.00E+00	6.47E-13	1.25E-11	8.97E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.29E-03	5.14E-01	0.00E+00	5.65E-11	1.90E-09	3.02E-04	9.21E-07	6.86E-04	0.00E+00	5.14E-01	1.45E-09	5.14E-01	5.15E-01	6.86E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MCN516	2.25E-04	3.55E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.33E-02	1.33E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.25E-13	1.21E-11	8.66E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-06	1.25E-03	4.96E-01	0.00E+00	5.45E-11	1.83E-09	2.93E-04	8.89E-07	6.62E-04	0.00E+00	4.96E-01	1.40E-09	4.96E-01	4.97E-01	6.62E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
MCN516E	2.40E-04	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.48E-02	1.42E-08	1.12E-04	1.23E-03	0.00E+00	0.00E+00	6.65E-13	1.29E-11	9.21E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-06	1.33E-03	5.28E-01	0.00E+00	5.80E-11	1.95E-09	3.11E-04	9.46E-07	7.04E-04	0.00E+00	5.28E-01	1.49E-09	5.28E-01	5.28E-01	7.04E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04
MCN520	2.33E-04	3.68E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	2.41E-02	1.38E-08	1.09E-04	1.20E-03	0.00E+00	0.00E+00	6.47E-13	1.25E-11	8.97E-05	0.00E+00	0.00E+00	0.00E+00	3.26E-06	1.29E-03	5.14E-01	0.00E+00	5.65E-11	1.90E-09	3.02E-04	9.21E-07	6.86E-04	0.00E+00	5.14E-01	1.45E-09	5.14E-01	5.15E-01	6.86E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MCN520E	2.43E-04	3.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.75E-13	1.31E-11	9.36E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.35E-03	5.36E-01	0.00E+00	5.89E-11	1.98E-09	3.16E-04	9.61E-07	7.16E-04	0.00E+00	5.36E-01	1.51E-09	5.36E-01	5.37E-01	7.16E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MCN525	2.42E-04	3.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.32E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.57E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
MCN525E	2.43E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.74E-13	1.30E-11	9.34E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.35E-03	5.35E-01	0.00E+00	5.88E-11	1.98E-09	3.15E-04	9.59E-07	7.14E-04	0.00E+00	5.35E-01	1.51E-09	5.35E-01	5.36E-01	7.14E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MCN532	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MCN532E	2.66E-04	4.20E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.75E-02	1.58E-08	1.25E-04	1.37E-03	0.00E+00	0.00E+00	7.39E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.48E-03	5.87E-01	0.00E+00	6.45E-11	2.17E-09	3.45E-04	1.05E-06	7.83E-04	0.00E+00	5.87E-01	1.66E-09	5.87E-01	5.87E-01	7.83E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCN540	2.77E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.67E-13	1.49E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.10E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MCN540E	2.66E-04	4.20E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.75E-02	1.58E-08	1.25E-04	1.37E-03	0.00E+00	0.00E+00	7.39E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.48E-03	5.87E-01	0.00E+00	6.45E-11	2.17E-09	3.45E-04	1.05E-06	7.83E-04	0.00E+00	5.87E-01	1.66E-09	5.87E-01	5.87E-01	7.83E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
MCN550	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.97E-02	1.70E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	7.97E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-06	1.59E-03	6.32E-01	0.00E+00	6.95E-11	2.33E-09	3.72E-04	1.13E-06	8.44E-04	0.00E+00	6.32E-01	1.78E-09	6.32E-01	6.33E-01	8.44E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MCN550E	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.97E-02	1.70E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	7.97E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-06	1.59E-03	6.32E-01	0.00E+00	6.95E-11	2.33E-09	3.72E-04	1.13E-06	8.44E-04	0.00E+00	6.32E-01	1.78E-09	6.32E-01	6.33E-01	8.44E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MCN563	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.45E-01	0.00E+00	7.09E-11	2.38E-09	3.79E-04	1.16E-06	8.61E-04	0.00E+00	6.45E-01	1.82E-09	6.45E-01	6.46E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MCN563E	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.97E-02	1.70E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	7.97E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-06	1.59E-03	6.32E-01	0.00E+00	6.95E-11	2.33E-09	3.72E-04	1.13E-06	8.44E-04	0.00E+00	6.32E-01	1.78E-09	6.32E-01	6.33E-01	8.44E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MCN600	5.52E-04	8.69E-02	0.00E+00	8.69E-02	0.00E+00	0.00E+00	5.70E-02	3.26E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.53E-12	2.96E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.48E-09	7.14E-04	2.17E-06	1.62E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.21E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
MCN601	5.30E-04	8.36E-02	0.00E+00	8.36E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.47E-12	2.85E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.88E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.30E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
MCN602	5.43E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.01E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MCN603	5.30E-04	8.35E-02	0.00E+00	8.35E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.87E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.29E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
MCN604	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MCN606	4.33E-04	6.84E-02	0.00E+00	6.84E-02	0.00E+00	0.00E+00	4.51E-02	2.57E-08	2.04E-04	2.24E-03	0.00E+00	0.00E+00	1.20E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.08E-06	2.40E-03	9.63E-01	0.00E+00	1.05E-10	3.53E-09	5.65E-04	1.71E-06	1.28E-03	0.00E+00	9.63E-01	2.70E-09	9.63E-01	9.62E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
MCN606E	4.48E-04	7.07E-02	0.00E+00	7.07E-02	0.00E+00	0.00E+00	4.63E-02	2.65E-08	2.10E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.41E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-06	2.48E-03	9.87E-01	0.00E+00	1.08E-10	3.64E-09	5.81E-04	1.77E-06	1.32E-03	0.00E+00	9.87E-01	2.79E-09	9.87E-01	9.88E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
MCN610	4.48E-04	7.12E-02	0.00E+00	7.12E-02	0.00E+00	0.00E+00	4.64E-02	2.67E-08	2.10E-04	2.31E-03	0.00E+00	0.00E+00	1.26E-12	2.42E-11	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-06	2.51E-03	9.88E-01	0.00E+00	1.10E-10	3.65E-09	5.82E-04	1.78E-06	1.33E-03	0.00E+00	9.88E-01	2.79E-09	9.88E-01	9.95E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.71E-04
MCN610E	4.60E-04	7.25E-02	0.00E+00	7.25E-02	0.00E+00	0.00E+00	4.76E-02	2.72E-08	2.16E-04	2.37E-03	0.00E+00	0.00E+00	1.28E-12	2.47E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.42E-06	2.55E-03	1.01E+00	0.00E+00	1.11E-10	3.74E-09	5.97E-04	1.82E-06	1.35E-03	0.00E+00	1.01E+00	2.86E-09	1.01E+00	1.01E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.76E-04
MCN613	4.82E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.92E-09	6.26E-04	1.90E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
MCN613E	4.71E-04	7.42E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.87E-02	2.79E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.83E-09	6.11E-04	1.86E-06	1.38E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MCN616	4.80E-04	7.57E-02	0.00E+00	7.57E-02	0.00E+00	0.00E+00	4.96E-02	2.84E-08	2.25E-04	2.47E-03	0.00E+00	0.00E+00	1.33E-12	2.58E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-06	2.66E-03	1.06E+00	0.00E+00	1.16E-10	3.90E-09	6.22E-04	1.89E-06	1.41E-03	0.00E+00	1.06E+00	2.98E-09	1.06E+00	1.06E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
MCN616E	4.75E-04	7.49E-02	0.00E+00	7.49E-02	0.00E+00	0.00E+00	4.92E-02	2.82E-08	2.23E-04	2.44E-03	0.00E+00	0.00E+00	1.32E-12	2.55E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-06	2.63E-03	1.05E+00	0.00E+00	1.15E-10	3.87E-09	6.16E-04	1.88E-06	1.40E-03	0.00E+00	1.05E+00	2.95E-09	1.05E+00	1.05E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MCN620	4.93E-04	7.77E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	5.09E-02	2.92E-08	2.31E-04	2.53E-03	0.00E+00	0.00E+00	1.37E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-06	2.73E-03	1.08E+00	0.00E+00	1.19E-10	4.01E-09	6.39E-04	1.94E-06	1.45E-03	0.00E+00	1.08E+00	3.06E-09	1.08E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MCN620E	4.85E-04	7.64E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	5.01E-02	2.87E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-06	2.69E-03	1.07E+00	0.00E+00	1.17E-10	3.94E-09	6.29E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MCN625	4.81E-04	7.58E-02	0.00E+00	7.58E-02	0.00E+00	0.00E+00	4.97E-02	2.85E-08	2.25E-04	2.47E-03	0.00E+00	0.00E+00	1.33E-12	2.58E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-06	2.67E-03	1.06E+00	0.00E+00	1.16E-10	3.91E-09	6.24E-04	1.90E-06	1.41E-03	0.00E+00	1.06E+00	2.99E-09	1.06E+00	1.06E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
MCN625E	4.82E-04	7.60E-02	0.00E+00	7.60E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.85E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.92E-09	6.25E-04	1.90E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
MCN632	5.33E-04	8.40E-02	0.00E+00	8.40E-02	0.00E+00	0.00E+00	5.51E-02	3.16E-08	2.50E-04	2.74E-03	0.00E+00	0.00E+00	1.48E-12	2.86E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.44E-06	2.95E-03	1.17E+00	0.00E+00	1.29E-10	4.33E-09	6.91E-04	2.10E-06	1.57E-03	0.00E+00	1.17E+00	3.31E-09	1.17E+00	1.18E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
MCN632E	5.36E-04	8.45E-02	0.00E+00	8.45E-02	0.00E+00	0.00E+00	5.54E-02	3.18E-08	2.51E-04	2.76E-03	0.00E+00	0.00E+00	1.49E-12	2.88E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-06	2.97E-03	1.18E+00	0.00E+00	1.30E-10	4.36E-09	6.95E-04	2.12E-06	1.58E-03	0.00E+00	1.18E+00	3.33E-09	1.18E+00	1.18E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
MCN640	5.42E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MCN640E	5.65E-04	8.91E-02	0.00E+00	8.91E-02	0.00E+00	0.00E+00	5.84E-02	3.35E-08	2.65E-04	2.91E-03	0.00E+00	0.00E+00	1.57E-12	3.03E-11	2.17E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-06	3.13E-03	1.24E+00	0.00E+00	1.37E-10	4.59E-09	7.33E-04	2.23E-06	1.66E-03	0.00E+00	1.24E+00	3.51E-09	1.24E+00	1.25E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.39E-04
MCN650	5.77E-04	9.10E-02	0.00E+00	9.10E-02	0.00E+00	0.00E+00	5.97E-02	3.42E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.60E-12	3.10E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-06	3.20E-03	1.27E+00	0.00E+00	1.40E-10	4.69E-09	7.49E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.59E-09	1.27E+00	1.27E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MCN650E	5.71E-04	9.00E-02	0.00E+00	9.00E-02	0.00E+00	0.00E+00	5.91E-02	3.38E-08	2.68E-04	2.94E-03	0.00E+00	0.00E+00	1.58E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-06	3.17E-03	1.26E+00	0.00E+00	1.38E-10	4.64E-09	7.41E-04	2.25E-06	1.68E-03	0.00E+00	1.26E+00	3.55E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04
MCN663	5.80E-04	9.15E-02	0.00E+00	9.15E-02	0.00E+00	0.00E+00	6.00E-02	3.44E-08	2.72E-04	2.99E-03	0.00E+00	0.00E+00	1.61E-12	3.12E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.72E-09	7.53E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.61E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.48E-04
MCN663E	5.79E-04	9.12E-02	0.00E+00	9.12E-02	0.00E+00	0.00E+00	5.98E-02	3.43E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.08E-06	3.21E-03	1.27E+00	0.00E+00	1.40E-10	4.70E-09	7.50E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.60E-09	1.27E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
MCS006C	1.09E-04	1.72E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.13E-02	6.44E-09	5.10E-05	5.60E-04	0.00E+00	0.00E+00	3.02E-13	5.84E-12	4.18E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-06	6.03E-04	2.40E-01	0.00E+00	2.63E-11	8.85E-10	1.41E-04	4.30E-07	3.20E-04	0.00E+00	2.40E-01	6.76E-10	2.40E-01	2.40E-01	3.20E-04	0.00E+00	0.00E+00	0.00E+00	6.52E-05
MCS010C	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.14E-02	6.51E-09	5.16E-05	5.66E-04	0.00E+00	0.00E+00	3.05E-13	5.90E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.09E-04	2.42E-01	0.00E+00	2.66E-11	8.94E-10	1.43E-04	4.34E-07	3.23E-04	0.00E+00	2.42E-01	6.84E-10	2.42E-01	2.42E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05
MCS013C	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.50E-09	5.14E-05	5.64E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.08E-04	2.42E-01	0.00E+00	2.65E-11	8.92E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.82E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
MCS016C	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.50E-09	5.14E-05	5.64E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.08E-04	2.42E-01	0.00E+00	2.65E-11	8.92E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.82E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
MCS020C	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.15E-02	6.57E-09	5.20E-05	5.71E-04	0.00E+00	0.00E+00	3.08E-13	5.96E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.15E-04	2.45E-01	0.00E+00	2.69E-11	9.03E-10	1.44E-04	4.38E-07	3.26E-04	0.00E+00	2.45E-01	6.90E-10	2.45E-01	2.45E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
MCS106	1.11E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.55E-09	5.18E-05	5.68E-04	0.00E+00	0.00E+00	3.07E-13	5.93E-12	4.25E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.13E-04	2.43E-01	0.00E+00	2.68E-11	8.99E-10	1.43E-04	4.36E-07	3.25E-04	0.00E+00	2.43E-01	6.87E-10	2.43E-01	2.44E-01	3.25E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05
MCS110	1.00E-04	1.58E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.04E-02	5.94E-09	4.70E-05	5.16E-04	0.00E+00	0.00E+00	2.78E-13	5.38E-12	3.86E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-06	5.56E-04	2.21E-01	0.00E+00	2.43E-11	8.15E-10	1.30E-04	3.96E-07	2.95E-04	0.00E+00	2.21E-01	6.23E-10	2.21E-01	2.21E-01	2.95E-04	0.00E+00	0.00E+00	0.00E+00	6.01E-05
MCS113	9.77E-05	1.54E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.01E-02	5.79E-09	4.58E-05	5.02E-04	0.00E+00	0.00E+00	2.71E-13	5.25E-12	3.76E-05	0.00E+00	0.00E+00	0.00E+00	1.36E-06	5.42E-04	2.15E-01	0.00E+00	2.37E-11	7.95E-10	1.27E-04	3.86E-07	2.87E-04	0.00E+00	2.15E-01	6.07E-10	2.15E-01	2.16E-01	2.87E-04	0.00E+00	0.00E+00	0.00E+00	5.86E-05
MCS116	9.96E-05	1.57E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.03E-02	5.90E-09	4.67E-05	5.12E-04	0.00E+00	0.00E+00	2.76E-13	5.35E-12	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.39E-06	5.52E-04	2.19E-01	0.00E+00	2.41E-11	8.10E-10	1.29E-04	3.93E-07	2.93E-04	0.00E+00	2.19E-01	6.19E-10	2.19E-01	2.20E-01	2.93E-04	0.00E+00	0.00E+00	0.00E+00	5.97E-05
MCS120	1.18E-04	1.85E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.22E-02	6.96E-09	5.51E-05	6.04E-04	0.00E+00	0.00E+00	3.26E-13	6.31E-12	4.52E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-06	6.51E-04	2.59E-01	0.00E+00	2.84E-11	9.56E-10	1.52E-04	4.64E-07	3.45E-04	0.00E+00	2.59E-01	7.30E-10	2.59E-01	2.59E-01	3.45E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-05
MCS120W	1.19E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.24E-02	7.07E-09	5.66E-05	6.21E-04	0.00E+00	0.00E+00	3.31E-13	6.48E-12	4.59E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.62E-04	2.66E-01	0.00E+00	2.89E-11	9.71E-10	1.57E-04	4.71E-07	3.51E-04	0.00E+00	2.66E-01	7.50E-10	2.66E-01	2.63E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.24E-05
MCS125	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.65E-04	5.04E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MCS132	1.43E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.95E-09	6.29E-05	6.90E-04	0.00E+00	0.00E+00	3.73E-13	7.21E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.96E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.95E-04	0.00E+00	2.96E-01	8.35E-10	2.96E-01	2.96E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
MCS140	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.47E-02	8.40E-09	6.64E-05	7.29E-04	0.00E+00	0.00E+00	3.93E-13	7.61E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.86E-04	3.12E-01	0.00E+00	3.43E-11	1.15E-09	1.84E-04	5.60E-07	4.17E-04	0.00E+00	3.12E-01	8.81E-10	3.12E-01	3.13E-01	4.17E-04	0.00E+00	0.00E+00	0.00E+00	8.50E-05
MCS150	1.55E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.50E-02	8.61E-09	6.82E-05	7.48E-04	0.00E+00	0.00E+00	4.04E-13	7.81E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.06E-04	3.20E-01	0.00E+00	3.52E-11	1.18E-09	1.89E-04	5.74E-07	4.27E-04	0.00E+00	3.20E-01	9.04E-10	3.20E-01	3.21E-01	4.27E-04	0.00E+00	0.00E+00	0.00E+00	8.72E-05
MCS163	1.55E-04	2.29E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.50E-02	8.61E-09	6.82E-05	7.48E-04	0.00E+00	0.00E+00	4.04E-13	7.81E-12	5.59E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-06	8.06E-04	3.20E-01	0.00E+00	3.52E-11	1.18E-09	1.89E-04	5.74E-07	4.27E-04	0.00E+00	3.20E-01	9.04E-10	3.20E-01	3.21E-01	4.27E-04	0.00E+00	0.00E+00	0.00E+00	8.72E-05

MCS206C	2.17E-04	3.47E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.81E-01	0.00E+00	5.26E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MCS206E	2.26E-04	3.55E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.33E-02	1.33E-08	1.05E-04	1.16E-03	0.00E+00	0.00E+00	6.25E-13	1.21E-11	8.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	1.25E-03	4.96E-01	0.00E+00	5.46E-11	1.83E-09	2.92E-04	8.90E-07	6.63E-04	0.00E+00	4.96E-01	1.40E-09	4.96E-01	4.97E-01	6.63E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
MCS210C	2.17E-04	3.47E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.81E-01	0.00E+00	5.26E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MCS210E	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.21E-04	1.62E-03	0.00E+00	0.00E+00	6.04E-13	1.18E-11	8.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.27E-11	1.86E-09	3.79E-04	8.63E-07	6.43E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.86E-01	6.43E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MCS213C	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.17E-04	1.58E-03	0.00E+00	0.00E+00	6.04E-13	1.18E-11	8.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.27E-11	1.86E-09	3.79E-04	8.63E-07	6.43E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.86E-01	6.43E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MCS216C	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.17E-04	1.58E-03	0.00E+00	0.00E+00	6.04E-13	1.18E-11	8.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.27E-11	1.86E-09	3.79E-04	8.63E-07	6.43E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.86E-01	6.43E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MCS216E	2.21E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.28E-02	1.31E-08	1.07E-04	1.38E-03	0.00E+00	0.00E+00	6.12E-13	1.18E-11	8.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.85E-01	0.00E+00	5.33E-11	1.79E-09	3.39E-04	8.70E-07	6.48E-04	0.00E+00	4.85E-01	1.37E-09	4.85E-01	4.89E-01	6.48E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MCS220C	2.20E-04	3.49E-02	0.00E+00	3.49E-02	0.00E+00	0.00E+00	2.27E-02	1.31E-08	1.07E-04	1.38E-03	0.00E+00	0.00E+00	6.10E-13	1.18E-11	8.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-06	1.22E-03	4.84E-01	0.00E+00	5.32E-11	1.79E-09	3.38E-04	8.68E-07	6.46E-04	0.00E+00	4.84E-01	1.37E-09	4.84E-01	4.87E-01	6.46E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MCS220E	2.28E-04	3.59E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.35E-02	1.35E-08	1.07E-04	1.17E-03	0.00E+00	0.00E+00	6.32E-13	1.22E-11	8.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-06	1.26E-03	5.01E-01	0.00E+00	5.51E-11	1.85E-09	2.95E-04	8.99E-07	6.69E-04	0.00E+00	5.01E-01	1.41E-09	5.01E-01	5.02E-01	6.69E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
MCS225E	2.78E-04	4.39E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-08	1.30E-04	1.43E-03	0.00E+00	0.00E+00	7.72E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-06	1.54E-03	6.13E-01	0.00E+00	6.73E-11	2.26E-09	3.61E-04	1.10E-06	8.18E-04	0.00E+00	6.13E-01	1.73E-09	6.13E-01	6.14E-01	8.18E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MCS240E	2.91E-04	4.58E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.00E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.05E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.61E-03	6.39E-01	0.00E+00	7.02E-11	2.36E-09	3.77E-04	1.15E-06	8.53E-04	0.00E+00	6.39E-01	1.80E-09	6.39E-01	6.40E-01	8.53E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MCS250E	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.04E-11	2.37E-09	3.76E-04	1.15E-06	8.55E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.55E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MCS263E	2.93E-04	4.60E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	3.02E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.10E-13	1.57E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-06	1.62E-03	6.43E-01	0.00E+00	7.07E-11	2.37E-09	3.79E-04	1.15E-06	8.58E-04	0.00E+00	6.43E-01	1.82E-09	6.43E-01	6.44E-01	8.58E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MCS306	3.30E-04	5.21E-02	0.00E+00	5.21E-02	0.00E+00	0.00E+00	3.42E-02	1.96E-08	1.55E-04	1.70E-03	0.00E+00	0.00E+00	9.17E-13	1.77E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-06	1.83E-03	7.28E-01	0.00E+00	8.00E-11	2.69E-09	4.28E-04	1.30E-06	9.71E-04	0.00E+00	7.28E-01	2.05E-09	7.28E-01	7.29E-01	9.71E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-04
MCS306C	3.32E-04	5.06E-02	0.00E+00	5.06E-02	0.00E+00	0.00E+00	3.37E-02	1.94E-08	1.49E-04	1.64E-03	0.00E+00	0.00E+00	9.12E-13	1.74E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.81E-03	7.19E-01	0.00E+00	7.93E-11	2.59E-09	4.13E-04	1.30E-06	9.62E-04	0.00E+00	7.19E-01	2.03E-09	7.19E-01	7.13E-01	9.62E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-04
MCS310	2.97E-04	4.68E-02	0.00E+00	4.68E-02	0.00E+00	0.00E+00	3.07E-02	1.76E-08	1.39E-04	1.53E-03	0.00E+00	0.00E+00	8.23E-13	1.59E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-06	1.64E-03	6.54E-01	0.00E+00	7.18E-11	2.41E-09	3.85E-04	1.17E-06	8.72E-04	0.00E+00	6.54E-01	1.84E-09	6.54E-01	6.54E-01	8.72E-04	0.00E+00	0.00E+00	0.00E+00	1.78E-04
MCS310C	3.65E-04	5.13E-02	0.00E+00	5.13E-02	0.00E+00	0.00E+00	3.41E-02	1.96E-08	1.53E-04	1.73E-03	0.00E+00	0.00E+00	9.23E-13	1.77E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-06	1.83E-03	7.28E-01	0.00E+00	8.03E-11	2.65E-09	4.38E-04	1.32E-06	9.73E-04	0.00E+00	7.28E-01	2.05E-09	7.28E-01	7.21E-01	9.73E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MCS313	3.24E-04	5.10E-02	0.00E+00	5.10E-02	0.00E+00	0.00E+00	3.35E-02	1.92E-08	1.52E-04	1.66E-03	0.00E+00	0.00E+00	8.98E-13	1.74E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-06	1.79E-03	7.13E-01	0.00E+00	7.83E-11	2.63E-09	4.20E-04	1.28E-06	9.51E-04	0.00E+00	7.13E-01	2.01E-09	7.13E-01	7.14E-01	9.51E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MCS313C	2.86E-04	4.51E-02	0.00E+00	4.51E-02	0.00E+00	0.00E+00	2.96E-02	1.70E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.94E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-06	1.59E-03	6.30E-01	0.00E+00	6.93E-11	2.33E-09	3.71E-04	1.13E-06	8.41E-04	0.00E+00	6.30E-01	1.78E-09	6.30E-01	6.31E-01	8.41E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MCS316	2.96E-04	4.66E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	3.06E-02	1.75E-08	1.39E-04	1.52E-03	0.00E+00	0.00E+00	8.21E-13	1.59E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-06	1.64E-03	6.52E-01	0.00E+00	7.16E-11	2.41E-09	3.84E-04	1.17E-06	8.70E-04	0.00E+00	6.52E-01	1.84E-09	6.52E-01	6.53E-01	8.70E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
MCS316C	2.95E-04	4.66E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	3.05E-02	1.75E-08	1.38E-04	1.52E-03	0.00E+00	0.00E+00	8.19E-13	1.59E-11	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-06	1.64E-03	6.50E-01	0.00E+00	7.15E-11	2.40E-09	3.83E-04	1.17E-06	8.68E-04	0.00E+00	6.50E-01	1.84E-09	6.50E-01	6.51E-01	8.68E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04
MCS320	3.49E-04	5.51E-02	0.00E+00	5.51E-02	0.00E+00	0.00E+00	3.61E-02	2.07E-08	1.64E-04	1.80E-03	0.00E+00	0.00E+00	9.69E-13	1.87E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-06	1.94E-03	7.69E-01	0.00E+00	8.45E-11	2.84E-09	4.53E-04	1.38E-06	1.03E-03	0.00E+00	7.69E-01	2.17E-09	7.69E-01	7.70E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.09E-04
MCS320C	3.93E-04	5.24E-02	0.00E+00	5.24E-02	0.00E+00	0.00E+00	3.55E-02	2.01E-08	1.60E-04	1.94E-03	0.00E+00	0.00E+00	9.57E-13	1.85E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-06	1.87E-03	7.50E-01	0.00E+00	8.20E-11	2.80E-09	4.91E-04	1.36E-06	1.00E-03	0.00E+00	7.50E-01	2.10E-09	7.50E-01	7.33E-01	1.00E-03	0.00E+00	0.00E+00	0.00E+00	2.02E-04
MCS325	3.80E-04	6.00E-02	0.00E+00	6.00E-02	0.00E+00	0.00E+00	3.93E-02	2.25E-08	1.78E-04	1.96E-03	0.00E+00	0.00E+00	1.06E-12	2.04E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.11E-03	8.38E-01	0.00E+00	9.21E-11	3.09E-09	4.93E-04	1.50E-06	1.12E-03	0.00E+00	8.38E-01	2.36E-09	8.38E-01	8.39E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MCS332	4.21E-04	6.64E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.97E-04	2.17E-03	0.00E+00	0.00E+00	1.17E-12	2.26E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.33E-03	9.27E-01	0.00E+00	1.02E-10	3.42E-09	5.46E-04	1.66E-06	1.24E-03	0.00E+00	9.27E-01	2.62E-09	9.27E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MCS340	4.32E-04	6.39E-02	0.00E+00	6.39E-02	0.00E+00	0.00E+00	4.19E-02	2.40E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.12E-12	2.17E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.25E-03	8.92E-01	0.00E+00	9.80E-11	3.29E-09	5.25E-04	1.60E-06	1.19E-03	0.00E+00	8.92E-01	2.52E-09	8.92E-01	8.93E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MCS350	4.32E-04	6.81E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.39E-03	9.51E-01	0.00E+00	1.05E-10	3.51E-09	5.60E-04	1.70E-06	1.27E-03	0.00E+00	9.51E-01	2.68E-09	9.51E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MCS363	4.60E-04	6.81E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.39E-03	9.51E-01	0.00E+00	1.05E-10	3.51E-09	5.60E-04	1.70E-06	1.27E-03	0.00E+00	9.51E-01	2.68E-09	9.51E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MCS506	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.21E-04	1.62E-03	0.00E+00	0.00E+00	6.04E-13	1.18E-11	8.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.27E-11	1.86E-09	3.79E-04	8.63E-07	6.43E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.86E-01	6.43E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MCS510	2.21E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.28E-02	1.31E-08	1.07E-04	1.38E-03	0.00E+00	0.00E+00	6.12E-13	1.18E-11	8.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.85E-01	0.00E+00	5.33E-11	1.79E-09	3.39E-04	8.70E-07	6.48E-04	0.00E+00	4.85E-01	1.37E-09	4.85E-01	4.89E-01	6.48E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MCS510E	2.23E-04	3.51E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.30E-02	1.32E-08	1.05E-04	1.15E-03	0.00E+00	0.00E+00	6.18E-13	1.20E-11	8.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-06	1.24E-03	4.91E-01	0.00E+00	5.39E-11	1.81E-09	2.90E-04	8.80E-07	6.55E-04	0.00E+00	4.91E-01	1.39E-09	4.91E-01	4.92E-01	6.55E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04
MCS513	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.78E-01	0.00E+00	5.26E-11	1.77E-09	2.82E-04	8.57E-07	6.38E-04	0.00E+00	4.78E-01	1.35E-09	4.78E-01	4.79E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MCS516	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.78E-01	0.00E+00	5.26E-11	1.77E-09	2.82E-04	8.57E-07	6.38E-04	0.00E+00	4.78E-01	1.35E-09	4.78E-01	4.79E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MCS516E	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.21E-04	1.61E-03	0.00E+00	0.00E+00	6.03E-13	1.18E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.26E-11	1.85E-09	3.78E-04	8.62E-07	6.42E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.85E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MCS520	2.26E-04	3.56E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.33E-02	1.34E-08	1.06E-04	1.16E-03	0.00E+00	0.00E+00	6.26E-13	1.21E-11	8.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-06	1.25E-03	4.97E-01	0.00E+00	5.46E-11	1.83E-09	2.92E-04	8.90E-07	6.63E-04	0.00E+00	4.97E-01	1.40E-09	4.97E-01	4.97E-01	6.63E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04
MCS520E	2.28E-04	3.59E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.35E-02	1.35E-08	1.06E-04	1.17E-03	0.00E+00	0.00E+00	6.31E-13	1.22E-11	8.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-06	1.26E-03	5.01E-01	0.00E+00	5.51E-11	1.85E-09	2.94E-04	8.98E-07	6.69E-04	0.00E+00	5.01E-01	1.41E-09	5.01E-01	5.02E-01	6.69E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
MCS525	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MCS525E	2.51E-04	3.95E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	2.59E-02	1.48E-08	1.18E-04	1.29E-03	0.00E+00	0.00E+00	6.95E-13	1.35E-11	9.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-06	1.39E-03	5.52E-01	0.00E+00	6.06E-11	2.04E-09	3.26E-04	9.88E-07	7.36E-04	0.00E+00	5.52E-01	1.56E-09	5.52E-01	5.52E-01	7.36E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04
MCS532	2.71E-04	4.30E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.75E-13	1.47E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.08E-01	0.00E+00	6.79E-11	2.21E-09	3.53E-04	1.11E-06	8.14E-04	0.00E+00	6.08E-01	1.71E-09	6.08E-01	6.08E-01	8.14E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MCS532E	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MCS540	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MCS540E	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.99E-02	1.71E-08	1.35E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.37E-01	0.00E+00	7.04E-11	2.35E-09	3.75E-04	1.15E-06	8.51E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MCS550	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.08E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.05E-11	2.37E-09	3.77E-04	1.15E-06	8.56E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.56E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MCS550E	2.88E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.97E-02	1.70E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	7.97E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-06	1.59E-03	6.33E-01	0.00E+00	6.95E-11	2.34E-09	3.73E-04	1.13E-06	8.44E-04	0.00E+00	6.33E-01	1.79E-09	6.33E-01	6.34E-01	8.44E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MCS563	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.04E-11	2.37E-09	3.76E-04	1.15E-06	8.55E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.55E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MCS563E	2.92E-04	4.61E-02	0.00E+00	4.61E-02	0.00E+00	0.00E+00	3.02E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.11E-13	1.57E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-06	1.62E-03	6.44E-01	0.00E+00	7.07E-11	2.38E-09	3.78E-04	1.15E-06	8.59E-04	0.00E+00	6.44E-01	1.82E-09	6.44E-01	6.45E-01	8.59E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MCS606	4.46E-04	7.02E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.61E-02	2.64E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.24E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-06	2.47E-03	9.81E-01	0.00E+00	1.08E-10	3.62E-09	5.78E-04	1.76E-06	1.31E-03	0.00E+00	9.81E-01	2.77E-09	9.81E-01	9.83E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MCS606E	4.51E-04	7.11E-02	0.00E+00	7.11E-02	0.00E+00	0.00E+00	4.66E-02	2.67E-08	2.10E-04	2.31E-03	0.00E+00	0.00E+00	1.25E-12	2.42E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-06	2.50E-03	9.91E-01	0.00E+00	1.09E-10	3.67E-09	5.82E-04	1.78E-06	1.33E-03	0.00E+00	9.91E-01	2.80E-09	9.91E-01	9.94E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MCS610	4.45E-04	7.02E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.61E-02	2.64E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.24E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-06	2.47E-03	9.81E-01	0.00E+00	1.08E-10	3.62E-09	5.77E-04	1.76E-06	1.31E-03	0.00E+00	9.81E-01	2.77E-09	9.81E-01	9.82E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MCS610E	4.51E-04	7.11E-02	0.00E+00	7.11E-02	0.00E+00	0.00E+00	4.66E-02	2.67E-08	2.10E-04	2.31E-03	0.00E+00	0.00E+00	1.25E-12	2.42E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-06	2.50E-03	9.91E-01	0.00E+00	1.09E-10	3.67E-09	5.82E-04	1.78E-06	1.33E-03	0.00E+00	9.91E-01	2.80E-09	9.91E-01	9.94E-01	1.33E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MCS613	4.33E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.57E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
MCS613E	4.41E-04	6.96E-02	0.00E+00	6.96E-02	0.00E+00	0.00E+00	4.57E-02	2.62E-08	2.05E-04	2.25E-03	0.00E+00	0.00E+00	1.23E-12	2.36E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-06	2.45E-03	9.68E-01	0.00E+00	1.07E-10	3.59E-09	5.69E-04	1.74E-06	1.30E-03	0.00E+00	9.68E-01	2.73E-09	9.68E-01	9.74E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
MCS616	4.33E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.57E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.33E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.56E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
MCS616E	4.44E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.61E-09	5.77E-04	1.75E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.80E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MCS620	4.72E-04	7.44E-02	0.00E+00	7.44E-02	0.00E+00	0.00E+00	4.88E-02	2.80E-08	2.21E-04	2.43E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-06	2.62E-03	1.04E+00	0.00E+00	1.14E-10	3.84E-09	6.12E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MCS620E	4.30E-04	6.78E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.45E-02	2.55E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.19E-12	2.31E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.38E-03	9.50E-01	0.00E+00	1.04E-10	3.50E-09	5.60E-04	1.70E-06	1.26E-03	0.00E+00	9.50E-01	2.68E-09	9.50E-01	9.48E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MCS625	5.08E-04	8.01E-02	0.00E+00	8.01E-02	0.00E+00	0.00E+00	5.25E-02	3.01E-08	2.38E-04	2.61E-03	0.00E+00	0.00E+00	1.41E-12	2.73E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-06	2.82E-03	1.12E+00	0.00E+00	1.23E-10	4.13E-09	6.59E-04	2.01E-06	1.49E-03	0.00E+00	1.12E+00	3.16E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
MCS625E	4.88E-04	7.70E-02	0.00E+00	7.70E-02	0.00E+00	0.00E+00	5.05E-02	2.89E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.36E-12	2.61E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-06	2.71E-03	1.07E+00	0.00E+00	1.18E-10	3.97E-09	6.32E-04	1.93E-06	1.44E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MCS632	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MCS632E	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MCS640	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MCS640E	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MFN701	1.31E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.36E-02	7.76E-09	6.14E-05	6.74E-04	0.00E+00	0.00E+00	3.64E-13	7.04E-12	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.26E-04	2.89E-01	0.00E+00	3.17E-11	1.07E-09	1.70E-04	5.17E-07	3.85E-04	0.00E+00	2.89E-01	8.15E-10	2.89E-01	2.89E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-05
MFN702	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.37E-02	7.82E-09	6.19E-05	6.79E-04	0.00E+00	0.00E+00	3.66E-13	7.09E-12	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.32E-04	2.91E-01	0.00E+00	3.20E-11	1.07E-09	1.71E-04	5.21E-07	3.88E-04	0.00E+00	2.91E-01	8.21E-10	2.91E-01	2.91E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-05
MFN706	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.94E-05	6.52E-04	0.00E+00	0.00E+00	3.54E-13	6.82E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.79E-01	0.00E+00	3.09E-11	1.04E-09	1.64E-04	5.03E-07	3.75E-04	0.00E+00	2.79E-01	7.88E-10	2.79E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-05
MFN706A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	5.95E-05	6.52E-04	0.00E+00	0.00E+00	3.57E-13	6.82E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.80E-01	0.00E+00	3.11E-11	1.05E-09	1.65E-04	5.08E-07	3.78E-04	0.00E+00	2.80E-01	7.90E-10	2.80E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
MFN710	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.73E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.95E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.95E-07	3.68E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MFN710A	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.23E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.59E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.69E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MFN716	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.10E-09	5.64E-05	6.18E-04	0.00E+00	0.00E+00	3.32E-13	6.45E-12	4.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.64E-04	2.65E-01	0.00E+00	2.90E-11	9.74E-10	1.56E-04	4.73E-07	3.52E-04	0.00E+00	2.65E-01	7.48E-10	2.65E-01	2.64E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-05
MFN716A	1.20E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.24E-02	7.08E-09	5.63E-05	6.18E-04	0.00E+00	0.00E+00	3.32E-13	6.45E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.62E-04	2.65E-01	0.00E+00	2.89E-11	9.72E-10	1.56E-04	4.72E-07	3.51E-04	0.00E+00	2.65E-01	7.48E-10	2.65E-01	2.64E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-05
MFN720	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.65E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MFN720A	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.34E-09	5.84E-05	6.40E-04	0.00E+00	0.00E+00	3.44E-13	6.68E-12	4.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.87E-04	2.74E-01	0.00E+00	3.00E-11	1.01E-09	1.61E-04	4.89E-07	3.64E-04	0.00E+00	2.74E-01	7.73E-10	2.74E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-05
MFN725	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.29E-02	7.38E-09	5.86E-05	6.43E-04	0.00E+00	0.00E+00	3.46E-13	6.71E-12	4.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.91E-04	2.75E-01	0.00E+00	3.02E-11	1.01E-09	1.62E-04	4.92E-07	3.66E-04	0.00E+00	2.75E-01	7.77E-10	2.75E-01	2.75E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
MFN732	1.34E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.95E-09	6.29E-05	6.90E-04	0.00E+00	0.00E+00	3.72E-13	7.21E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.96E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.95E-04	0.00E+00	2.96E-01	8.34E-10	2.96E-01	2.96E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-05
MFN910	1.82E-04	2.70E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.77E-02	1.01E-08	8.02E-05	8.80E-04	0.00E+00	0.00E+00	4.75E-13	9.19E-12	6.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	9.49E-04	3.77E-01	0.00E+00	4.14E-11	1.39E-09	2.22E-04	6.76E-07	5.03E-04	0.00E+00	3.77E-01	1.06E-09	3.77E-01	3.78E-01	5.03E-04	0.00E+00	0.00E+00	0.00E+00	1.03E-04
MFN916	1.81E-04	2.68E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.75E-02	1.00E-08	7.95E-05	8.72E-04	0.00E+00	0.00E+00	4.71E-13	9.11E-12	6.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-06	9.40E-04	3.74E-01	0.00E+00	4.11E-11	1.38E-09	2.20E-04	6.70E-07	4.99E-04	0.00E+00	3.74E-01	1.05E-09	3.74E-01	3.74E-01	4.99E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04
MFN920	1.65E-04	2.59E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.70E-02	9.74E-09	7.71E-05	8.46E-04	0.00E+00	0.00E+00	4.56E-13	8.83E-12	6.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.12E-04	3.62E-01	0.00E+00	3.98E-11	1.34E-09	2.13E-04	6.49E-07	4.84E-04	0.00E+00	3.62E-01	1.02E-09	3.62E-01	3.63E-01	4.84E-04	0.00E+00	0.00E+00	0.00E+00	9.86E-05
MFN925	1.84E-04	2.72E-02	0.00E+00	2.72E-02	0.00E+00	0.00E+00	1.79E-02	1.02E-08	8.10E-05	8.88E-04	0.00E+00	0.00E+00	4.79E-13	9.27E-12	6.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-06	9.57E-04	3.80E-01	0.00E+00	4.18E-11	1.40E-09	2.24E-04	6.82E-07	5.08E-04	0.00E+00	3.80E-01	1.07E-09	3.80E-01	3.81E-01	5.08E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MFS701	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.37E-02	7.82E-09	6.19E-05	6.79E-04	0.00E+00	0.00E+00	3.66E-13	7.09E-12	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.32E-04	2.91E-01	0.00E+00	3.20E-11	1.07E-09	1.71E-04	5.21E-07	3.88E-04	0.00E+00	2.91E-01	8.21E-10	2.91E-01	2.91E-01	3.88E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-05
MFS702	1.31E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.73E-09	6.12E-05	6.71E-04	0.00E+00	0.00E+00	3.62E-13	7.01E-12	5.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.23E-04	2.87E-01	0.00E+00	3.16E-11	1.06E-09	1.69E-04	5.15E-07	3.84E-04	0.00E+00	2.87E-01	8.11E-10	2.87E-01	2.88E-01	3.84E-04	0.00E+00	0.00E+00	0.00E+00	7.83E-05
MFS706	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.30E-02	7.46E-09	5.91E-05	6.48E-04	0.00E+00	0.00E+00	3.50E-13	6.77E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.99E-04	2.78E-01	0.00E+00	3.05E-11	1.02E-09	1.63E-04	4.98E-07	3.70E-04	0.00E+00	2.78E-01	7.83E-10	2.78E-01	2.78E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05

MFS710	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.73E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.95E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.95E-07	3.68E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MFS716	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.27E-09	5.75E-05	6.31E-04	0.00E+00	0.00E+00	3.40E-13	6.58E-12	4.72E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.80E-04	2.70E-01	0.00E+00	2.97E-11	9.98E-10	1.59E-04	4.84E-07	3.61E-04	0.00E+00	2.70E-01	7.63E-10	2.70E-01	2.71E-01	3.61E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-05
MFS720	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.49E-09	5.93E-05	6.50E-04	0.00E+00	0.00E+00	3.51E-13	6.79E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.01E-04	2.78E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.72E-04	0.00E+00	2.78E-01	7.86E-10	2.78E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
MFS725	1.35E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.97E-09	6.31E-05	6.92E-04	0.00E+00	0.00E+00	3.73E-13	7.22E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.46E-04	2.96E-01	0.00E+00	3.26E-11	1.09E-09	1.74E-04	5.31E-07	3.95E-04	0.00E+00	2.96E-01	8.36E-10	2.96E-01	2.97E-01	3.95E-04	0.00E+00	0.00E+00	0.00E+00	8.07E-05
MFS732	1.32E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.37E-02	7.83E-09	6.20E-05	6.80E-04	0.00E+00	0.00E+00	3.67E-13	7.10E-12	5.09E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.33E-04	2.91E-01	0.00E+00	3.20E-11	1.08E-09	1.72E-04	5.22E-07	3.89E-04	0.00E+00	2.91E-01	8.22E-10	2.91E-01	2.92E-01	3.89E-04	0.00E+00	0.00E+00	0.00E+00	7.93E-05
MHN506	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.11E-09	5.67E-05	6.22E-04	0.00E+00	0.00E+00	3.33E-13	6.50E-12	4.62E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.65E-04	2.66E-01	0.00E+00	2.90E-11	9.76E-10	1.57E-04	4.74E-07	3.53E-04	0.00E+00	2.66E-01	7.52E-10	2.66E-01	2.65E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	7.26E-05
MHN506A	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.94E-05	6.52E-04	0.00E+00	0.00E+00	3.54E-13	6.82E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.79E-01	0.00E+00	3.09E-11	1.04E-09	1.64E-04	5.03E-07	3.75E-04	0.00E+00	2.79E-01	7.88E-10	2.79E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-05
MHN510	1.18E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.22E-02	7.01E-09	5.55E-05	6.08E-04	0.00E+00	0.00E+00	3.28E-13	6.35E-12	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-06	6.56E-04	2.61E-01	0.00E+00	2.86E-11	9.62E-10	1.53E-04	4.67E-07	3.48E-04	0.00E+00	2.61E-01	7.35E-10	2.61E-01	2.61E-01	3.48E-04	0.00E+00	0.00E+00	0.00E+00	7.09E-05
MHN510A	1.19E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.24E-02	7.07E-09	5.63E-05	6.18E-04	0.00E+00	0.00E+00	3.31E-13	6.45E-12	4.59E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.62E-04	2.65E-01	0.00E+00	2.89E-11	9.71E-10	1.56E-04	4.72E-07	3.51E-04	0.00E+00	2.65E-01	7.48E-10	2.65E-01	2.63E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-05
MHN516	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.29E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.41E-13	6.61E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.82E-04	2.71E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.86E-07	3.62E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.71E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MHN516A	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.24E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.77E-04	2.69E-01	0.00E+00	2.96E-11	9.94E-10	1.59E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MHN520	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.56E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.54E-13	6.86E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.81E-01	7.94E-10	2.81E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
MHN520A	1.29E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.66E-09	6.04E-05	6.63E-04	0.00E+00	0.00E+00	3.59E-13	6.92E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.16E-04	2.84E-01	0.00E+00	3.13E-11	1.05E-09	1.67E-04	5.10E-07	3.80E-04	0.00E+00	2.84E-01	8.02E-10	2.84E-01	2.85E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	7.74E-05
MHN525	1.30E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.68E-09	6.08E-05	6.66E-04	0.00E+00	0.00E+00	3.60E-13	6.96E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.18E-04	2.86E-01	0.00E+00	3.14E-11	1.05E-09	1.68E-04	5.12E-07	3.81E-04	0.00E+00	2.86E-01	8.06E-10	2.86E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.77E-05
MHN525A	1.32E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.37E-02	7.86E-09	6.17E-05	6.77E-04	0.00E+00	0.00E+00	3.68E-13	7.07E-12	5.10E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.35E-04	2.90E-01	0.00E+00	3.21E-11	1.08E-09	1.71E-04	5.24E-07	3.90E-04	0.00E+00	2.90E-01	8.18E-10	2.90E-01	2.93E-01	3.90E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05
MHN532	1.33E-04	2.10E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	1.38E-02	7.89E-09	6.25E-05	6.85E-04	0.00E+00	0.00E+00	3.70E-13	7.15E-12	5.13E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.39E-04	2.94E-01	0.00E+00	3.23E-11	1.08E-09	1.73E-04	5.26E-07	3.92E-04	0.00E+00	2.94E-01	8.29E-10	2.94E-01	2.94E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	7.99E-05
MHN532A	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.34E-02	7.70E-09	6.10E-05	6.70E-04	0.00E+00	0.00E+00	3.61E-13	6.99E-12	5.00E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.20E-04	2.87E-01	0.00E+00	3.15E-11	1.06E-09	1.69E-04	5.13E-07	3.82E-04	0.00E+00	2.87E-01	8.10E-10	2.87E-01	2.87E-01	3.82E-04	0.00E+00	0.00E+00	0.00E+00	7.80E-05
MHN706	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.59E-09	6.01E-05	6.60E-04	0.00E+00	0.00E+00	3.55E-13	6.89E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.10E-04	2.83E-01	0.00E+00	3.10E-11	1.04E-09	1.66E-04	5.06E-07	3.77E-04	0.00E+00	2.83E-01	7.98E-10	2.83E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05
MHN710	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.30E-02	7.47E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.50E-13	6.85E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.99E-04	2.81E-01	0.00E+00	3.05E-11	1.03E-09	1.66E-04	4.98E-07	3.71E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.78E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MHS506	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.86E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.21E-13	6.20E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.42E-04	2.55E-01	0.00E+00	2.80E-11	9.42E-10	1.50E-04	4.57E-07	3.40E-04	0.00E+00	2.55E-01	7.18E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MHS510	1.13E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.17E-02	6.72E-09	5.31E-05	5.83E-04	0.00E+00	0.00E+00	3.15E-13	6.08E-12	4.36E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.29E-04	2.50E-01	0.00E+00	2.75E-11	9.22E-10	1.47E-04	4.48E-07	3.33E-04	0.00E+00	2.50E-01	7.04E-10	2.50E-01	2.50E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05
MHS516	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.19E-02	6.83E-09	5.40E-05	5.93E-04	0.00E+00	0.00E+00	3.20E-13	6.19E-12	4.43E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.39E-04	2.54E-01	0.00E+00	2.79E-11	9.37E-10	1.49E-04	4.55E-07	3.39E-04	0.00E+00	2.54E-01	7.16E-10	2.54E-01	2.54E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05
MHT706	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.13E-09	6.40E-05	7.02E-04	0.00E+00	0.00E+00	3.81E-13	7.33E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.62E-04	3.01E-01	0.00E+00	3.32E-11	1.12E-09	1.77E-04	5.42E-07	4.04E-04	0.00E+00	3.01E-01	8.50E-10	3.01E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.20E-05
MHT710	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.35E-02	7.75E-09	6.06E-05	6.65E-04	0.00E+00	0.00E+00	3.64E-13	6.99E-12	5.06E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.26E-04	2.89E-01	0.00E+00	3.17E-11	1.05E-09	1.68E-04	5.16E-07	3.85E-04	0.00E+00	2.89E-01	8.09E-10	2.89E-01	2.91E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.80E-05
MHT716	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.50E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.52E-13	6.84E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.00E-04	2.81E-01	0.00E+00	3.06E-11	1.03E-09	1.66E-04	4.99E-07	3.71E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.78E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MHT720	1.41E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.36E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.91E-13	7.56E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.82E-04	3.09E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.57E-07	4.15E-04	0.00E+00	3.09E-01	8.74E-10	3.09E-01	3.11E-01	4.15E-04	0.00E+00	0.00E+00	0.00E+00	8.43E-05
MHT725	1.35E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.40E-02	7.98E-09	6.31E-05	6.92E-04	0.00E+00	0.00E+00	3.74E-13	7.22E-12	5.19E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.48E-04	2.97E-01	0.00E+00	3.26E-11	1.10E-09	1.74E-04	5.33E-07	3.97E-04	0.00E+00	2.97E-01	8.37E-10	2.97E-01	2.98E-01	3.97E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-05
MHT732	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.30E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.89E-13	7.53E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.77E-04	3.09E-01	0.00E+00	3.39E-11	1.14E-09	1.82E-04	5.53E-07	4.12E-04	0.00E+00	3.09E-01	8.72E-10	3.09E-01	3.09E-01	4.12E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-05
MHT740	1.35E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.40E-02	8.03E-09	6.41E-05	7.03E-04	0.00E+00	0.00E+00	3.77E-13	7.29E-12	5.23E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.52E-04	2.99E-01	0.00E+00	3.29E-11	1.10E-09	1.77E-04	5.36E-07	3.99E-04	0.00E+00	2.99E-01	8.44E-10	2.99E-01	2.99E-01	3.99E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-05
MJ506J	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.26E-09	5.74E-05	6.29E-04	0.00E+00	0.00E+00	3.40E-13	6.58E-12	4.71E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.79E-04	2.70E-01	0.00E+00	2.97E-11	9.96E-10	1.59E-04	4.84E-07	3.60E-04	0.00E+00	2.70E-01	7.61E-10	2.70E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-05
MJ510J	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.11E-09	5.67E-05	6.22E-04	0.00E+00	0.00E+00	3.33E-13	6.50E-12	4.62E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-06	6.65E-04	2.66E-01	0.00E+00	2.90E-11	9.76E-10	1.57E-04	4.74E-07	3.53E-04	0.00E+00	2.66E-01	7.52E-10	2.66E-01	2.65E-01	3.53E-04	0.00E+00	0.00E+00	0.00E+00	7.26E-05
MJ516J	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.26E-09	5.74E-05	6.29E-04	0.00E+00	0.00E+00	3.40E-13	6.58E-12	4.71E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.79E-04	2.70E-01	0.00E+00	2.97E-11	9.96E-10	1.59E-04	4.84E-07	3.60E-04	0.00E+00	2.70E-01	7.61E-10	2.70E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-05
MJ520J	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.57E-13	6.87E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.82E-01	0.00E+00	3.11E-11	1.05E-09	1.66E-04	5.08E-07	3.78E-04	0.00E+00	2.82E-01	7.96E-10	2.82E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MJ525J	1.29E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.66E-09	6.04E-05	6.63E-04	0.00E+00	0.00E+00	3.59E-13	6.92E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.16E-04	2.84E-01	0.00E+00	3.13E-11	1.05E-09	1.67E-04	5.10E-07	3.80E-04	0.00E+00	2.84E-01	8.02E-10	2.84E-01	2.85E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	7.74E-05
MJ532J	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.64E-09	6.06E-05	6.65E-04	0.00E+00	0.00E+00	3.57E-13	6.94E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.85E-01	0.00E+00	3.11E-11	1.05E-09	1.68E-04	5.08E-07	3.78E-04	0.00E+00	2.85E-01	8.04E-10	2.85E-01	2.85E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.75E-05
MJ540J	1.29E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.67E-09	6.10E-05	6.69E-04	0.00E+00	0.00E+00	3.59E-13	6.98E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.18E-04	2.86E-01	0.00E+00	3.13E-11	1.05E-09	1.69E-04	5.11E-07	3.81E-04	0.00E+00	2.86E-01	8.08E-10	2.86E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-05
MJ706P	1.16E-03	3.33E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	1.98E-02	1.14E-08	2.73E-04	2.99E-03	0.00E+00	0.00E+00	4.94E-13	1.10E-11	6.86E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-06	1.01E-03	4.20E-01	0.00E+00	4.32E-11	6.10E-09	7.69E-04	7.04E-07	5.37E-04	0.00E+00	4.20E-01	1.19E-09	4.20E-01	4.21E-01	5.37E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MJ710P	1.13E-03	3.26E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.94E-02	1.12E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	4.83E-13	1.08E-11	6.72E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	9.92E-04	4.11E-01	0.00E+00	4.23E-11	5.97E-09	7.53E-04	6.89E-07	5.26E-04	0.00E+00	4.11E-01	1.16E-09	4.11E-01	4.12E-01	5.26E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
MJ716P	1.14E-03	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.96E-02	1.13E-08	2.70E-04	2.95E-03	0.00E+00	0.00E+00	4.88E-13	1.09E-11	6.79E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.00E-03	4.15E-01	0.00E+00	4.27E-11	6.02E-09	7.61E-04	6.96E-07	5.31E-04	0.00E+00	4.15E-01	1.17E-09	4.15E-01	4.16E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MJ720P	1.21E-03	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.07E-02	1.19E-08	2.81E-04	3.11E-03	0.00E+00	0.00E+00	5.18E-13	1.16E-11	7.21E-05	0.00E+00	0.00E+00	0.00E+00	2.68E-06	1.06E-03	4.39E-01	0.00E+00	4.54E-11	6.37E-09	7.94E-04	7.40E-07	5.64E-04	0.00E+00	4.39E-01	1.24E-09	4.39E-01	4.41E-01	5.64E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04
MJ725P	1.23E-03	3.56E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.11E-02	1.21E-08	2.84E-04	3.14E-03	0.00E+00	0.00E+00	5.27E-13	1.18E-11	7.32E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.08E-03	4.46E-01	0.00E+00	4.61E-11	6.45E-09	8.03E-04	7.52E-07	5.74E-04	0.00E+00	4.46E-01	1.26E-09	4.46E-01	4.48E-01	5.74E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MJ732P	1.23E-03	3.58E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	2.12E-02	1.22E-08	2.84E-04	3.14E-03	0.00E+00	0.00E+00	5.27E-13	1.18E-11	7.34E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-06	1.08E-03	4.47E-01	0.00E+00	4.63E-11	6.47E-09	8.03E-04	7.53E-07	5.75E-04	0.00E+00	4.47E-01	1.27E-09	4.47E-01	4.49E-01	5.75E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MJ740P	1.23E-03	3.59E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.12E-02	1.22E-08	2.85E-04	3.15E-03	0.00E+00	0.00E+00	5.29E-13	1.19E-11	7.35E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	1.09E-03	4.48E-01	0.00E+00	4.64E-11	6.48E-09	8.05E-04	7.55E-07	5.76E-04	0.00E+00	4.48E-01	1.27E-09	4.48E-01	4.50E-01	5.76E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MJN502A	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.30E-02	7.46E-09	5.90E-05	6.48E-04	0.00E+00	0.00E+00	3.49E-13	6.76E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.98E-04	2.78E-01	0.00E+00	3.05E-11	1.02E-09	1.63E-04	4.97E-07	3.70E-04	0.00E+00	2.78E-01	7.83E-10	2.78E-01	2.78E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
MJN504	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.34E-09	5.78E-05	6.34E-04	0.00E+00	0.00E+00	3.44E-13	6.62E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.87E-04	2.71E-01	0.00E+00	3.00E-11	1.01E-09	1.60E-04	4.89E-07	3.64E-04	0.00E+00	2.71E-01	7.66E-10	2.71E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-05
MJN504A	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.32E-09	5.83E-05	6.40E-04	0.00E+00	0.00E+00	3.43E-13	6.67E-12	4.75E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.85E-04	2.74E-01	0.00E+00	2.99E-11	1.01E-09	1.61E-04	4.88E-07	3.63E-04	0.00E+00	2.74E-01	7.73E-10	2.74E-01	2.73E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.46E-05
MJN506	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.21E-09	5.69E-05	6.25E-04	0.00E+00	0.00E+00	3.38E-13	6.51E-12	4.68E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.75E-04	2.67E-01	0.00E+00	2.95E-11	9.91E-10	1.57E-04	4.81E-07	3.58E-04	0.00E+00	2.67E-01	7.54E-10	2.67E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.28E-05
MJN506A	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.24E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.78E-04	2.69E-01	0.00E+00	2.96E-11	9.94E-10	1.59E-04	4.83E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MJN510	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
MJN510A	1.19E-04	1.87E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.23E-02	7.02E-09	5.56E-05	6.10E-04	0.00E+00	0.00E+00	3.29E-13	6.37E-12	4.56E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.57E-04	2.61E-01	0.00E+00	2.87E-11	9.65E-10	1.54E-04	4.68E-07	3.49E-04	0.00E+00	2.61E-01	7.37E-10	2.61E-01	2.62E-01	3.49E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-05
MJN513A	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.26E-09	5.76E-05	6.32E-04	0.00E+00	0.00E+00	3.40E-13	6.60E-12	4.72E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.80E-04	2.71E-01	0.00E+00	2.97E-11	9.97E-10	1.59E-04	4.84E-07	3.61E-04	0.00E+00	2.71E-01	7.64E-10	2.71E-01	2.71E-01	3.61E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05
MJN516	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.09E-09	5.61E-05	6.16E-04	0.00E+00	0.00E+00	3.32E-13	6.43E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.64E-04	2.64E-01	0.00E+00	2.90E-11	9.74E-10	1.55E-04	4.73E-07	3.52E-04	0.00E+00	2.64E-01	7.44E-10	2.64E-01	2.64E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-05
MJN516A	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.29E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.41E-13	6.61E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.82E-04	2.71E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.86E-07	3.62E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.71E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MJN520	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MJN520A	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.65E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MJN525	1.27E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.50E-09	5.93E-05	6.51E-04	0.00E+00	0.00E+00	3.51E-13	6.79E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.02E-04	2.79E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	5.00E-07	3.72E-04	0.00E+00	2.79E-01	7.87E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
MJN525A	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.15E-09	6.45E-05	7.08E-04	0.00E+00	0.00E+00	3.82E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.78E-04	5.43E-07	4.04E-04	0.00E+00	3.03E-01	8.55E-10	3.03E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
MJN532	1.31E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.75E-09	6.14E-05	6.73E-04	0.00E+00	0.00E+00	3.63E-13	7.03E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.25E-04	2.88E-01	0.00E+00	3.17E-11	1.06E-09	1.70E-04	5.17E-07	3.85E-04	0.00E+00	2.88E-01	8.14E-10	2.88E-01	2.89E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-05
MJN532A	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.35E-02	7.72E-09	6.11E-05	6.70E-04	0.00E+00	0.00E+00	3.62E-13	6.99E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.22E-04	2.87E-01	0.00E+00	3.15E-11	1.06E-09	1.69E-04	5.14E-07	3.83E-04	0.00E+00	2.87E-01	8.10E-10	2.87E-01	2.87E-01	3.83E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-05
MJN540A	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.36E-02	7.81E-09	6.19E-05	6.79E-04	0.00E+00	0.00E+00	3.63E-13	7.10E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.26E-04	2.90E-01	0.00E+00	3.17E-11	1.07E-09	1.71E-04	5.16E-07	3.85E-04	0.00E+00	2.90E-01	8.21E-10	2.90E-01	2.90E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05
MJN702	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.56E-09	5.99E-05	6.58E-04	0.00E+00	0.00E+00	3.54E-13	6.86E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.82E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MJN706	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.63E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.57E-13	6.87E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.14E-04	2.82E-01	0.00E+00	3.12E-11	1.05E-09	1.66E-04	5.08E-07	3.78E-04	0.00E+00	2.82E-01	7.96E-10	2.82E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MJN710	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.34E-02	7.68E-09	6.02E-05	6.61E-04	0.00E+00	0.00E+00	3.60E-13	6.91E-12	4.99E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.19E-04	2.83E-01	0.00E+00	3.14E-11	1.05E-09	1.67E-04	5.12E-07	3.81E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MJN716	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.32E-02	7.58E-09	6.00E-05	6.58E-04	0.00E+00	0.00E+00	3.55E-13	6.87E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.09E-04	2.82E-01	0.00E+00	3.10E-11	1.04E-09	1.66E-04	5.05E-07	3.76E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.82E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MJN720	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.61E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.56E-13	6.87E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.12E-04	2.82E-01	0.00E+00	3.11E-11	1.04E-09	1.66E-04	5.07E-07	3.78E-04	0.00E+00	2.82E-01	7.96E-10	2.82E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MJN725	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.34E-02	7.70E-09	6.10E-05	6.70E-04	0.00E+00	0.00E+00	3.61E-13	6.99E-12	5.00E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.20E-04	2.87E-01	0.00E+00	3.15E-11	1.06E-09	1.69E-04	5.13E-07	3.82E-04	0.00E+00	2.87E-01	8.10E-10	2.87E-01	2.87E-01	3.82E-04	0.00E+00	0.00E+00	0.00E+00	7.80E-05
MJN732	1.27E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.50E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.51E-13	6.85E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.02E-04	2.82E-01	0.00E+00	3.06E-11	1.03E-09	1.66E-04	5.00E-07	3.72E-04	0.00E+00	2.82E-01	7.94E-10	2.82E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
MJN740	1.33E-04	2.10E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	1.38E-02	7.89E-09	6.23E-05	6.83E-04	0.00E+00	0.00E+00	3.68E-13	7.14E-12	5.11E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.35E-04	2.92E-01	0.00E+00	3.22E-11	1.08E-09	1.72E-04	5.24E-07	3.90E-04	0.00E+00	2.92E-01	8.26E-10	2.92E-01	2.94E-01	3.90E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-05
MJS502	1.19E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.24E-02	7.07E-09	5.66E-05	6.21E-04	0.00E+00	0.00E+00	3.31E-13	6.48E-12	4.59E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.62E-04	2.66E-01	0.00E+00	2.89E-11	9.71E-10	1.57E-04	4.71E-07	3.51E-04	0.00E+00	2.66E-01	7.50E-10	2.66E-01	2.63E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.24E-05
MJS504	1.16E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.20E-02	6.85E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.21E-13	6.21E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.41E-04	2.55E-01	0.00E+00	2.80E-11	9.41E-10	1.50E-04	4.57E-07	3.40E-04	0.00E+00	2.55E-01	7.19E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MJS506	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.86E-09	5.42E-05	5.95E-04	0.00E+00	0.00E+00	3.21E-13	6.21E-12	4.45E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.42E-04	2.55E-01	0.00E+00	2.80E-11	9.42E-10	1.50E-04	4.57E-07	3.40E-04	0.00E+00	2.55E-01	7.19E-10	2.55E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MJS510	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.15E-02	6.57E-09	5.20E-05	5.71E-04	0.00E+00	0.00E+00	3.08E-13	5.96E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.15E-04	2.45E-01	0.00E+00	2.69E-11	9.03E-10	1.44E-04	4.38E-07	3.26E-04	0.00E+00	2.45E-01	6.90E-10	2.45E-01	2.45E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.66E-05
MJS516	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.19E-02	6.83E-09	5.40E-05	5.93E-04	0.00E+00	0.00E+00	3.20E-13	6.19E-12	4.43E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.39E-04	2.54E-01	0.00E+00	2.79E-11	9.37E-10	1.49E-04	4.55E-07	3.39E-04	0.00E+00	2.54E-01	7.16E-10	2.54E-01	2.54E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05
MJT702	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.29E-09	6.56E-05	7.19E-04	0.00E+00	0.00E+00	3.88E-13	7.51E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.75E-04	3.08E-01	0.00E+00	3.39E-11	1.14E-09	1.81E-04	5.52E-07	4.11E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.09E-01	4.11E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
MJT706	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.49E-09	5.93E-05	6.50E-04	0.00E+00	0.00E+00	3.51E-13	6.79E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.01E-04	2.79E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.72E-04	0.00E+00	2.79E-01	7.86E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
MJT710	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.49E-09	5.93E-05	6.50E-04	0.00E+00	0.00E+00	3.51E-13	6.79E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.01E-04	2.79E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.72E-04	0.00E+00	2.79E-01	7.86E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
MJT716	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.49E-09	5.93E-05	6.50E-04	0.00E+00	0.00E+00	3.51E-13	6.79E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.01E-04	2.79E-01	0.00E+00	3.06E-11	1.03E-09	1.64E-04	4.99E-07	3.72E-04	0.00E+00	2.79E-01	7.86E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-05
MJT720	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.24E-09	6.52E-05	7.16E-04	0.00E+00	0.00E+00	3.86E-13	7.47E-12	5.35E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.71E-04	3.07E-01	0.00E+00	3.37E-11	1.13E-09	1.81E-04	5.49E-07	4.09E-04	0.00E+00	3.07E-01	8.65E-10	3.07E-01	3.07E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.35E-05
MJT725	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.14E-09	6.44E-05	7.07E-04	0.00E+00	0.00E+00	3.81E-13	7.38E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.62E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.78E-04	5.43E-07	4.04E-04	0.00E+00	3.03E-01	8.54E-10	3.03E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.24E-05
MJT732	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.30E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.89E-13	7.52E-12	5.39E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.77E-04	3.09E-01	0.00E+00	3.39E-11	1.14E-09	1.82E-04	5.53E-07	4.12E-04	0.00E+00	3.09E-01	8.71E-10	3.09E-01	3.09E-01	4.12E-04	0.00E+00	0.00E+00	0.00E+00	8.40E-05
MJT740	1.39E-04	2.20E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.44E-02	8.25E-09	6.53E-05	7.16E-04	0.00E+00	0.00E+00	3.87E-13	7.48E-12	5.36E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.72E-04	3.07E-01	0.00E+00	3.37E-11	1.13E-09	1.81E-04	5.50E-07	4.09E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.07E-01	4.09E-04	0.00E+00	0.00E+00	0.00E+00	8.35E-05

MKN506	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.34E-09	5.84E-05	6.40E-04	0.00E+00	0.00E+00	3.44E-13	6.68E-12	4.77E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.87E-04	2.74E-01	0.00E+00	3.00E-11	1.01E-09	1.61E-04	4.89E-07	3.64E-04	0.00E+00	2.74E-01	7.74E-10	2.74E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-05
MKN506A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.64E-09	6.04E-05	6.63E-04	0.00E+00	0.00E+00	3.58E-13	6.92E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.15E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.09E-07	3.79E-04	0.00E+00	2.84E-01	8.02E-10	2.84E-01	2.84E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05
MKN510	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.94E-05	6.52E-04	0.00E+00	0.00E+00	3.54E-13	6.82E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.79E-01	0.00E+00	3.09E-11	1.04E-09	1.64E-04	5.03E-07	3.75E-04	0.00E+00	2.79E-01	7.88E-10	2.79E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-05
MKN510A	1.31E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.75E-09	6.06E-05	6.65E-04	0.00E+00	0.00E+00	3.63E-13	6.97E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.25E-04	2.86E-01	0.00E+00	3.17E-11	1.06E-09	1.68E-04	5.17E-07	3.85E-04	0.00E+00	2.86E-01	8.07E-10	2.86E-01	2.89E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
MKN513	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.30E-02	7.47E-09	5.91E-05	6.48E-04	0.00E+00	0.00E+00	3.50E-13	6.78E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.99E-04	2.78E-01	0.00E+00	3.05E-11	1.03E-09	1.64E-04	4.98E-07	3.71E-04	0.00E+00	2.78E-01	7.84E-10	2.78E-01	2.78E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
MKN513A	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.59E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.56E-13	6.86E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.10E-04	2.82E-01	0.00E+00	3.10E-11	1.04E-09	1.66E-04	5.06E-07	3.77E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MKN516	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.73E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.95E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.95E-07	3.68E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MKN516A	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.31E-02	7.48E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.50E-13	6.85E-12	4.86E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	7.00E-04	2.81E-01	0.00E+00	3.06E-11	1.03E-09	1.65E-04	4.98E-07	3.71E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.79E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MKN520	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.59E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.56E-13	6.88E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.82E-01	0.00E+00	3.10E-11	1.04E-09	1.66E-04	5.06E-07	3.77E-04	0.00E+00	2.82E-01	7.97E-10	2.82E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05
MKN520A	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.56E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.54E-13	6.88E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.82E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.82E-01	7.96E-10	2.82E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MKN525	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.63E-09	6.04E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.14E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.08E-07	3.79E-04	0.00E+00	2.84E-01	8.01E-10	2.84E-01	2.84E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-05
MKN525A	1.29E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.65E-09	6.09E-05	6.68E-04	0.00E+00	0.00E+00	3.58E-13	6.97E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.16E-04	2.86E-01	0.00E+00	3.13E-11	1.05E-09	1.68E-04	5.10E-07	3.80E-04	0.00E+00	2.86E-01	8.07E-10	2.86E-01	2.85E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
MKN532	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.64E-09	6.04E-05	6.62E-04	0.00E+00	0.00E+00	3.58E-13	6.92E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.15E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.09E-07	3.79E-04	0.00E+00	2.84E-01	8.01E-10	2.84E-01	2.85E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05
MKN532A	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.36E-02	7.83E-09	6.20E-05	6.80E-04	0.00E+00	0.00E+00	3.64E-13	7.11E-12	5.05E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.28E-04	2.91E-01	0.00E+00	3.19E-11	1.07E-09	1.72E-04	5.18E-07	3.86E-04	0.00E+00	2.91E-01	8.22E-10	2.91E-01	2.91E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.91E-05
MKN540	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.36E-02	7.80E-09	6.12E-05	6.72E-04	0.00E+00	0.00E+00	3.65E-13	7.02E-12	5.06E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.30E-04	2.88E-01	0.00E+00	3.19E-11	1.07E-09	1.69E-04	5.20E-07	3.87E-04	0.00E+00	2.88E-01	8.13E-10	2.88E-01	2.90E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-05
MKN598	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.04E-13	1.36E-11	9.76E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	1.41E-03	5.59E-01	0.00E+00	6.14E-11	2.06E-09	3.29E-04	1.00E-06	7.46E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.46E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MKN599	2.52E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.60E-02	1.49E-08	1.18E-04	1.29E-03	0.00E+00	0.00E+00	6.98E-13	1.35E-11	9.68E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-06	1.40E-03	5.54E-01	0.00E+00	6.09E-11	2.05E-09	3.26E-04	9.94E-07	7.40E-04	0.00E+00	5.54E-01	1.56E-09	5.54E-01	5.55E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MKS506	1.20E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.24E-02	7.08E-09	5.66E-05	6.21E-04	0.00E+00	0.00E+00	3.32E-13	6.49E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.62E-04	2.66E-01	0.00E+00	2.89E-11	9.72E-10	1.57E-04	4.72E-07	3.51E-04	0.00E+00	2.66E-01	7.51E-10	2.66E-01	2.64E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-05
MKS510	1.21E-04	1.91E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.25E-02	7.17E-09	5.66E-05	6.21E-04	0.00E+00	0.00E+00	3.36E-13	6.48E-12	4.65E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.71E-04	2.66E-01	0.00E+00	2.93E-11	9.84E-10	1.57E-04	4.78E-07	3.56E-04	0.00E+00	2.66E-01	7.50E-10	2.66E-01	2.67E-01	3.56E-04	0.00E+00	0.00E+00	0.00E+00	7.24E-05
MKS513	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.21E-09	5.69E-05	6.24E-04	0.00E+00	0.00E+00	3.38E-13	6.51E-12	4.68E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.74E-04	2.67E-01	0.00E+00	2.94E-11	9.89E-10	1.57E-04	4.80E-07	3.58E-04	0.00E+00	2.67E-01	7.54E-10	2.67E-01	2.68E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.27E-05
MKS516	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
MKS599	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.63E-02	1.50E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.59E-01	0.00E+00	6.15E-11	2.07E-09	3.29E-04	1.00E-06	7.47E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
ML506J	1.26E-04	1.99E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.30E-02	7.47E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.50E-13	6.85E-12	4.85E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.99E-04	2.81E-01	0.00E+00	3.05E-11	1.03E-09	1.66E-04	4.98E-07	3.71E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.78E-01	3.71E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
ML510J	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.29E-02	7.38E-09	5.86E-05	6.43E-04	0.00E+00	0.00E+00	3.46E-13	6.71E-12	4.79E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.91E-04	2.75E-01	0.00E+00	3.02E-11	1.01E-09	1.62E-04	4.92E-07	3.66E-04	0.00E+00	2.75E-01	7.77E-10	2.75E-01	2.75E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
ML516J	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.59E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.56E-13	6.86E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.10E-04	2.82E-01	0.00E+00	3.10E-11	1.04E-09	1.66E-04	5.06E-07	3.77E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
ML520J	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.32E-02	7.57E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.55E-13	6.88E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.82E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.82E-01	7.97E-10	2.82E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
ML525J	1.32E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.36E-02	7.79E-09	6.13E-05	6.73E-04	0.00E+00	0.00E+00	3.65E-13	7.02E-12	5.06E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.29E-04	2.89E-01	0.00E+00	3.18E-11	1.07E-09	1.70E-04	5.19E-07	3.87E-04	0.00E+00	2.89E-01	8.14E-10	2.89E-01	2.90E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-05
ML532J	1.33E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.37E-02	7.85E-09	6.22E-05	6.83E-04	0.00E+00	0.00E+00	3.68E-13	7.12E-12	5.10E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.34E-04	2.92E-01	0.00E+00	3.21E-11	1.08E-09	1.72E-04	5.23E-07	3.90E-04	0.00E+00	2.92E-01	8.24E-10	2.92E-01	2.92E-01	3.90E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-05
ML540J	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.36E-02	7.83E-09	6.20E-05	6.80E-04	0.00E+00	0.00E+00	3.64E-13	7.11E-12	5.05E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.28E-04	2.91E-01	0.00E+00	3.19E-11	1.07E-09	1.72E-04	5.18E-07	3.86E-04	0.00E+00	2.91E-01	8.22E-10	2.91E-01	2.91E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.91E-05
MLN502A	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.35E-02	7.70E-09	6.07E-05	6.66E-04	0.00E+00	0.00E+00	3.61E-13	6.96E-12	5.00E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.21E-04	2.86E-01	0.00E+00	3.15E-11	1.06E-09	1.68E-04	5.14E-07	3.82E-04	0.00E+00	2.86E-01	8.06E-10	2.86E-01	2.87E-01	3.82E-04	0.00E+00	0.00E+00	0.00E+00	7.77E-05
MLN504A	1.27E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.51E-09	6.00E-05	6.58E-04	0.00E+00	0.00E+00	3.52E-13	6.87E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.02E-04	2.82E-01	0.00E+00	3.07E-11	1.03E-09	1.66E-04	5.00E-07	3.72E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.80E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MLN506	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.45E-09	5.92E-05	6.49E-04	0.00E+00	0.00E+00	3.49E-13	6.77E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.97E-04	2.78E-01	0.00E+00	3.05E-11	1.02E-09	1.64E-04	4.97E-07	3.70E-04	0.00E+00	2.78E-01	7.84E-10	2.78E-01	2.78E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-05
MLN506A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.61E-09	6.02E-05	6.61E-04	0.00E+00	0.00E+00	3.57E-13	6.90E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.12E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.07E-07	3.78E-04	0.00E+00	2.83E-01	7.99E-10	2.83E-01	2.83E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MLN510	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.94E-05	6.51E-04	0.00E+00	0.00E+00	3.54E-13	6.81E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.06E-04	2.79E-01	0.00E+00	3.08E-11	1.04E-09	1.64E-04	5.03E-07	3.74E-04	0.00E+00	2.79E-01	7.88E-10	2.79E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05
MLN510A	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.29E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.41E-13	6.61E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.82E-04	2.71E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.86E-07	3.62E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.71E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MLN513	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.94E-05	6.52E-04	0.00E+00	0.00E+00	3.54E-13	6.82E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.79E-01	0.00E+00	3.09E-11	1.04E-09	1.64E-04	5.03E-07	3.75E-04	0.00E+00	2.79E-01	7.88E-10	2.79E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-05
MLN513A	1.33E-04	2.10E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	1.37E-02	7.87E-09	6.23E-05	6.84E-04	0.00E+00	0.00E+00	3.69E-13	7.14E-12	5.11E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.37E-04	2.93E-01	0.00E+00	3.22E-11	1.08E-09	1.72E-04	5.25E-07	3.91E-04	0.00E+00	2.93E-01	8.26E-10	2.93E-01	2.93E-01	3.91E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-05
MLN516	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
MLN516A	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
MLN520	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.32E-02	7.58E-09	6.00E-05	6.59E-04	0.00E+00	0.00E+00	3.55E-13	6.86E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.10E-04	2.82E-01	0.00E+00	3.10E-11	1.04E-09	1.66E-04	5.05E-07	3.76E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.82E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MLN520A	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.57E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.55E-13	6.86E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.76E-04	0.00E+00	2.81E-01	7.94E-10	2.81E-01	2.82E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
MLN525	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.61E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.56E-13	6.88E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.12E-04	2.82E-01	0.00E+00	3.11E-11	1.05E-09	1.66E-04	5.07E-07	3.78E-04	0.00E+00	2.82E-01	7.96E-10	2.82E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MLN525A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MLN532	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.64E-09	6.04E-05	6.62E-04	0.00E+00	0.00E+00	3.58E-13	6.92E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.15E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.09E-07	3.79E-04	0.00E+00	2.84E-01	8.01E-10	2.84E-01	2.84E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05
MLN532A	1.29E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.67E-09	6.10E-05	6.69E-04	0.00E+00	0.00E+00	3.59E-13	6.98E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.18E-04	2.86E-01	0.00E+00	3.13E-11	1.05E-09	1.69E-04	5.11E-07	3.81E-04	0.00E+00	2.86E-01	8.08E-10	2.86E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-05
MLN540	1.27E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.52E-09	6.00E-05	6.58E-04	0.00E+00	0.00E+00	3.52E-13	6.87E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.03E-04	2.82E-01	0.00E+00	3.07E-11	1.03E-09	1.66E-04	5.01E-07	3.73E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.80E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
MLN540A	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.36E-02	7.81E-09	6.19E-05	6.79E-04	0.00E+00	0.00E+00	3.63E-13	7.10E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.26E-04	2.90E-01	0.00E+00	3.17E-11	1.07E-09	1.71E-04	5.16E-07	3.85E-04	0.00E+00	2.90E-01	8.21E-10	2.90E-01	2.90E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05
MLN702	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.64E-09	6.06E-05	6.65E-04	0.00E+00	0.00E+00	3.57E-13	6.94E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.85E-01	0.00E+00	3.11E-11	1.05E-09	1.68E-04	5.08E-07	3.78E-04	0.00E+00	2.85E-01	8.04E-10	2.85E-01	2.85E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.75E-05
MLN702A	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.56E-09	5.99E-05	6.58E-04	0.00E+00	0.00E+00	3.54E-13	6.86E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.82E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MLN706	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.59E-09	6.01E-05	6.60E-04	0.00E+00	0.00E+00	3.55E-13	6.89E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.10E-04	2.83E-01	0.00E+00	3.10E-11	1.04E-09	1.66E-04	5.06E-07	3.77E-04	0.00E+00	2.83E-01	7.98E-10	2.83E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05
MLN706A	1.27E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.54E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.53E-13	6.88E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.82E-01	0.00E+00	3.08E-11	1.03E-09	1.66E-04	5.02E-07	3.74E-04	0.00E+00	2.82E-01	7.96E-10	2.82E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MLN710	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.45E-09	5.90E-05	6.47E-04	0.00E+00	0.00E+00	3.49E-13	6.76E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.98E-04	2.77E-01	0.00E+00	3.05E-11	1.02E-09	1.63E-04	4.97E-07	3.70E-04	0.00E+00	2.77E-01	7.83E-10	2.77E-01	2.78E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
MLN710A	1.31E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.75E-09	6.06E-05	6.65E-04	0.00E+00	0.00E+00	3.63E-13	6.97E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.25E-04	2.86E-01	0.00E+00	3.17E-11	1.06E-09	1.68E-04	5.17E-07	3.85E-04	0.00E+00	2.86E-01	8.07E-10	2.86E-01	2.89E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
MLN716	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.57E-09	6.00E-05	6.58E-04	0.00E+00	0.00E+00	3.55E-13	6.86E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.82E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.76E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.82E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MLN716A	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.32E-02	7.58E-09	6.00E-05	6.59E-04	0.00E+00	0.00E+00	3.55E-13	6.86E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.10E-04	2.82E-01	0.00E+00	3.10E-11	1.04E-09	1.66E-04	5.05E-07	3.76E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.82E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MLN720	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.64E-09	6.04E-05	6.62E-04	0.00E+00	0.00E+00	3.58E-13	6.92E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.15E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.09E-07	3.79E-04	0.00E+00	2.84E-01	8.01E-10	2.84E-01	2.85E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05
MLN720A	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.32E-02	7.57E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.55E-13	6.88E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.82E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.82E-01	7.97E-10	2.82E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
MLN725	1.29E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.65E-09	6.09E-05	6.68E-04	0.00E+00	0.00E+00	3.58E-13	6.97E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.16E-04	2.86E-01	0.00E+00	3.13E-11	1.05E-09	1.68E-04	5.10E-07	3.80E-04	0.00E+00	2.86E-01	8.07E-10	2.86E-01	2.85E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
MLN725A	1.32E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.37E-02	7.86E-09	6.17E-05	6.77E-04	0.00E+00	0.00E+00	3.68E-13	7.07E-12	5.10E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.35E-04	2.90E-01	0.00E+00	3.21E-11	1.08E-09	1.71E-04	5.24E-07	3.90E-04	0.00E+00	2.90E-01	8.18E-10	2.90E-01	2.93E-01	3.90E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05
MLN732	1.33E-04	2.10E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	1.37E-02	7.89E-09	6.23E-05	6.83E-04	0.00E+00	0.00E+00	3.68E-13	7.14E-12	5.10E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.35E-04	2.92E-01	0.00E+00	3.22E-11	1.08E-09	1.72E-04	5.23E-07	3.90E-04	0.00E+00	2.92E-01	8.26E-10	2.92E-01	2.93E-01	3.90E-04	0.00E+00	0.00E+00	0.00E+00	7.97E-05
MLN732A	1.32E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.37E-02	7.84E-09	6.22E-05	6.82E-04	0.00E+00	0.00E+00	3.67E-13	7.11E-12	5.08E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.33E-04	2.91E-01	0.00E+00	3.20E-11	1.08E-09	1.72E-04	5.22E-07	3.89E-04	0.00E+00	2.91E-01	8.22E-10	2.91E-01	2.92E-01	3.89E-04	0.00E+00	0.00E+00	0.00E+00	7.93E-05
MLN740A	1.33E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.37E-02	7.85E-09	6.22E-05	6.83E-04	0.00E+00	0.00E+00	3.68E-13	7.12E-12	5.10E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.34E-04	2.92E-01	0.00E+00	3.21E-11	1.08E-09	1.72E-04	5.23E-07	3.90E-04	0.00E+00	2.92E-01	8.24E-10	2.92E-01	2.92E-01	3.90E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-05
MLS506	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.45E-13	6.62E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.71E-01	0.00E+00	3.01E-11	1.01E-09	1.60E-04	4.90E-07	3.65E-04	0.00E+00	2.71E-01	7.66E-10	2.71E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MLS510	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.24E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.77E-04	2.69E-01	0.00E+00	2.96E-11	9.94E-10	1.59E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MLS513	1.20E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.24E-02	7.08E-09	5.66E-05	6.21E-04	0.00E+00	0.00E+00	3.32E-13	6.49E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.62E-04	2.66E-01	0.00E+00	2.89E-11	9.72E-10	1.57E-04	4.72E-07	3.51E-04	0.00E+00	2.66E-01	7.51E-10	2.66E-01	2.64E-01	3.51E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-05
MLS516	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
MLU502	1.32E-04	2.08E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.36E-02	7.83E-09	6.20E-05	6.80E-04	0.00E+00	0.00E+00	3.64E-13	7.11E-12	5.05E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.28E-04	2.91E-01	0.00E+00	3.19E-11	1.07E-09	1.72E-04	5.18E-07	3.86E-04	0.00E+00	2.91E-01	8.22E-10	2.91E-01	2.91E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.91E-05
MLU506	1.29E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.67E-09	6.07E-05	6.66E-04	0.00E+00	0.00E+00	3.59E-13	6.95E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.17E-04	2.85E-01	0.00E+00	3.13E-11	1.05E-09	1.68E-04	5.11E-07	3.80E-04	0.00E+00	2.85E-01	8.05E-10	2.85E-01	2.85E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-05
MLU510	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.29E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.41E-13	6.61E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.82E-04	2.71E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.86E-07	3.62E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.71E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MLU516	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
MLU520	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
MLU525	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
MLU532	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.65E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MLU540	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.55E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.90E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.65E-04	5.03E-07	3.75E-04	0.00E+00	2.81E-01	7.93E-10	2.81E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MMN313	3.94E-04	6.22E-02	0.00E+00	6.22E-02	0.00E+00	0.00E+00	4.08E-02	2.34E-08	1.84E-04	2.02E-03	0.00E+00	0.00E+00	1.10E-12	2.12E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-06	2.19E-03	8.69E-01	0.00E+00	9.54E-11	3.21E-09	5.10E-04	1.56E-06	1.16E-03	0.00E+00	8.69E-01	2.45E-09	8.69E-01	8.71E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
MMN404	5.02E-04	7.97E-02	0.00E+00	7.97E-02	0.00E+00	0.00E+00	5.20E-02	2.98E-08	2.36E-04	2.58E-03	0.00E+00	0.00E+00	1.39E-12	2.71E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-06	2.80E-03	1.11E+00	0.00E+00	1.22E-10	4.09E-09	6.52E-04	1.98E-06	1.48E-03	0.00E+00	1.11E+00	3.13E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
MN120V	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.29E-02	7.40E-09	5.86E-05	6.43E-04	0.00E+00	0.00E+00	3.47E-13	6.71E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.92E-04	2.75E-01	0.00E+00	3.02E-11	1.02E-09	1.62E-04	4.93E-07	3.67E-04	0.00E+00	2.75E-01	7.77E-10	2.75E-01	2.76E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.50E-05
MN132Z	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.24E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.86E-13	7.52E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.48E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.07E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MN140Z	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.34E-09	6.58E-05	7.21E-04	0.00E+00	0.00E+00	3.91E-13	7.54E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.80E-04	3.09E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
MN150Z	1.48E-04	2.33E-02	0.00E+00	2.33E-02	0.00E+00	0.00E+00	1.53E-02	8.75E-09	6.91E-05	7.59E-04	0.00E+00	0.00E+00	4.10E-13	7.92E-12	5.68E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	8.19E-04	3.25E-01	0.00E+00	3.58E-11	1.20E-09	1.91E-04	5.83E-07	4.34E-04	0.00E+00	3.25E-01	9.17E-10	3.25E-01	3.26E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	8.86E-05
MN163Z	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	8.92E-05

MN206V	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.63E-02	1.51E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.26E-13	1.37E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.43E-03	5.61E-01	0.00E+00	6.31E-11	2.05E-09	3.28E-04	1.02E-06	7.62E-04	0.00E+00	5.61E-01	1.58E-09	5.61E-01	5.62E-01	7.62E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
MN210V	2.03E-03	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.50E-02	2.01E-08	4.80E-04	5.26E-03	0.00E+00	0.00E+00	8.70E-13	1.94E-11	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-06	1.79E-03	7.41E-01	0.00E+00	7.61E-11	1.07E-08	1.35E-03	1.24E-06	9.47E-04	0.00E+00	7.41E-01	2.09E-09	7.41E-01	7.41E-01	9.47E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MN210V33	2.19E-04	3.46E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.27E-02	1.30E-08	1.03E-04	1.13E-03	0.00E+00	0.00E+00	6.09E-13	1.18E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.22E-03	4.83E-01	0.00E+00	5.31E-11	1.78E-09	2.85E-04	8.66E-07	6.45E-04	0.00E+00	4.83E-01	1.36E-09	4.83E-01	4.84E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MN216V	2.05E-03	5.89E-02	0.00E+00	5.89E-02	0.00E+00	0.00E+00	3.52E-02	2.02E-08	4.82E-04	5.28E-03	0.00E+00	0.00E+00	8.74E-13	1.95E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.80E-03	7.44E-01	0.00E+00	7.65E-11	1.08E-08	1.36E-03	1.25E-06	9.52E-04	0.00E+00	7.44E-01	2.10E-09	7.44E-01	7.45E-01	9.52E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MN216V33	2.18E-04	3.44E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.26E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.06E-13	1.17E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.21E-03	4.81E-01	0.00E+00	5.28E-11	1.78E-09	2.83E-04	8.62E-07	6.42E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MN220V	2.06E-03	5.92E-02	0.00E+00	5.92E-02	0.00E+00	0.00E+00	3.53E-02	2.03E-08	4.85E-04	5.31E-03	0.00E+00	0.00E+00	8.79E-13	1.96E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.80E-03	7.48E-01	0.00E+00	7.69E-11	1.08E-08	1.37E-03	1.25E-06	9.57E-04	0.00E+00	7.48E-01	2.11E-09	7.48E-01	7.49E-01	9.57E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MN220V33	2.19E-04	3.46E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.27E-02	1.30E-08	1.03E-04	1.13E-03	0.00E+00	0.00E+00	6.09E-13	1.18E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.22E-03	4.83E-01	0.00E+00	5.31E-11	1.78E-09	2.85E-04	8.66E-07	6.45E-04	0.00E+00	4.83E-01	1.36E-09	4.83E-01	4.84E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MN225V	2.54E-04	4.01E-02	0.00E+00	4.01E-02	0.00E+00	0.00E+00	2.63E-02	1.51E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.78E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.60E-01	0.00E+00	6.15E-11	2.07E-09	3.30E-04	1.00E-06	7.47E-04	0.00E+00	5.60E-01	1.58E-09	5.60E-01	5.61E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MN225V1	2.55E-04	4.02E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.64E-02	1.51E-08	1.20E-04	1.31E-03	0.00E+00	0.00E+00	7.08E-13	1.37E-11	9.81E-05	0.00E+00	0.00E+00	0.00E+00	3.56E-06	1.41E-03	5.62E-01	0.00E+00	6.18E-11	2.08E-09	3.31E-04	1.01E-06	7.50E-04	0.00E+00	5.62E-01	1.59E-09	5.62E-01	5.63E-01	7.50E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04
MN225Z	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.59E-01	0.00E+00	6.15E-11	2.06E-09	3.28E-04	1.00E-06	7.47E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MN232V	2.79E-04	4.39E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-08	1.31E-04	1.43E-03	0.00E+00	0.00E+00	7.73E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.54E-03	6.14E-01	0.00E+00	6.74E-11	2.27E-09	3.61E-04	1.10E-06	8.19E-04	0.00E+00	6.14E-01	1.73E-09	6.14E-01	6.15E-01	8.19E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MN232V1	2.77E-04	4.38E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	2.87E-02	1.64E-08	1.30E-04	1.43E-03	0.00E+00	0.00E+00	7.70E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.54E-03	6.11E-01	0.00E+00	6.72E-11	2.26E-09	3.60E-04	1.10E-06	8.16E-04	0.00E+00	6.11E-01	1.72E-09	6.11E-01	6.12E-01	8.16E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MN232Z	2.71E-04	4.28E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.80E-02	1.61E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.52E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.50E-03	5.97E-01	0.00E+00	6.56E-11	2.21E-09	3.52E-04	1.07E-06	7.97E-04	0.00E+00	5.97E-01	1.69E-09	5.97E-01	5.98E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MN240V	2.79E-04	4.39E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-08	1.31E-04	1.43E-03	0.00E+00	0.00E+00	7.73E-13	1.50E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.54E-03	6.14E-01	0.00E+00	6.74E-11	2.27E-09	3.61E-04	1.10E-06	8.19E-04	0.00E+00	6.14E-01	1.73E-09	6.14E-01	6.15E-01	8.19E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MN240V1	2.77E-04	4.38E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	2.87E-02	1.64E-08	1.30E-04	1.43E-03	0.00E+00	0.00E+00	7.70E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.54E-03	6.11E-01	0.00E+00	6.72E-11	2.26E-09	3.60E-04	1.10E-06	8.16E-04	0.00E+00	6.11E-01	1.72E-09	6.11E-01	6.12E-01	8.16E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MN250Z	2.91E-04	4.57E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	3.00E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.05E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.61E-03	6.39E-01	0.00E+00	7.02E-11	2.36E-09	3.75E-04	1.14E-06	8.53E-04	0.00E+00	6.39E-01	1.80E-09	6.39E-01	6.40E-01	8.53E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MN263Z	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.08E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.05E-11	2.37E-09	3.77E-04	1.15E-06	8.56E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.56E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MN306Z	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.06E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MN310Z	3.66E-04	5.78E-02	0.00E+00	5.78E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.02E-12	1.96E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-06	2.03E-03	8.04E-01	0.00E+00	8.87E-11	2.98E-09	4.73E-04	1.45E-06	1.08E-03	0.00E+00	8.04E-01	2.27E-09	8.04E-01	8.08E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MN320Z	3.71E-04	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.19E-01	0.00E+00	9.00E-11	3.01E-09	4.80E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MN332Z	4.16E-04	6.55E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.30E-02	2.46E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.30E-03	9.15E-01	0.00E+00	1.01E-10	3.38E-09	5.39E-04	1.64E-06	1.22E-03	0.00E+00	9.15E-01	2.58E-09	9.15E-01	9.16E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MN340Z	4.05E-04	6.38E-02	0.00E+00	6.38E-02	0.00E+00	0.00E+00	4.18E-02	2.40E-08	1.89E-04	2.08E-03	0.00E+00	0.00E+00	1.12E-12	2.17E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.24E-03	8.91E-01	0.00E+00	9.79E-11	3.29E-09	5.24E-04	1.60E-06	1.19E-03	0.00E+00	8.91E-01	2.51E-09	8.91E-01	8.92E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MN363Z	4.45E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.61E-09	5.77E-04	1.75E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.80E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MN463Z	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.03E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.74E-09	7.56E-04	2.30E-06	1.71E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MN506V	2.49E-04	3.91E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.88E-13	1.33E-11	9.54E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	1.37E-03	5.46E-01	0.00E+00	6.00E-11	2.02E-09	3.21E-04	9.79E-07	7.29E-04	0.00E+00	5.46E-01	1.54E-09	5.46E-01	5.47E-01	7.29E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
MN510V	2.03E-03	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.50E-02	2.01E-08	4.80E-04	5.26E-03	0.00E+00	0.00E+00	8.70E-13	1.94E-11	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-06	1.79E-03	7.41E-01	0.00E+00	7.61E-11	1.07E-08	1.35E-03	1.24E-06	9.47E-04	0.00E+00	7.41E-01	2.09E-09	7.41E-01	7.41E-01	9.47E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MN510V33	2.18E-04	3.44E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.26E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.06E-13	1.17E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.21E-03	4.81E-01	0.00E+00	5.28E-11	1.78E-09	2.83E-04	8.62E-07	6.42E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MN516V	2.05E-03	5.89E-02	0.00E+00	5.89E-02	0.00E+00	0.00E+00	3.52E-02	2.02E-08	4.82E-04	5.28E-03	0.00E+00	0.00E+00	8.74E-13	1.95E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.80E-03	7.44E-01	0.00E+00	7.65E-11	1.08E-08	1.36E-03	1.25E-06	9.52E-04	0.00E+00	7.44E-01	2.10E-09	7.44E-01	7.45E-01	9.52E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04
MN516V33	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.78E-01	0.00E+00	5.26E-11	1.77E-09	2.82E-04	8.57E-07	6.38E-04	0.00E+00	4.78E-01	1.35E-09	4.78E-01	4.79E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MN520V	2.06E-03	5.92E-02	0.00E+00	5.92E-02	0.00E+00	0.00E+00	3.53E-02	2.03E-08	4.85E-04	5.31E-03	0.00E+00	0.00E+00	8.79E-13	1.96E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.80E-03	7.48E-01	0.00E+00	7.69E-11	1.08E-08	1.37E-03	1.25E-06	9.57E-04	0.00E+00	7.48E-01	2.11E-09	7.48E-01	7.49E-01	9.57E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MN520V33	2.19E-04	3.46E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.27E-02	1.30E-08	1.03E-04	1.13E-03	0.00E+00	0.00E+00	6.09E-13	1.18E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.22E-03	4.83E-01	0.00E+00	5.31E-11	1.78E-09	2.85E-04	8.66E-07	6.45E-04	0.00E+00	4.83E-01	1.36E-09	4.83E-01	4.84E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MN525V	2.36E-04	3.72E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.44E-02	1.40E-08	1.11E-04	1.21E-03	0.00E+00	0.00E+00	6.55E-13	1.27E-11	9.08E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-06	1.31E-03	5.20E-01	0.00E+00	5.71E-11	1.92E-09	3.06E-04	9.32E-07	6.94E-04	0.00E+00	5.20E-01	1.47E-09	5.20E-01	5.21E-01	6.94E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04
MN525V1	2.42E-04	3.81E-02	0.00E+00	3.81E-02	0.00E+00	0.00E+00	2.50E-02	1.43E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	6.71E-13	1.30E-11	9.30E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	1.34E-03	5.33E-01	0.00E+00	5.85E-11	1.97E-09	3.14E-04	9.54E-07	7.11E-04	0.00E+00	5.33E-01	1.50E-09	5.33E-01	5.33E-01	7.11E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
MN532V	2.75E-04	4.34E-02	0.00E+00	4.34E-02	0.00E+00	0.00E+00	2.85E-02	1.63E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.64E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.53E-03	6.06E-01	0.00E+00	6.66E-11	2.24E-09	3.57E-04	1.09E-06	8.09E-04	0.00E+00	6.06E-01	1.71E-09	6.06E-01	6.07E-01	8.09E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MN532V1	2.74E-04	4.32E-02	0.00E+00	4.32E-02	0.00E+00	0.00E+00	2.84E-02	1.62E-08	1.28E-04	1.41E-03	0.00E+00	0.00E+00	7.61E-13	1.47E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.52E-03	6.04E-01	0.00E+00	6.64E-11	2.23E-09	3.56E-04	1.08E-06	8.06E-04	0.00E+00	6.04E-01	1.70E-09	6.04E-01	6.05E-01	8.06E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
MN540V	2.75E-04	4.34E-02	0.00E+00	4.34E-02	0.00E+00	0.00E+00	2.85E-02	1.63E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.64E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.84E-06	1.53E-03	6.06E-01	0.00E+00	6.66E-11	2.24E-09	3.57E-04	1.09E-06	8.09E-04	0.00E+00	6.06E-01	1.71E-09	6.06E-01	6.07E-01	8.09E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04
MN540V1	2.74E-04	4.32E-02	0.00E+00	4.32E-02	0.00E+00	0.00E+00	2.84E-02	1.62E-08	1.28E-04	1.41E-03	0.00E+00	0.00E+00	7.61E-13	1.47E-11	1.05E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.52E-03	6.04E-01	0.00E+00	6.64E-11	2.23E-09	3.56E-04	1.08E-06	8.06E-04	0.00E+00	6.04E-01	1.70E-09	6.04E-01	6.05E-01	8.06E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04
MN906V	1.14E-03	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.96E-02	1.13E-08	2.70E-04	2.95E-03	0.00E+00	0.00E+00	4.88E-13	1.09E-11	6.79E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.00E-03	4.15E-01	0.00E+00	4.27E-11	6.02E-09	7.61E-04	6.96E-07	5.31E-04	0.00E+00	4.15E-01	1.17E-09	4.15E-01	4.16E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MN910V	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.09E-09	5.61E-05	6.15E-04	0.00E+00	0.00E+00	3.32E-13	6.42E-12	4.60E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.63E-04	2.64E-01	0.00E+00	2.90E-11	9.73E-10	1.55E-04	4.72E-07	3.52E-04	0.00E+00	2.64E-01	7.44E-10	2.64E-01	2.64E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-05
MN916V	1.21E-04	1.90E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.25E-02	7.15E-09	5.66E-05	6.21E-04	0.00E+00	0.00E+00	3.35E-13	6.48E-12	4.65E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.70E-04	2.66E-01	0.00E+00	2.92E-11	9.82E-10	1.57E-04	4.77E-07	3.55E-04	0.00E+00	2.66E-01	7.51E-10	2.66E-01	2.66E-01	3.55E-04	0.00E+00	0.00E+00	0.00E+00	7.24E-05
MN920V	1.15E-03	3.31E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	1.98E-02	1.14E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	4.91E-13	1.10E-11	6.84E-05	0.00E+00	0.00E+00	0.00E+00	2.53E-06	1.01E-03	4.18E-01	0.00E+00	4.30E-11	6.06E-09	7.65E-04	7.01E-07	5.35E-04	0.00E+00	4.18E-01	1.18E-09	4.18E-01	4.19E-01	5.35E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04
MN925V	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.72E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.94E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.62E-04	4.94E-07	3.68E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MN932V	1.18E-03	3.41E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	2.04E-02	1.17E-08	2.79E-04	3.06E-03	0.00E+00	0.00E+00	5.06E-13	1.13E-11	7.04E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-06	1.04E-03	4.31E-01	0.00E+00	4.43E-11	6.24E-09	7.88E-04	7.22E-07	5.51E-04	0.00E+00	4.31E-01	1.22E-09	4.31E-01	4.31E-01	5.51E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04
MN940V	1.18E-03	3.38E-02	0.00E+00	3.38E-02	0.00E+00	0.00E+00	2.01E-02	1.16E-08	2.77E-04	3.03E-03	0.00E+00	0.00E+00	5.01E-13	1.12E-11	6.97E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	1.03E-03	4.27E-01	0.00E+00	4.38E-11	6.20E-09	7.80E-04	7.14E-07	5.45E-04	0.00E+00	4.27E-01	1.20E-09	4.27E-01	4.27E-01	5.45E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MR110	1.13E-03	3.26E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.94E-02	1.12E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	4.83E-13	1.08E-11	6.72E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	9.92E-04	4.11E-01	0.00E+00	4.23E-11	5.97E-09	7.53E-04	6.89E-07	5.26E-04	0.00E+00	4.11E-01	1.16E-09	4.11E-01	4.12E-01	5.26E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
MR116	1.13E-03	3.26E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.94E-02	1.12E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	4.83E-13	1.08E-11	6.72E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	9.92E-04	4.11E-01	0.00E+00	4.23E-11	5.97E-09	7.53E-04	6.89E-07	5.26E-04	0.00E+00	4.11E-01	1.16E-09	4.11E-01	4.12E-01	5.26E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
MR120	1.14E-03	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.96E-02	1.13E-08	2.70E-04	2.95E-03	0.00E+00	0.00E+00	4.88E-13	1.09E-11	6.79E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.00E-03	4.15E-01	0.00E+00	4.27E-11	6.02E-09	7.61E-04	6.96E-07	5.31E-04	0.00E+00	4.15E-01	1.17E-09	4.15E-01	4.16E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MR132	1.23E-03	3.59E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.12E-02	1.22E-08	2.85E-04	3.15E-03	0.00E+00	0.00E+00	5.28E-13	1.19E-11	7.35E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	1.08E-03	4.48E-01	0.00E+00	4.64E-11	6.48E-09	8.05E-04	7.55E-07	5.76E-04	0.00E+00	4.48E-01	1.27E-09	4.48E-01	4.49E-01	5.76E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MR210	2.05E-03	5.87E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	3.52E-02	2.02E-08	4.66E-04	4.82E-03	0.00E+00	0.00E+00	8.78E-13	1.95E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.79E-03	7.45E-01	0.00E+00	7.69E-11	1.07E-08	1.27E-03	1.25E-06	9.54E-04	0.00E+00	7.45E-01	2.10E-09	7.45E-01	7.44E-01	9.54E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MR216	2.05E-03	5.87E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	3.52E-02	2.02E-08	4.66E-04	4.82E-03	0.00E+00	0.00E+00	8.78E-13	1.95E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.79E-03	7.46E-01	0.00E+00	7.69E-11	1.07E-08	1.27E-03	1.25E-06	9.54E-04	0.00E+00	7.46E-01	2.11E-09	7.46E-01	7.44E-01	9.54E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MR220	2.40E-03	6.90E-02	0.00E+00	6.90E-02	0.00E+00	0.00E+00	3.97E-02	2.28E-08	5.24E-04	5.49E-03	0.00E+00	0.00E+00	9.65E-13	2.28E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-06	2.00E-03	8.52E-01	0.00E+00	8.47E-11	1.23E-08	1.45E-03	1.38E-06	1.06E-03	0.00E+00	8.52E-01	2.41E-09	8.52E-01	8.42E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-04
MR232	2.65E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.04E-12	2.48E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.15E-03	9.17E-01	0.00E+00	9.05E-11	1.35E-08	1.57E-03	1.49E-06	1.14E-03	0.00E+00	9.17E-01	2.61E-09	9.17E-01	9.00E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MR240	2.65E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.04E-12	2.48E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.15E-03	9.17E-01	0.00E+00	9.05E-11	1.35E-08	1.57E-03	1.49E-06	1.14E-03	0.00E+00	9.17E-01	2.61E-09	9.17E-01	9.00E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MR263	2.69E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.75E-04	6.06E-03	0.00E+00	0.00E+00	1.08E-12	2.47E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.18E-03	9.25E-01	0.00E+00	9.28E-11	1.37E-08	1.60E-03	1.52E-06	1.16E-03	0.00E+00	9.25E-01	2.65E-09	9.25E-01	9.17E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MR310	3.18E-03	7.62E-02	0.00E+00	7.62E-02	0.00E+00	0.00E+00	4.56E-02	2.53E-08	6.25E-04	6.63E-03	0.00E+00	0.00E+00	1.18E-12	2.48E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.92E-06	2.34E-03	9.52E-01	0.00E+00	1.00E-10	1.57E-08	1.74E-03	1.66E-06	1.20E-03	0.00E+00	9.52E-01	2.74E-09	9.52E-01	9.66E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
MR316	3.26E-03	7.72E-02	0.00E+00	7.72E-02	0.00E+00	0.00E+00	4.62E-02	2.57E-08	6.37E-04	6.78E-03	0.00E+00	0.00E+00	1.21E-12	2.50E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-06	2.37E-03	9.70E-01	0.00E+00	1.02E-10	1.60E-08	1.78E-03	1.69E-06	1.22E-03	0.00E+00	9.70E-01	2.79E-09	9.70E-01	9.81E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MR320	3.31E-03	7.73E-02	0.00E+00	7.73E-02	0.00E+00	0.00E+00	4.61E-02	2.57E-08	6.51E-04	6.93E-03	0.00E+00	0.00E+00	1.21E-12	2.48E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.38E-03	9.65E-01	0.00E+00	1.02E-10	1.63E-08	1.82E-03	1.70E-06	1.23E-03	0.00E+00	9.65E-01	2.80E-09	9.65E-01	9.83E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MR325	3.54E-03	7.51E-02	0.00E+00	7.51E-02	0.00E+00	0.00E+00	4.85E-02	2.62E-08	6.78E-04	7.25E-03	0.00E+00	0.00E+00	1.32E-12	2.54E-11	1.74E-04	0.00E+00	0.00E+00	0.00E+00	6.37E-06	2.46E-03	9.38E-01	0.00E+00	1.02E-10	1.73E-08	1.92E-03	1.74E-06	1.26E-03	0.00E+00	9.38E-01	2.70E-09	9.38E-01	1.03E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.73E-04
MR332	3.54E-03	7.77E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	5.03E-02	2.74E-08	6.82E-04	7.27E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.56E-03	9.84E-01	0.00E+00	1.06E-10	1.71E-08	1.91E-03	1.81E-06	1.31E-03	0.00E+00	9.84E-01	2.82E-09	9.84E-01	1.07E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
MR340	3.54E-03	7.77E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	5.03E-02	2.74E-08	6.82E-04	7.27E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.56E-03	9.84E-01	0.00E+00	1.06E-10	1.71E-08	1.91E-03	1.81E-06	1.31E-03	0.00E+00	9.84E-01	2.82E-09	9.84E-01	1.07E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
MS110	1.13E-03	3.26E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.94E-02	1.12E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	4.83E-13	1.08E-11	6.72E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06	9.92E-04	4.11E-01	0.00E+00	4.23E-11	5.97E-09	7.53E-04	6.89E-07	5.26E-04	0.00E+00	4.11E-01	1.16E-09	4.11E-01	4.12E-01	5.26E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04
MS120	1.14E-03	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.96E-02	1.13E-08	2.70E-04	2.95E-03	0.00E+00	0.00E+00	4.88E-13	1.09E-11	6.79E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.00E-03	4.15E-01	0.00E+00	4.27E-11	6.02E-09	7.61E-04	6.96E-07	5.31E-04	0.00E+00	4.15E-01	1.17E-09	4.15E-01	4.16E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	1.08E-04
MS232	2.65E-03	7.54E-02	0.00E+00	7.54E-02	0.00E+00	0.00E+00	4.37E-02	2.52E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.07E-12	2.46E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.54E-06	2.19E-03	9.24E-01	0.00E+00	9.29E-11	1.35E-08	1.57E-03	1.52E-06	1.16E-03	0.00E+00	9.24E-01	2.64E-09	9.24E-01	9.16E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MS240	2.65E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.04E-12	2.48E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.15E-03	9.17E-01	0.00E+00	9.05E-11	1.35E-08	1.57E-03	1.49E-06	1.14E-03	0.00E+00	9.17E-01	2.61E-09	9.17E-01	9.00E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MS263	2.69E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.75E-04	6.06E-03	0.00E+00	0.00E+00	1.08E-12	2.47E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.18E-03	9.25E-01	0.00E+00	9.28E-11	1.37E-08	1.60E-03	1.52E-06	1.16E-03	0.00E+00	9.25E-01	2.65E-09	9.25E-01	9.17E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MS310	3.18E-03	7.62E-02	0.00E+00	7.62E-02	0.00E+00	0.00E+00	4.56E-02	2.53E-08	6.25E-04	6.63E-03	0.00E+00	0.00E+00	1.18E-12	2.48E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.92E-06	2.34E-03	9.52E-01	0.00E+00	1.00E-10	1.57E-08	1.74E-03	1.66E-06	1.20E-03	0.00E+00	9.52E-01	2.74E-09	9.52E-01	9.66E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
MS316	3.26E-03	7.72E-02	0.00E+00	7.72E-02	0.00E+00	0.00E+00	4.62E-02	2.57E-08	6.37E-04	6.78E-03	0.00E+00	0.00E+00	1.21E-12	2.50E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.02E-06	2.37E-03	9.70E-01	0.00E+00	1.02E-10	1.60E-08	1.78E-03	1.69E-06	1.22E-03	0.00E+00	9.70E-01	2.79E-09	9.70E-01	9.81E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MS320	3.31E-03	7.73E-02	0.00E+00	7.73E-02	0.00E+00	0.00E+00	4.61E-02	2.57E-08	6.51E-04	6.93E-03	0.00E+00	0.00E+00	1.21E-12	2.48E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.38E-03	9.65E-01	0.00E+00	1.02E-10	1.63E-08	1.82E-03	1.70E-06	1.23E-03	0.00E+00	9.65E-01	2.80E-09	9.65E-01	9.83E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MS332	3.54E-03	7.77E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	5.03E-02	2.74E-08	6.82E-04	7.27E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.56E-03	9.84E-01	0.00E+00	1.06E-10	1.71E-08	1.91E-03	1.81E-06	1.31E-03	0.00E+00	9.84E-01	2.82E-09	9.84E-01	1.07E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
MS340	3.54E-03	7.77E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	5.03E-02	2.74E-08	6.82E-04	7.27E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.56E-03	9.84E-01	0.00E+00	1.06E-10	1.71E-08	1.91E-03	1.81E-06	1.31E-03	0.00E+00	9.84E-01	2.82E-09	9.84E-01	1.07E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
MT106A	1.23E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.31E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.42E-13	6.61E-12	4.75E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.84E-04	2.71E-01	0.00E+00	2.99E-11	1.00E-09	1.60E-04	4.87E-07	3.63E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.72E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MT110A	1.12E-04	1.77E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.23E-02	6.94E-09	5.21E-05	5.72E-04	0.00E+00	0.00E+00	3.33E-13	6.13E-12	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.76E-04	2.59E-01	0.00E+00	2.86E-11	9.08E-10	1.44E-04	4.74E-07	3.63E-04	0.00E+00	2.59E-01	7.28E-10	2.59E-01	2.61E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-05
MT116A	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.15E-02	6.57E-09	5.19E-05	5.69E-04	0.00E+00	0.00E+00	3.08E-13	5.95E-12	4.27E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-06	6.15E-04	2.44E-01	0.00E+00	2.69E-11	9.02E-10	1.44E-04	4.38E-07	3.26E-04	0.00E+00	2.44E-01	6.88E-10	2.44E-01	2.45E-01	3.26E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-05
MT120A	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.49E-09	5.15E-05	5.65E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.07E-04	2.42E-01	0.00E+00	2.65E-11	8.91E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.83E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
MT125A	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.56E-09	6.00E-05	6.58E-04	0.00E+00	0.00E+00	3.54E-13	6.86E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.82E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MT132A	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.28E-03	0.00E+00	0.00E+00	5.59E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.91E-11	6.80E-09	8.40E-04	7.98E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MT140A	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.58E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.91E-11	6.79E-09	8.39E-04	7.98E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MT150A	1.48E-04	2.33E-02	0.00E+00	2.33E-02	0.00E+00	0.00E+00	1.53E-02	8.75E-09	6.91E-05	7.59E-04	0.00E+00	0.00E+00	4.10E-13	7.92E-12	5.68E-05	0.00E+00	0.00E+00	0.00E+00	2.06E-06	8.19E-04	3.25E-01	0.00E+00	3.58E-11	1.20E-09	1.91E-04	5.83E-07	4.34E-04	0.00E+00	3.25E-01	9.17E-10	3.25E-01	3.26E-01	4.34E-04	0.00E+00	0.00E+00	0.00E+00	8.86E-05
MT163A	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.60E-13	1.25E-11	7.78E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.92E-11	6.79E-09	8.40E-04	7.99E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.76E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MT206A	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MT210A	2.47E-04	3.90E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	2.56E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.87E-13	1.33E-11	9.52E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	1.37E-03	5.45E-01	0.00E+00	5.99E-11	2.01E-09	3.22E-04	9.77E-07	7.27E-04	0.00E+00	5.45E-01	1.54E-09	5.45E-01	5.46E-01	7.27E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04

MT216A	2.47E-04	3.90E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	2.56E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.87E-13	1.33E-11	9.52E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	1.37E-03	5.45E-01	0.00E+00	5.99E-11	2.01E-09	3.22E-04	9.77E-07	7.27E-04	0.00E+00	5.45E-01	1.54E-09	5.45E-01	5.46E-01	7.27E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
MT220A	2.52E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.00E-13	1.36E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.28E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MT225A	2.44E-03	7.08E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	4.10E-02	2.35E-08	5.33E-04	5.59E-03	0.00E+00	0.00E+00	1.01E-12	2.33E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-06	2.08E-03	8.74E-01	0.00E+00	8.79E-11	1.26E-08	1.47E-03	1.45E-06	1.10E-03	0.00E+00	8.74E-01	2.48E-09	8.74E-01	8.60E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04
MT232A	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.99E-02	1.71E-08	1.35E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.37E-01	0.00E+00	7.04E-11	2.35E-09	3.75E-04	1.15E-06	8.51E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MT240A	2.65E-03	7.56E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.05E-12	2.48E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06	2.15E-03	9.18E-01	0.00E+00	9.10E-11	1.35E-08	1.57E-03	1.50E-06	1.14E-03	0.00E+00	9.18E-01	2.61E-09	9.18E-01	9.02E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MT250A	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.08E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.05E-11	2.37E-09	3.77E-04	1.15E-06	8.56E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.56E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MT263A	2.69E-03	7.56E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.75E-04	6.07E-03	0.00E+00	0.00E+00	1.08E-12	2.47E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.18E-03	9.26E-01	0.00E+00	9.29E-11	1.37E-08	1.60E-03	1.52E-06	1.16E-03	0.00E+00	9.26E-01	2.65E-09	9.26E-01	9.18E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MT306A	3.49E-04	5.51E-02	0.00E+00	5.51E-02	0.00E+00	0.00E+00	3.61E-02	2.07E-08	1.64E-04	1.80E-03	0.00E+00	0.00E+00	9.69E-13	1.88E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-06	1.94E-03	7.70E-01	0.00E+00	8.45E-11	2.84E-09	4.54E-04	1.38E-06	1.03E-03	0.00E+00	7.70E-01	2.17E-09	7.70E-01	7.70E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MT310A	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.05E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MT316A	3.71E-04	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.19E-01	0.00E+00	9.00E-11	3.01E-09	4.80E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MT320A	3.80E-04	6.01E-02	0.00E+00	6.01E-02	0.00E+00	0.00E+00	3.94E-02	2.26E-08	1.78E-04	1.95E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.11E-03	8.39E-01	0.00E+00	9.22E-11	3.09E-09	4.92E-04	1.50E-06	1.12E-03	0.00E+00	8.39E-01	2.37E-09	8.39E-01	8.41E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
MT325A	3.83E-04	6.04E-02	0.00E+00	6.04E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.06E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-06	2.12E-03	8.44E-01	0.00E+00	9.28E-11	3.12E-09	4.97E-04	1.51E-06	1.13E-03	0.00E+00	8.44E-01	2.38E-09	8.44E-01	8.45E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
MT332A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MT340A	3.72E-03	8.08E-02	0.00E+00	8.08E-02	0.00E+00	0.00E+00	5.22E-02	2.84E-08	7.14E-04	7.62E-03	0.00E+00	0.00E+00	1.40E-12	2.72E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.85E-06	2.65E-03	1.01E+00	0.00E+00	1.09E-10	1.80E-08	2.00E-03	1.88E-06	1.36E-03	0.00E+00	1.01E+00	2.91E-09	1.01E+00	1.11E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MT350A	4.44E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.61E-09	5.77E-04	1.75E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.80E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MT363A	3.70E-03	8.32E-02	0.00E+00	8.32E-02	0.00E+00	0.00E+00	5.47E-02	3.03E-08	7.11E-04	7.59E-03	0.00E+00	0.00E+00	1.46E-12	2.84E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-06	2.81E-03	1.09E+00	0.00E+00	1.16E-10	1.78E-08	1.99E-03	1.97E-06	1.50E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.17E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04
MTN106	1.12E-04	1.76E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.16E-02	6.63E-09	5.25E-05	5.76E-04	0.00E+00	0.00E+00	3.11E-13	6.01E-12	4.30E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.20E-04	2.47E-01	0.00E+00	2.71E-11	9.10E-10	1.45E-04	4.42E-07	3.29E-04	0.00E+00	2.47E-01	6.96E-10	2.47E-01	2.47E-01	3.29E-04	0.00E+00	0.00E+00	0.00E+00	6.71E-05
MTN110	1.02E-03	2.95E-02	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.76E-02	1.01E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	4.38E-13	9.77E-12	6.09E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	8.99E-04	3.73E-01	0.00E+00	3.83E-11	5.40E-09	6.81E-04	6.25E-07	4.77E-04	0.00E+00	3.73E-01	1.05E-09	3.73E-01	3.73E-01	4.77E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05
MTN116	1.12E-04	1.77E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.23E-02	6.93E-09	5.21E-05	5.72E-04	0.00E+00	0.00E+00	3.33E-13	6.13E-12	4.53E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.76E-04	2.59E-01	0.00E+00	2.86E-11	9.08E-10	1.44E-04	4.74E-07	3.63E-04	0.00E+00	2.59E-01	7.28E-10	2.59E-01	2.60E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.13E-05
MTN120	1.03E-03	2.98E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	1.78E-02	1.02E-08	2.44E-04	2.67E-03	0.00E+00	0.00E+00	4.42E-13	9.87E-12	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.08E-04	3.77E-01	0.00E+00	3.87E-11	5.45E-09	6.88E-04	6.31E-07	4.81E-04	0.00E+00	3.77E-01	1.06E-09	3.77E-01	3.77E-01	4.81E-04	0.00E+00	0.00E+00	0.00E+00	9.79E-05
MTN125	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.34E-09	5.78E-05	6.34E-04	0.00E+00	0.00E+00	3.44E-13	6.62E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.87E-04	2.71E-01	0.00E+00	3.00E-11	1.01E-09	1.60E-04	4.89E-07	3.64E-04	0.00E+00	2.71E-01	7.66E-10	2.71E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-05
MTN132	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.38E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.93E-13	7.56E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.84E-04	3.10E-01	0.00E+00	3.42E-11	1.15E-09	1.82E-04	5.59E-07	4.16E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MTN140	1.46E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.12E-09	6.42E-05	7.05E-04	0.00E+00	0.00E+00	3.80E-13	7.36E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.60E-04	3.02E-01	0.00E+00	3.32E-11	1.11E-09	1.78E-04	5.41E-07	4.03E-04	0.00E+00	3.02E-01	8.52E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
MTN150	1.44E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.52E-09	6.71E-05	7.36E-04	0.00E+00	0.00E+00	3.99E-13	7.69E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	7.97E-04	3.16E-01	0.00E+00	3.48E-11	1.17E-09	1.86E-04	5.68E-07	4.23E-04	0.00E+00	3.16E-01	8.91E-10	3.16E-01	3.17E-01	4.23E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-05
MTN163	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.47E-02	8.39E-09	6.65E-05	7.30E-04	0.00E+00	0.00E+00	3.93E-13	7.62E-12	5.45E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.85E-04	3.13E-01	0.00E+00	3.43E-11	1.15E-09	1.84E-04	5.59E-07	4.16E-04	0.00E+00	3.13E-01	8.82E-10	3.13E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.51E-05
MU102A	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.58E-13	1.25E-11	7.76E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.15E-03	4.73E-01	0.00E+00	4.90E-11	6.79E-09	8.39E-04	7.97E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MU104A	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.28E-03	0.00E+00	0.00E+00	5.59E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.91E-11	6.80E-09	8.40E-04	7.98E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MU106A	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.34E-09	5.78E-05	6.34E-04	0.00E+00	0.00E+00	3.44E-13	6.62E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.87E-04	2.71E-01	0.00E+00	3.00E-11	1.01E-09	1.60E-04	4.89E-07	3.64E-04	0.00E+00	2.71E-01	7.66E-10	2.71E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MU110A	1.23E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.31E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.42E-13	6.61E-12	4.75E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.84E-04	2.71E-01	0.00E+00	2.99E-11	1.00E-09	1.60E-04	4.87E-07	3.63E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.72E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MU116A	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.29E-02	7.40E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.47E-13	6.73E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.92E-04	2.76E-01	0.00E+00	3.02E-11	1.02E-09	1.62E-04	4.93E-07	3.67E-04	0.00E+00	2.76E-01	7.78E-10	2.76E-01	2.76E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MU120A	1.25E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.29E-02	7.38E-09	5.85E-05	6.42E-04	0.00E+00	0.00E+00	3.46E-13	6.70E-12	4.79E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.91E-04	2.75E-01	0.00E+00	3.02E-11	1.01E-09	1.62E-04	4.92E-07	3.66E-04	0.00E+00	2.75E-01	7.76E-10	2.75E-01	2.75E-01	3.66E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-05
MU125A	1.24E-03	3.62E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	2.14E-02	1.23E-08	2.87E-04	3.17E-03	0.00E+00	0.00E+00	5.34E-13	1.20E-11	7.43E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	1.10E-03	4.52E-01	0.00E+00	4.69E-11	6.54E-09	8.10E-04	7.63E-07	5.82E-04	0.00E+00	4.52E-01	1.28E-09	4.52E-01	4.54E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MU132A	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.28E-03	0.00E+00	0.00E+00	5.59E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.91E-11	6.80E-09	8.40E-04	7.98E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MU140A	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.58E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.91E-11	6.79E-09	8.39E-04	7.98E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MU150A	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.59E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.91E-11	6.79E-09	8.39E-04	7.98E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MU163A	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.60E-13	1.25E-11	7.78E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.92E-11	6.79E-09	8.40E-04	7.99E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.76E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MU202A	2.65E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.04E-12	2.48E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.15E-03	9.17E-01	0.00E+00	9.05E-11	1.35E-08	1.57E-03	1.49E-06	1.14E-03	0.00E+00	9.17E-01	2.61E-09	9.17E-01	9.00E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MU206A	2.44E-03	7.08E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	4.07E-02	2.34E-08	5.33E-04	5.60E-03	0.00E+00	0.00E+00	9.88E-13	2.33E-11	1.37E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-06	2.04E-03	8.70E-01	0.00E+00	8.61E-11	1.26E-08	1.47E-03	1.40E-06	1.08E-03	0.00E+00	8.70E-01	2.46E-09	8.70E-01	8.62E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MU210A	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MU216A	2.50E-04	3.94E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	2.58E-02	1.48E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.93E-13	1.34E-11	9.61E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	1.38E-03	5.50E-01	0.00E+00	6.05E-11	2.03E-09	3.23E-04	9.86E-07	7.34E-04	0.00E+00	5.50E-01	1.55E-09	5.50E-01	5.51E-01	7.34E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04
MU220A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MU225A	2.53E-03	7.30E-02	0.00E+00	7.30E-02	0.00E+00	0.00E+00	4.17E-02	2.39E-08	5.48E-04	5.76E-03	0.00E+00	0.00E+00	1.02E-12	2.39E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.11E-03	8.91E-01	0.00E+00	8.92E-11	1.30E-08	1.52E-03	1.47E-06	1.12E-03	0.00E+00	8.91E-01	2.53E-09	8.91E-01	8.79E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
MU232A	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	3.01E-02	1.71E-08	1.35E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.62E-03	6.37E-01	0.00E+00	7.07E-11	2.35E-09	3.75E-04	1.15E-06	8.51E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MU240A	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MU250A	2.66E-03	7.53E-02	0.00E+00	7.53E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.70E-04	6.02E-03	0.00E+00	0.00E+00	1.07E-12	2.46E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-06	2.17E-03	9.25E-01	0.00E+00	9.25E-11	1.36E-08	1.59E-03	1.52E-06	1.16E-03	0.00E+00	9.25E-01	2.64E-09	9.25E-01	9.17E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MU263A	2.69E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.75E-04	6.06E-03	0.00E+00	0.00E+00	1.08E-12	2.47E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.18E-03	9.25E-01	0.00E+00	9.28E-11	1.37E-08	1.60E-03	1.52E-06	1.16E-03	0.00E+00	9.25E-01	2.65E-09	9.25E-01	9.17E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MU302A	3.73E-03	8.07E-02	0.00E+00	8.07E-02	0.00E+00	0.00E+00	5.21E-02	2.83E-08	7.14E-04	7.62E-03	0.00E+00	0.00E+00	1.40E-12	2.72E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.85E-06	2.64E-03	1.01E+00	0.00E+00	1.09E-10	1.80E-08	2.00E-03	1.87E-06	1.36E-03	0.00E+00	1.01E+00	2.91E-09	1.01E+00	1.11E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MU306A	3.62E-04	5.70E-02	0.00E+00	5.70E-02	0.00E+00	0.00E+00	3.74E-02	2.14E-08	1.70E-04	1.86E-03	0.00E+00	0.00E+00	1.00E-12	1.94E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-06	2.00E-03	7.97E-01	0.00E+00	8.75E-11	2.94E-09	4.70E-04	1.43E-06	1.06E-03	0.00E+00	7.97E-01	2.25E-09	7.97E-01	7.97E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MU310A	3.49E-04	5.51E-02	0.00E+00	5.51E-02	0.00E+00	0.00E+00	3.61E-02	2.07E-08	1.64E-04	1.80E-03	0.00E+00	0.00E+00	9.69E-13	1.88E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-06	1.94E-03	7.70E-01	0.00E+00	8.45E-11	2.84E-09	4.54E-04	1.38E-06	1.03E-03	0.00E+00	7.70E-01	2.17E-09	7.70E-01	7.70E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MU316A	3.71E-04	5.84E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.83E-02	2.19E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-06	2.05E-03	8.16E-01	0.00E+00	8.96E-11	3.01E-09	4.80E-04	1.46E-06	1.09E-03	0.00E+00	8.16E-01	2.30E-09	8.16E-01	8.17E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
MU320A	3.71E-04	5.87E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	3.85E-02	2.21E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.07E-03	8.20E-01	0.00E+00	9.02E-11	3.01E-09	4.80E-04	1.47E-06	1.10E-03	0.00E+00	8.20E-01	2.32E-09	8.20E-01	8.22E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
MU325A	3.55E-03	7.78E-02	0.00E+00	7.78E-02	0.00E+00	0.00E+00	5.02E-02	2.73E-08	6.84E-04	7.28E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.56E-03	9.83E-01	0.00E+00	1.06E-10	1.72E-08	1.91E-03	1.81E-06	1.31E-03	0.00E+00	9.83E-01	2.81E-09	9.83E-01	1.06E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MU332A	4.15E-04	6.55E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.30E-02	2.46E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.30E-03	9.15E-01	0.00E+00	1.01E-10	3.38E-09	5.39E-04	1.64E-06	1.22E-03	0.00E+00	9.15E-01	2.58E-09	9.15E-01	9.16E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MU340A	3.72E-03	8.08E-02	0.00E+00	8.08E-02	0.00E+00	0.00E+00	5.22E-02	2.83E-08	7.14E-04	7.62E-03	0.00E+00	0.00E+00	1.40E-12	2.72E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-06	2.65E-03	1.01E+00	0.00E+00	1.09E-10	1.80E-08	2.00E-03	1.87E-06	1.36E-03	0.00E+00	1.01E+00	2.91E-09	1.01E+00	1.11E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MU350A	3.69E-03	8.40E-02	0.00E+00	8.40E-02	0.00E+00	0.00E+00	5.52E-02	3.05E-08	7.10E-04	7.59E-03	0.00E+00	0.00E+00	1.47E-12	2.86E-11	2.01E-04	0.00E+00	0.00E+00	0.00E+00	7.28E-06	2.84E-03	1.10E+00	0.00E+00	1.17E-10	1.78E-08	1.99E-03	1.99E-06	1.51E-03	0.00E+00	1.10E+00	3.10E-09	1.10E+00	1.18E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
MU363A	3.70E-03	8.35E-02	0.00E+00	8.35E-02	0.00E+00	0.00E+00	5.49E-02	3.04E-08	7.11E-04	7.59E-03	0.00E+00	0.00E+00	1.46E-12	2.85E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.82E-03	1.09E+00	0.00E+00	1.17E-10	1.78E-08	1.99E-03	1.98E-06	1.50E-03	0.00E+00	1.09E+00	3.08E-09	1.09E+00	1.17E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-04
MU406A	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.07E+00	0.00E+00	1.17E-10	3.92E-09	6.28E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MU410A	4.84E-04	7.83E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.07E-02	2.93E-08	2.44E-04	2.77E-03	0.00E+00	0.00E+00	1.45E-12	2.75E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.87E-03	1.12E+00	0.00E+00	1.26E-10	4.34E-09	6.77E-04	1.98E-06	1.54E-03	0.00E+00	1.12E+00	3.13E-09	1.12E+00	1.11E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
MU416A	4.84E-04	7.83E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.07E-02	2.93E-08	2.44E-04	2.77E-03	0.00E+00	0.00E+00	1.45E-12	2.75E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.87E-03	1.12E+00	0.00E+00	1.26E-10	4.34E-09	6.77E-04	1.98E-06	1.54E-03	0.00E+00	1.12E+00	3.13E-09	1.12E+00	1.11E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
MU420A	4.93E-04	8.16E-02	0.00E+00	8.16E-02	0.00E+00	0.00E+00	5.20E-02	3.04E-08	2.48E-04	2.82E-03	0.00E+00	0.00E+00	1.51E-12	2.78E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-06	2.94E-03	1.14E+00	0.00E+00	1.30E-10	4.41E-09	6.88E-04	2.02E-06	1.57E-03	0.00E+00	1.14E+00	3.26E-09	1.14E+00	1.14E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
MU425A	3.72E-03	9.73E-02	0.00E+00	9.73E-02	0.00E+00	0.00E+00	6.25E-02	3.52E-08	7.22E-04	8.35E-03	0.00E+00	0.00E+00	1.59E-12	3.29E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-06	3.24E-03	1.30E+00	0.00E+00	1.39E-10	1.79E-08	2.09E-03	2.20E-06	1.76E-03	0.00E+00	1.30E+00	3.74E-09	1.30E+00	1.28E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MU432A	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MU440A	3.72E-03	9.84E-02	0.00E+00	9.84E-02	0.00E+00	0.00E+00	6.32E-02	3.56E-08	7.24E-04	8.36E-03	0.00E+00	0.00E+00	1.62E-12	3.32E-11	2.26E-04	0.00E+00	0.00E+00	0.00E+00	8.16E-06	3.28E-03	1.32E+00	0.00E+00	1.41E-10	1.79E-08	2.09E-03	2.24E-06	1.78E-03	0.00E+00	1.32E+00	3.78E-09	1.32E+00	1.30E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	3.49E-04
MU450A	3.72E-03	1.02E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.56E-02	3.72E-08	7.30E-04	8.42E-03	0.00E+00	0.00E+00	1.70E-12	3.45E-11	2.37E-04	0.00E+00	0.00E+00	0.00E+00	8.56E-06	3.43E-03	1.38E+00	0.00E+00	1.49E-10	1.80E-08	2.11E-03	2.38E-06	1.85E-03	0.00E+00	1.38E+00	3.94E-09	1.38E+00	1.36E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-04
MU463A	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.04E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.75E-09	7.56E-04	2.30E-06	1.72E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MUN106A	1.19E-04	1.88E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.23E-02	7.06E-09	5.58E-05	6.13E-04	0.00E+00	0.00E+00	3.31E-13	6.40E-12	4.58E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-06	6.60E-04	2.62E-01	0.00E+00	2.88E-11	9.69E-10	1.55E-04	4.70E-07	3.50E-04	0.00E+00	2.62E-01	7.41E-10	2.62E-01	2.63E-01	3.50E-04	0.00E+00	0.00E+00	0.00E+00	7.14E-05
MUN110A	1.06E-04	1.67E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.10E-02	6.27E-09	4.96E-05	5.45E-04	0.00E+00	0.00E+00	2.94E-13	5.69E-12	4.07E-05	0.00E+00	0.00E+00	0.00E+00	1.48E-06	5.87E-04	2.33E-01	0.00E+00	2.56E-11	8.61E-10	1.37E-04	4.18E-07	3.11E-04	0.00E+00	2.33E-01	6.58E-10	2.33E-01	2.34E-01	3.11E-04	0.00E+00	0.00E+00	0.00E+00	6.35E-05
MUN116A	1.07E-04	1.68E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.10E-02	6.32E-09	5.00E-05	5.49E-04	0.00E+00	0.00E+00	2.96E-13	5.73E-12	4.11E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-06	5.92E-04	2.35E-01	0.00E+00	2.58E-11	8.68E-10	1.38E-04	4.21E-07	3.14E-04	0.00E+00	2.35E-01	6.64E-10	2.35E-01	2.35E-01	3.14E-04	0.00E+00	0.00E+00	0.00E+00	6.40E-05
MUN120A	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.29E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.42E-13	6.61E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.82E-04	2.71E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.86E-07	3.62E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.71E-01	3.62E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MUN125A	1.38E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.34E-02	7.69E-09	6.08E-05	6.67E-04	0.00E+00	0.00E+00	3.60E-13	6.97E-12	4.99E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.19E-04	2.86E-01	0.00E+00	3.14E-11	1.06E-09	1.68E-04	5.12E-07	3.82E-04	0.00E+00	2.86E-01	8.07E-10	2.86E-01	2.86E-01	3.82E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
MUN132A	1.41E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.36E-09	6.59E-05	7.24E-04	0.00E+00	0.00E+00	3.91E-13	7.55E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MUN140A	1.41E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.36E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.91E-13	7.55E-12	5.43E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.10E-01	8.74E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MUN206A	2.34E-04	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.20E-03	0.00E+00	0.00E+00	6.50E-13	1.26E-11	9.01E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.16E-01	0.00E+00	5.67E-11	1.90E-09	3.04E-04	9.25E-07	6.88E-04	0.00E+00	5.16E-01	1.46E-09	5.16E-01	5.17E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MUN210A	2.16E-04	3.41E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	2.24E-02	1.28E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	6.00E-13	1.16E-11	8.32E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	1.20E-03	4.76E-01	0.00E+00	5.24E-11	1.76E-09	2.81E-04	8.54E-07	6.36E-04	0.00E+00	4.76E-01	1.34E-09	4.76E-01	4.77E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MUN216A	2.09E-04	3.30E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	2.16E-02	1.24E-08	9.80E-05	1.07E-03	0.00E+00	0.00E+00	5.80E-13	1.12E-11	8.04E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	1.16E-03	4.60E-01	0.00E+00	5.06E-11	1.70E-09	2.71E-04	8.25E-07	6.14E-04	0.00E+00	4.60E-01	1.30E-09	4.60E-01	4.61E-01	6.14E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MUN220A	2.16E-04	3.41E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	2.24E-02	1.28E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	6.01E-13	1.16E-11	8.33E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	1.20E-03	4.77E-01	0.00E+00	5.24E-11	1.76E-09	2.81E-04	8.55E-07	6.36E-04	0.00E+00	4.77E-01	1.35E-09	4.77E-01	4.77E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MUN225A	2.45E-04	3.86E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	2.53E-02	1.45E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.80E-13	1.32E-11	9.42E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.36E-03	5.40E-01	0.00E+00	5.93E-11	1.99E-09	3.18E-04	9.67E-07	7.20E-04	0.00E+00	5.40E-01	1.52E-09	5.40E-01	5.40E-01	7.20E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MUN232A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MUN240A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MUN250A	2.86E-04	4.52E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	2.96E-02	1.70E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.95E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.00E-06	1.59E-03	6.31E-01	0.00E+00	6.93E-11	2.33E-09	3.71E-04	1.13E-06	8.42E-04	0.00E+00	6.31E-01	1.78E-09	6.31E-01	6.32E-01	8.42E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MUN263A	3.02E-04	4.76E-02	0.00E+00	4.76E-02	0.00E+00	0.00E+00	3.12E-02	1.79E-08	1.41E-04	1.55E-03	0.00E+00	0.00E+00	8.38E-13	1.62E-11	1.16E-04	0.00E+00	0.00E+00	0.00E+00	4.21E-06	1.67E-03	6.65E-01	0.00E+00	7.31E-11	2.45E-09	3.92E-04	1.19E-06	8.87E-04	0.00E+00	6.65E-01	1.88E-09	6.65E-01	6.66E-01	8.87E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-04

MUN310A	3.43E-04	5.40E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	3.54E-02	2.03E-08	1.61E-04	1.76E-03	0.00E+00	0.00E+00	9.50E-13	1.84E-11	1.32E-04	0.00E+00	0.00E+00	0.00E+00	4.78E-06	1.90E-03	7.54E-01	0.00E+00	8.29E-11	2.79E-09	4.44E-04	1.35E-06	1.01E-03	0.00E+00	7.54E-01	2.13E-09	7.54E-01	7.55E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	2.05E-04
MUN316A	3.54E-04	5.58E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.66E-02	2.10E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.82E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.80E-01	0.00E+00	8.57E-11	2.88E-09	4.59E-04	1.40E-06	1.04E-03	0.00E+00	7.80E-01	2.20E-09	7.80E-01	7.81E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MUN320A	3.59E-04	5.66E-02	0.00E+00	5.66E-02	0.00E+00	0.00E+00	3.71E-02	2.13E-08	1.68E-04	1.85E-03	0.00E+00	0.00E+00	9.96E-13	1.93E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-06	1.99E-03	7.91E-01	0.00E+00	8.69E-11	2.92E-09	4.66E-04	1.42E-06	1.06E-03	0.00E+00	7.91E-01	2.23E-09	7.91E-01	7.92E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
MUN325A	3.68E-04	5.80E-02	0.00E+00	5.80E-02	0.00E+00	0.00E+00	3.80E-02	2.18E-08	1.72E-04	1.89E-03	0.00E+00	0.00E+00	1.02E-12	1.97E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-06	2.04E-03	8.10E-01	0.00E+00	8.90E-11	2.99E-09	4.77E-04	1.45E-06	1.08E-03	0.00E+00	8.10E-01	2.29E-09	8.10E-01	8.11E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MUN332A	4.20E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.97E-04	2.16E-03	0.00E+00	0.00E+00	1.17E-12	2.26E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.26E-01	0.00E+00	1.02E-10	3.42E-09	5.45E-04	1.66E-06	1.24E-03	0.00E+00	9.26E-01	2.61E-09	9.26E-01	9.27E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MUN406A	4.62E-04	7.29E-02	0.00E+00	7.29E-02	0.00E+00	0.00E+00	4.78E-02	2.74E-08	2.17E-04	2.38E-03	0.00E+00	0.00E+00	1.28E-12	2.48E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.45E-06	2.56E-03	1.02E+00	0.00E+00	1.12E-10	3.76E-09	5.99E-04	1.82E-06	1.36E-03	0.00E+00	1.02E+00	2.87E-09	1.02E+00	1.02E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MUN410A	4.66E-04	7.35E-02	0.00E+00	7.35E-02	0.00E+00	0.00E+00	4.82E-02	2.76E-08	2.18E-04	2.40E-03	0.00E+00	0.00E+00	1.29E-12	2.50E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.51E-06	2.58E-03	1.03E+00	0.00E+00	1.13E-10	3.79E-09	6.04E-04	1.84E-06	1.37E-03	0.00E+00	1.03E+00	2.90E-09	1.03E+00	1.03E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.79E-04
MUN416A	4.62E-04	7.28E-02	0.00E+00	7.28E-02	0.00E+00	0.00E+00	4.77E-02	2.73E-08	2.16E-04	2.37E-03	0.00E+00	0.00E+00	1.28E-12	2.48E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.44E-06	2.56E-03	1.02E+00	0.00E+00	1.12E-10	3.75E-09	5.99E-04	1.82E-06	1.36E-03	0.00E+00	1.02E+00	2.87E-09	1.02E+00	1.02E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MUN420A	4.75E-04	7.48E-02	0.00E+00	7.48E-02	0.00E+00	0.00E+00	4.91E-02	2.81E-08	2.22E-04	2.44E-03	0.00E+00	0.00E+00	1.32E-12	2.55E-11	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.63E-03	1.05E+00	0.00E+00	1.15E-10	3.86E-09	6.15E-04	1.87E-06	1.39E-03	0.00E+00	1.05E+00	2.95E-09	1.05E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.85E-04
MUN425A	4.93E-04	7.77E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	5.10E-02	2.92E-08	2.31E-04	2.53E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-06	2.73E-03	1.09E+00	0.00E+00	1.19E-10	4.01E-09	6.39E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.06E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MUN432A	5.47E-04	8.63E-02	0.00E+00	8.63E-02	0.00E+00	0.00E+00	5.66E-02	3.24E-08	2.57E-04	2.81E-03	0.00E+00	0.00E+00	1.52E-12	2.94E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.64E-06	3.03E-03	1.21E+00	0.00E+00	1.32E-10	4.45E-09	7.10E-04	2.16E-06	1.61E-03	0.00E+00	1.21E+00	3.40E-09	1.21E+00	1.21E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.28E-04
MUN440A	5.53E-04	8.72E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	5.72E-02	3.27E-08	2.59E-04	2.84E-03	0.00E+00	0.00E+00	1.53E-12	2.97E-11	2.13E-04	0.00E+00	0.00E+00	0.00E+00	7.72E-06	3.06E-03	1.22E+00	0.00E+00	1.34E-10	4.50E-09	7.17E-04	2.18E-06	1.62E-03	0.00E+00	1.22E+00	3.44E-09	1.22E+00	1.22E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04
MUN450A	5.91E-04	9.31E-02	0.00E+00	9.31E-02	0.00E+00	0.00E+00	6.11E-02	3.50E-08	2.77E-04	3.04E-03	0.00E+00	0.00E+00	1.64E-12	3.17E-11	2.27E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-06	3.27E-03	1.30E+00	0.00E+00	1.43E-10	4.80E-09	7.66E-04	2.33E-06	1.74E-03	0.00E+00	1.30E+00	3.67E-09	1.30E+00	1.30E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
MUN463A	5.99E-04	9.44E-02	0.00E+00	9.44E-02	0.00E+00	0.00E+00	6.19E-02	3.55E-08	2.81E-04	3.08E-03	0.00E+00	0.00E+00	1.66E-12	3.22E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	8.36E-06	3.32E-03	1.32E+00	0.00E+00	1.45E-10	4.87E-09	7.77E-04	2.36E-06	1.76E-03	0.00E+00	1.32E+00	3.72E-09	1.32E+00	1.32E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	3.59E-04
MUN506A	2.33E-04	3.67E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.41E-02	1.38E-08	1.09E-04	1.20E-03	0.00E+00	0.00E+00	6.46E-13	1.25E-11	8.95E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-06	1.29E-03	5.13E-01	0.00E+00	5.63E-11	1.89E-09	3.02E-04	9.18E-07	6.84E-04	0.00E+00	5.13E-01	1.45E-09	5.13E-01	5.13E-01	6.84E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MUN510A	2.08E-04	3.28E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	2.15E-02	1.23E-08	9.75E-05	1.07E-03	0.00E+00	0.00E+00	5.77E-13	1.12E-11	8.00E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.15E-03	4.58E-01	0.00E+00	5.04E-11	1.69E-09	2.70E-04	8.21E-07	6.12E-04	0.00E+00	4.58E-01	1.29E-09	4.58E-01	4.59E-01	6.12E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MUN516A	2.09E-04	3.30E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	2.17E-02	1.24E-08	9.82E-05	1.08E-03	0.00E+00	0.00E+00	5.81E-13	1.12E-11	8.05E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-06	1.16E-03	4.61E-01	0.00E+00	5.07E-11	1.70E-09	2.72E-04	8.27E-07	6.16E-04	0.00E+00	4.61E-01	1.30E-09	4.61E-01	4.62E-01	6.16E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MUN520A	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.02E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.78E-01	0.00E+00	5.25E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.78E-01	1.35E-09	4.78E-01	4.79E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MUN525A	2.31E-04	3.64E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	2.39E-02	1.37E-08	1.08E-04	1.19E-03	0.00E+00	0.00E+00	6.40E-13	1.24E-11	8.87E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-06	1.28E-03	5.08E-01	0.00E+00	5.58E-11	1.88E-09	2.99E-04	9.10E-07	6.78E-04	0.00E+00	5.08E-01	1.43E-09	5.08E-01	5.09E-01	6.78E-04	0.00E+00	0.00E+00	0.00E+00	1.38E-04
MUN532A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MUN540A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MUN606A	4.86E-04	7.66E-02	0.00E+00	7.66E-02	0.00E+00	0.00E+00	5.02E-02	2.88E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.35E-12	2.61E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-06	2.69E-03	1.07E+00	0.00E+00	1.18E-10	3.95E-09	6.31E-04	1.92E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.07E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MUN610A	4.47E-04	7.04E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.62E-02	2.65E-08	2.09E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.48E-03	9.84E-01	0.00E+00	1.08E-10	3.63E-09	5.79E-04	1.76E-06	1.31E-03	0.00E+00	9.84E-01	2.78E-09	9.84E-01	9.85E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MUN616A	4.85E-04	7.64E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	5.01E-02	2.87E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-06	2.69E-03	1.07E+00	0.00E+00	1.17E-10	3.94E-09	6.29E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MUN620A	4.91E-04	7.75E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	5.08E-02	2.91E-08	2.30E-04	2.53E-03	0.00E+00	0.00E+00	1.36E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	4.00E-09	6.37E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MUN625A	4.90E-04	7.73E-02	0.00E+00	7.73E-02	0.00E+00	0.00E+00	5.07E-02	2.90E-08	2.30E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.85E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	3.99E-09	6.36E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
MUN632A	5.40E-04	8.52E-02	0.00E+00	8.52E-02	0.00E+00	0.00E+00	5.59E-02	3.20E-08	2.53E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.90E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.39E-09	7.01E-04	2.13E-06	1.59E-03	0.00E+00	1.19E+00	3.36E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
MUN640A	5.45E-04	8.59E-02	0.00E+00	8.59E-02	0.00E+00	0.00E+00	5.64E-02	3.23E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.07E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.39E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MUN650A	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MUN663A	6.10E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MV106	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.26E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.40E-13	6.57E-12	4.72E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.80E-04	2.70E-01	0.00E+00	2.97E-11	9.97E-10	1.59E-04	4.84E-07	3.60E-04	0.00E+00	2.70E-01	7.60E-10	2.70E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-05
MV106Z	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.25E-09	5.72E-05	6.28E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.78E-04	2.69E-01	0.00E+00	2.96E-11	9.95E-10	1.58E-04	4.83E-07	3.60E-04	0.00E+00	2.69E-01	7.59E-10	2.69E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MV110Z	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.24E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.77E-04	2.69E-01	0.00E+00	2.96E-11	9.94E-10	1.59E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MV116	1.12E-04	1.76E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.17E-02	6.68E-09	5.21E-05	5.72E-04	0.00E+00	0.00E+00	3.14E-13	6.02E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.31E-04	2.48E-01	0.00E+00	2.73E-11	9.08E-10	1.44E-04	4.48E-07	3.36E-04	0.00E+00	2.48E-01	6.99E-10	2.48E-01	2.50E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05
MV116Z	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.29E-02	7.40E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.47E-13	6.73E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.92E-04	2.76E-01	0.00E+00	3.02E-11	1.02E-09	1.62E-04	4.93E-07	3.67E-04	0.00E+00	2.76E-01	7.78E-10	2.76E-01	2.76E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MV120	1.10E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.52E-09	5.16E-05	5.66E-04	0.00E+00	0.00E+00	3.05E-13	5.90E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.10E-04	2.42E-01	0.00E+00	2.66E-11	8.95E-10	1.43E-04	4.35E-07	3.24E-04	0.00E+00	2.42E-01	6.84E-10	2.42E-01	2.43E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05
MV120Z	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.29E-02	7.36E-09	5.84E-05	6.41E-04	0.00E+00	0.00E+00	3.45E-13	6.68E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.89E-04	2.75E-01	0.00E+00	3.01E-11	1.01E-09	1.62E-04	4.91E-07	3.65E-04	0.00E+00	2.75E-01	7.74E-10	2.75E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-05
MV125	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.60E-09	6.00E-05	6.59E-04	0.00E+00	0.00E+00	3.56E-13	6.86E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.82E-01	0.00E+00	3.11E-11	1.04E-09	1.66E-04	5.07E-07	3.77E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MV125Z	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.01E-05	6.59E-04	0.00E+00	0.00E+00	3.57E-13	6.87E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.82E-01	0.00E+00	3.11E-11	1.05E-09	1.66E-04	5.08E-07	3.78E-04	0.00E+00	2.82E-01	7.96E-10	2.82E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MV132	1.41E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.36E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.92E-13	7.54E-12	5.43E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.83E-04	3.10E-01	0.00E+00	3.42E-11	1.15E-09	1.82E-04	5.57E-07	4.15E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.11E-01	4.15E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
MV132Z	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.13E-09	6.55E-05	7.18E-04	0.00E+00	0.00E+00	3.81E-13	7.49E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.07E-01	0.00E+00	3.32E-11	1.12E-09	1.81E-04	5.42E-07	4.04E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MV140	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.45E-02	8.33E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.90E-13	7.54E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.80E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.09E-01	8.72E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
MV140Z	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.24E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.86E-13	7.52E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.48E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.07E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
MV206	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MV220	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MV225	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.59E-01	0.00E+00	6.15E-11	2.06E-09	3.28E-04	1.00E-06	7.47E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MV232	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MV240	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MV332	4.15E-04	6.55E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.30E-02	2.46E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.30E-03	9.15E-01	0.00E+00	1.01E-10	3.38E-09	5.39E-04	1.64E-06	1.22E-03	0.00E+00	9.15E-01	2.58E-09	9.15E-01	9.16E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MV340	4.26E-04	6.61E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.86E-06	2.32E-03	9.19E-01	0.00E+00	1.02E-10	3.41E-09	5.41E-04	1.66E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MV432	5.43E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.01E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MV440	5.43E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.01E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MW106	1.03E-03	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	4.39E-13	9.79E-12	6.10E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	9.01E-04	3.74E-01	0.00E+00	3.84E-11	5.41E-09	6.83E-04	6.26E-07	4.78E-04	0.00E+00	3.74E-01	1.05E-09	3.74E-01	3.74E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	9.71E-05
MW110	1.03E-03	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.76E-02	1.02E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	4.39E-13	9.79E-12	6.10E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-06	9.01E-04	3.74E-01	0.00E+00	3.84E-11	5.41E-09	6.83E-04	6.26E-07	4.78E-04	0.00E+00	3.74E-01	1.05E-09	3.74E-01	3.74E-01	4.78E-04	0.00E+00	0.00E+00	0.00E+00	9.71E-05
MW116	1.12E-04	1.76E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.19E-02	6.79E-09	5.21E-05	5.72E-04	0.00E+00	0.00E+00	3.18E-13	6.02E-12	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.42E-04	2.50E-01	0.00E+00	2.77E-11	9.08E-10	1.44E-04	4.56E-07	3.42E-04	0.00E+00	2.50E-01	7.03E-10	2.50E-01	2.53E-01	3.42E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
MW120	1.04E-03	2.99E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.78E-02	1.03E-08	2.45E-04	2.68E-03	0.00E+00	0.00E+00	4.43E-13	9.89E-12	6.17E-05	0.00E+00	0.00E+00	0.00E+00	2.28E-06	9.10E-04	3.77E-01	0.00E+00	3.88E-11	5.46E-09	6.90E-04	6.33E-07	4.83E-04	0.00E+00	3.77E-01	1.07E-09	3.77E-01	3.78E-01	4.83E-04	0.00E+00	0.00E+00	0.00E+00	9.81E-05
MW125	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.56E-09	5.98E-05	6.56E-04	0.00E+00	0.00E+00	3.54E-13	6.85E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.81E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.81E-01	7.94E-10	2.81E-01	2.82E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05
MW132	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.45E-02	8.33E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.90E-13	7.55E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.79E-04	3.10E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.10E-01	8.74E-10	3.10E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.43E-05
MW140	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.33E-09	6.60E-05	7.24E-04	0.00E+00	0.00E+00	3.90E-13	7.55E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.80E-04	3.10E-01	0.00E+00	3.41E-11	1.14E-09	1.83E-04	5.56E-07	4.14E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.10E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
MW206	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MW210	2.42E-04	3.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.32E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.57E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
MW225	2.53E-04	3.99E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.04E-13	1.36E-11	9.76E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	1.41E-03	5.58E-01	0.00E+00	6.14E-11	2.06E-09	3.28E-04	1.00E-06	7.46E-04	0.00E+00	5.58E-01	1.58E-09	5.58E-01	5.59E-01	7.46E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MW232	2.71E-04	4.28E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.80E-02	1.61E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.52E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.50E-03	5.97E-01	0.00E+00	6.56E-11	2.21E-09	3.52E-04	1.07E-06	7.97E-04	0.00E+00	5.97E-01	1.69E-09	5.97E-01	5.98E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MW240	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MW306	3.67E-04	5.78E-02	0.00E+00	5.78E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.02E-12	1.96E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-06	2.03E-03	8.05E-01	0.00E+00	8.87E-11	2.98E-09	4.73E-04	1.45E-06	1.08E-03	0.00E+00	8.05E-01	2.27E-09	8.05E-01	8.09E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MW310	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.06E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MW316	3.21E-04	5.06E-02	0.00E+00	5.06E-02	0.00E+00	0.00E+00	3.32E-02	1.90E-08	1.50E-04	1.65E-03	0.00E+00	0.00E+00	8.90E-13	1.72E-11	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.48E-06	1.78E-03	7.07E-01	0.00E+00	7.77E-11	2.61E-09	4.16E-04	1.27E-06	9.43E-04	0.00E+00	7.07E-01	1.99E-09	7.07E-01	7.08E-01	9.43E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04
MW320	3.71E-04	5.84E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.83E-02	2.20E-08	1.74E-04	1.91E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-06	2.05E-03	8.16E-01	0.00E+00	8.97E-11	3.01E-09	4.81E-04	1.46E-06	1.09E-03	0.00E+00	8.16E-01	2.30E-09	8.16E-01	8.18E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
MW325	3.83E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.43E-01	0.00E+00	9.26E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.43E-01	2.38E-09	8.43E-01	8.44E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MW332	4.17E-04	6.58E-02	0.00E+00	6.58E-02	0.00E+00	0.00E+00	4.31E-02	2.47E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.82E-06	2.31E-03	9.19E-01	0.00E+00	1.01E-10	3.39E-09	5.41E-04	1.65E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.20E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MW340	4.17E-04	6.57E-02	0.00E+00	6.57E-02	0.00E+00	0.00E+00	4.31E-02	2.47E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.82E-06	2.31E-03	9.18E-01	0.00E+00	1.01E-10	3.39E-09	5.40E-04	1.64E-06	1.22E-03	0.00E+00	9.18E-01	2.59E-09	9.18E-01	9.19E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MW350	4.43E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-06	2.46E-03	9.78E-01	0.00E+00	1.07E-10	3.60E-09	5.76E-04	1.75E-06	1.30E-03	0.00E+00	9.78E-01	2.76E-09	9.78E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MW363	4.44E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.79E-01	0.00E+00	1.08E-10	3.62E-09	5.76E-04	1.76E-06	1.31E-03	0.00E+00	9.79E-01	2.76E-09	9.79E-01	9.81E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MW406	4.83E-04	7.62E-02	0.00E+00	7.62E-02	0.00E+00	0.00E+00	5.00E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-06	2.68E-03	1.07E+00	0.00E+00	1.17E-10	3.93E-09	6.28E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MW410	4.83E-04	7.62E-02	0.00E+00	7.62E-02	0.00E+00	0.00E+00	5.00E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-06	2.68E-03	1.07E+00	0.00E+00	1.17E-10	3.93E-09	6.28E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MW416	5.02E-04	8.28E-02	0.00E+00	8.28E-02	0.00E+00	0.00E+00	5.26E-02	3.07E-08	2.52E-04	2.86E-03	0.00E+00	0.00E+00	1.52E-12	2.82E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.96E-03	1.15E+00	0.00E+00	1.31E-10	4.48E-09	6.98E-04	2.03E-06	1.58E-03	0.00E+00	1.15E+00	3.30E-09	1.15E+00	1.15E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MW420	5.01E-04	8.28E-02	0.00E+00	8.28E-02	0.00E+00	0.00E+00	5.26E-02	3.07E-08	2.52E-04	2.86E-03	0.00E+00	0.00E+00	1.52E-12	2.81E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.96E-03	1.15E+00	0.00E+00	1.31E-10	4.48E-09	6.98E-04	2.03E-06	1.58E-03	0.00E+00	1.15E+00	3.30E-09	1.15E+00	1.15E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MW425	5.03E-04	8.24E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.36E-04	2.68E-03	0.00E+00	0.00E+00	1.45E-12	2.73E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-06	2.88E-03	1.13E+00	0.00E+00	1.25E-10	4.49E-09	7.00E-04	2.00E-06	1.52E-03	0.00E+00	1.13E+00	3.22E-09	1.13E+00	1.13E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
MW432	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MW440	5.45E-04	8.58E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	5.63E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.06E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MWN102A	1.40E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.34E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.90E-13	7.54E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.79E-04	3.09E-01	0.00E+00	3.41E-11	1.14E-09	1.82E-04	5.56E-07	4.13E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.43E-05

MWN104A	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.91E-13	7.53E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.09E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
MWN106	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.16E-02	6.61E-09	5.19E-05	5.69E-04	0.00E+00	0.00E+00	3.09E-13	5.99E-12	4.32E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-06	6.21E-04	2.45E-01	0.00E+00	2.70E-11	9.02E-10	1.44E-04	4.44E-07	3.31E-04	0.00E+00	2.45E-01	6.92E-10	2.45E-01	2.46E-01	3.31E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-05
MWN106A	1.15E-04	1.81E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.19E-02	6.80E-09	5.39E-05	5.91E-04	0.00E+00	0.00E+00	3.19E-13	6.18E-12	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.36E-04	2.54E-01	0.00E+00	2.78E-11	9.34E-10	1.49E-04	4.53E-07	3.37E-04	0.00E+00	2.54E-01	7.16E-10	2.54E-01	2.53E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-05
MWN110	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.19E-02	6.84E-09	5.41E-05	5.94E-04	0.00E+00	0.00E+00	3.20E-13	6.20E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.40E-04	2.54E-01	0.00E+00	2.80E-11	9.39E-10	1.50E-04	4.56E-07	3.39E-04	0.00E+00	2.54E-01	7.18E-10	2.54E-01	2.55E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MWN110A	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.19E-02	6.84E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.20E-13	6.20E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.40E-04	2.55E-01	0.00E+00	2.79E-11	9.39E-10	1.50E-04	4.56E-07	3.39E-04	0.00E+00	2.55E-01	7.18E-10	2.55E-01	2.55E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MWN116	1.34E-04	2.11E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.38E-02	7.91E-09	6.26E-05	6.87E-04	0.00E+00	0.00E+00	3.70E-13	7.16E-12	5.13E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.39E-04	2.94E-01	0.00E+00	3.23E-11	1.09E-09	1.73E-04	5.26E-07	3.92E-04	0.00E+00	2.94E-01	8.29E-10	2.94E-01	2.94E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-05
MWN116A	1.15E-04	1.81E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.19E-02	6.80E-09	5.39E-05	5.91E-04	0.00E+00	0.00E+00	3.19E-13	6.18E-12	4.42E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-06	6.36E-04	2.54E-01	0.00E+00	2.78E-11	9.34E-10	1.49E-04	4.53E-07	3.37E-04	0.00E+00	2.54E-01	7.16E-10	2.54E-01	2.53E-01	3.37E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-05
MWN120	1.32E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.37E-02	7.85E-09	6.22E-05	6.83E-04	0.00E+00	0.00E+00	3.68E-13	7.12E-12	5.10E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.34E-04	2.92E-01	0.00E+00	3.21E-11	1.08E-09	1.72E-04	5.23E-07	3.90E-04	0.00E+00	2.92E-01	8.24E-10	2.92E-01	2.92E-01	3.90E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-05
MWN120A	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.86E-09	5.44E-05	5.96E-04	0.00E+00	0.00E+00	3.21E-13	6.22E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.42E-04	2.55E-01	0.00E+00	2.80E-11	9.42E-10	1.50E-04	4.57E-07	3.41E-04	0.00E+00	2.55E-01	7.20E-10	2.55E-01	2.56E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-05
MWN125	1.27E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.54E-09	5.97E-05	6.54E-04	0.00E+00	0.00E+00	3.53E-13	6.83E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.05E-04	2.80E-01	0.00E+00	3.08E-11	1.04E-09	1.65E-04	5.02E-07	3.74E-04	0.00E+00	2.80E-01	7.91E-10	2.80E-01	2.81E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.63E-05
MWN125A	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.35E-09	5.78E-05	6.34E-04	0.00E+00	0.00E+00	3.45E-13	6.62E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.71E-01	0.00E+00	3.01E-11	1.01E-09	1.60E-04	4.90E-07	3.65E-04	0.00E+00	2.71E-01	7.66E-10	2.71E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
MWN132	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.12E-09	6.42E-05	7.05E-04	0.00E+00	0.00E+00	3.80E-13	7.36E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.60E-04	3.02E-01	0.00E+00	3.32E-11	1.11E-09	1.78E-04	5.41E-07	4.03E-04	0.00E+00	3.02E-01	8.52E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
MWN132A	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.91E-13	7.53E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.09E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
MWN140	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.22E-09	6.56E-05	7.20E-04	0.00E+00	0.00E+00	3.85E-13	7.52E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.47E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MWN150	1.45E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	8.58E-09	6.81E-05	7.47E-04	0.00E+00	0.00E+00	4.02E-13	7.79E-12	5.57E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.03E-04	3.19E-01	0.00E+00	3.51E-11	1.18E-09	1.89E-04	5.72E-07	4.26E-04	0.00E+00	3.19E-01	9.01E-10	3.19E-01	3.20E-01	4.26E-04	0.00E+00	0.00E+00	0.00E+00	8.69E-05
MWN202A	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MWN204A	2.76E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.66E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.09E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MWN206	2.39E-04	3.77E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.47E-02	1.41E-08	1.12E-04	1.23E-03	0.00E+00	0.00E+00	6.63E-13	1.28E-11	9.18E-05	0.00E+00	0.00E+00	0.00E+00	3.33E-06	1.32E-03	5.26E-01	0.00E+00	5.78E-11	1.94E-09	3.09E-04	9.43E-07	7.02E-04	0.00E+00	5.26E-01	1.48E-09	5.26E-01	5.27E-01	7.02E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04
MWN206A	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.02E-13	1.16E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.78E-01	0.00E+00	5.25E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.78E-01	1.35E-09	4.78E-01	4.79E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MWN210	2.22E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.29E-02	1.31E-08	1.04E-04	1.14E-03	0.00E+00	0.00E+00	6.15E-13	1.19E-11	8.52E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-06	1.23E-03	4.88E-01	0.00E+00	5.37E-11	1.80E-09	2.87E-04	8.75E-07	6.52E-04	0.00E+00	4.88E-01	1.38E-09	4.88E-01	4.89E-01	6.52E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04
MWN210A	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.02E-13	1.16E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.78E-01	0.00E+00	5.25E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.78E-01	1.35E-09	4.78E-01	4.79E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MWN216	2.17E-04	3.47E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.81E-01	0.00E+00	5.26E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MWN216A	2.18E-04	3.44E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.26E-02	1.29E-08	1.02E-04	1.12E-03	0.00E+00	0.00E+00	6.06E-13	1.17E-11	8.40E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.21E-03	4.81E-01	0.00E+00	5.29E-11	1.78E-09	2.83E-04	8.62E-07	6.42E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.42E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MWN220	2.45E-04	3.86E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	2.54E-02	1.45E-08	1.15E-04	1.26E-03	0.00E+00	0.00E+00	6.80E-13	1.32E-11	9.43E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-06	1.36E-03	5.40E-01	0.00E+00	5.93E-11	1.99E-09	3.18E-04	9.68E-07	7.20E-04	0.00E+00	5.40E-01	1.52E-09	5.40E-01	5.41E-01	7.20E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-04
MWN220A	2.18E-04	3.47E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.06E-04	1.37E-03	0.00E+00	0.00E+00	6.07E-13	1.17E-11	8.41E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.21E-03	4.82E-01	0.00E+00	5.29E-11	1.78E-09	3.37E-04	8.63E-07	6.43E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.85E-01	6.43E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MWN225	2.47E-04	3.90E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	2.56E-02	1.46E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.86E-13	1.33E-11	9.50E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	1.37E-03	5.44E-01	0.00E+00	5.98E-11	2.01E-09	3.20E-04	9.75E-07	7.26E-04	0.00E+00	5.44E-01	1.54E-09	5.44E-01	5.45E-01	7.26E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
MWN225A	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MWN232	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MWN232A	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MWN240	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MWN240A	2.76E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.67E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.10E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MWN250	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.08E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.05E-11	2.37E-09	3.77E-04	1.15E-06	8.56E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.56E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MWN263	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.74E-08	1.37E-04	1.51E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.46E-01	0.00E+00	7.10E-11	2.38E-09	3.80E-04	1.16E-06	8.62E-04	0.00E+00	6.46E-01	1.82E-09	6.46E-01	6.47E-01	8.62E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MWN302A	4.26E-04	6.61E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.96E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-06	2.32E-03	9.19E-01	0.00E+00	1.01E-10	3.41E-09	5.41E-04	1.65E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MWN304A	4.26E-04	6.61E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.86E-06	2.32E-03	9.19E-01	0.00E+00	1.02E-10	3.41E-09	5.41E-04	1.66E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MWN306	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	9.71E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.72E-01	0.00E+00	8.47E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.72E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MWN306A	3.53E-04	5.57E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	3.66E-02	2.09E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.81E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.78E-01	0.00E+00	8.56E-11	2.87E-09	4.58E-04	1.40E-06	1.04E-03	0.00E+00	7.78E-01	2.20E-09	7.78E-01	7.80E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MWN310	3.34E-04	5.26E-02	0.00E+00	5.26E-02	0.00E+00	0.00E+00	3.45E-02	1.98E-08	1.56E-04	1.72E-03	0.00E+00	0.00E+00	9.26E-13	1.79E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.66E-06	1.85E-03	7.35E-01	0.00E+00	8.07E-11	2.71E-09	4.33E-04	1.32E-06	9.81E-04	0.00E+00	7.35E-01	2.07E-09	7.35E-01	7.36E-01	9.81E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04
MWN310A	3.54E-04	5.58E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.66E-02	2.10E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.83E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.80E-01	0.00E+00	8.57E-11	2.88E-09	4.58E-04	1.40E-06	1.04E-03	0.00E+00	7.80E-01	2.20E-09	7.80E-01	7.81E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MWN316	3.10E-04	4.89E-02	0.00E+00	4.89E-02	0.00E+00	0.00E+00	3.21E-02	1.84E-08	1.45E-04	1.59E-03	0.00E+00	0.00E+00	8.60E-13	1.66E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.33E-06	1.72E-03	6.83E-01	0.00E+00	7.50E-11	2.52E-09	4.02E-04	1.22E-06	9.11E-04	0.00E+00	6.83E-01	1.93E-09	6.83E-01	6.84E-01	9.11E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-04
MWN316A	3.54E-04	5.58E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	3.66E-02	2.09E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.81E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-06	1.96E-03	7.79E-01	0.00E+00	8.56E-11	2.88E-09	4.58E-04	1.40E-06	1.04E-03	0.00E+00	7.79E-01	2.20E-09	7.79E-01	7.80E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MWN320	3.66E-04	5.77E-02	0.00E+00	5.77E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.72E-04	1.88E-03	0.00E+00	0.00E+00	1.02E-12	1.96E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-06	2.03E-03	8.06E-01	0.00E+00	8.86E-11	2.98E-09	4.75E-04	1.44E-06	1.08E-03	0.00E+00	8.06E-01	2.27E-09	8.06E-01	8.07E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MWN320A	3.62E-04	5.71E-02	0.00E+00	5.71E-02	0.00E+00	0.00E+00	3.74E-02	2.14E-08	1.70E-04	1.86E-03	0.00E+00	0.00E+00	1.00E-12	1.94E-11	1.39E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-06	2.01E-03	7.97E-01	0.00E+00	8.76E-11	2.94E-09	4.70E-04	1.43E-06	1.06E-03	0.00E+00	7.97E-01	2.25E-09	7.97E-01	7.98E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.17E-04
MWN325	3.68E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.89E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-06	2.04E-03	8.11E-01	0.00E+00	8.92E-11	3.00E-09	4.78E-04	1.45E-06	1.08E-03	0.00E+00	8.11E-01	2.29E-09	8.11E-01	8.12E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
MWN325A	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.05E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MWN332	4.03E-04	6.35E-02	0.00E+00	6.35E-02	0.00E+00	0.00E+00	4.17E-02	2.39E-08	1.89E-04	2.07E-03	0.00E+00	0.00E+00	1.12E-12	2.16E-11	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.62E-06	2.23E-03	8.87E-01	0.00E+00	9.75E-11	3.28E-09	5.22E-04	1.59E-06	1.18E-03	0.00E+00	8.87E-01	2.50E-09	8.87E-01	8.88E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.42E-04
MWN332A	4.26E-04	6.61E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.86E-06	2.32E-03	9.19E-01	0.00E+00	1.02E-10	3.41E-09	5.41E-04	1.66E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MWN340	4.06E-04	6.40E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.20E-02	2.41E-08	1.90E-04	2.09E-03	0.00E+00	0.00E+00	1.13E-12	2.18E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-06	2.25E-03	8.95E-01	0.00E+00	9.83E-11	3.30E-09	5.27E-04	1.60E-06	1.19E-03	0.00E+00	8.95E-01	2.52E-09	8.95E-01	8.96E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.44E-04
MWN340A	4.26E-04	6.60E-02	0.00E+00	6.60E-02	0.00E+00	0.00E+00	4.33E-02	2.48E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-06	2.32E-03	9.19E-01	0.00E+00	1.01E-10	3.40E-09	5.41E-04	1.65E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.24E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MWN350	4.29E-04	6.76E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.43E-02	2.54E-08	2.01E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.38E-03	9.44E-01	0.00E+00	1.04E-10	3.48E-09	5.56E-04	1.69E-06	1.26E-03	0.00E+00	9.44E-01	2.66E-09	9.44E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MWN363	4.43E-04	6.98E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.07E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.45E-03	9.75E-01	0.00E+00	1.07E-10	3.60E-09	5.74E-04	1.75E-06	1.30E-03	0.00E+00	9.75E-01	2.75E-09	9.75E-01	9.76E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MWN406	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.92E-09	6.26E-04	1.90E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
MWN410	4.47E-04	7.04E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.62E-02	2.65E-08	2.09E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.48E-03	9.84E-01	0.00E+00	1.08E-10	3.63E-09	5.79E-04	1.76E-06	1.31E-03	0.00E+00	9.84E-01	2.78E-09	9.84E-01	9.85E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MWN416	4.19E-04	6.61E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	4.34E-02	2.48E-08	1.96E-04	2.16E-03	0.00E+00	0.00E+00	1.16E-12	2.25E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.85E-06	2.32E-03	9.23E-01	0.00E+00	1.01E-10	3.41E-09	5.44E-04	1.65E-06	1.23E-03	0.00E+00	9.23E-01	2.61E-09	9.23E-01	9.25E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MWN420	4.91E-04	7.75E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	5.08E-02	2.91E-08	2.30E-04	2.53E-03	0.00E+00	0.00E+00	1.36E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	4.00E-09	6.37E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MWN425	4.91E-04	7.75E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	5.08E-02	2.91E-08	2.30E-04	2.53E-03	0.00E+00	0.00E+00	1.36E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	4.00E-09	6.37E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MWN432	5.40E-04	8.52E-02	0.00E+00	8.52E-02	0.00E+00	0.00E+00	5.59E-02	3.20E-08	2.53E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.90E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.39E-09	7.01E-04	2.13E-06	1.59E-03	0.00E+00	1.19E+00	3.36E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
MWN440	5.45E-04	8.59E-02	0.00E+00	8.59E-02	0.00E+00	0.00E+00	5.64E-02	3.23E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.07E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.39E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MWN450	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MWN463	5.82E-04	9.18E-02	0.00E+00	9.18E-02	0.00E+00	0.00E+00	6.02E-02	3.45E-08	2.73E-04	2.99E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.13E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.73E-09	7.55E-04	2.30E-06	1.71E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.28E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.49E-04
MWN510	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.21E-04	1.62E-03	0.00E+00	0.00E+00	6.04E-13	1.18E-11	8.41E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.27E-11	1.86E-09	3.79E-04	8.63E-07	6.43E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.86E-01	6.43E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MWN516	2.17E-04	3.47E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	2.25E-02	1.29E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.03E-13	1.17E-11	8.35E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.81E-01	0.00E+00	5.26E-11	1.76E-09	2.81E-04	8.57E-07	6.38E-04	0.00E+00	4.81E-01	1.36E-09	4.81E-01	4.82E-01	6.38E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MWN520	2.21E-04	3.50E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	2.28E-02	1.31E-08	1.07E-04	1.38E-03	0.00E+00	0.00E+00	6.12E-13	1.18E-11	8.48E-05	0.00E+00	0.00E+00	0.00E+00	3.08E-06	1.22E-03	4.85E-01	0.00E+00	5.33E-11	1.79E-09	3.39E-04	8.70E-07	6.48E-04	0.00E+00	4.85E-01	1.37E-09	4.85E-01	4.89E-01	6.48E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MWN532	2.76E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.66E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.09E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MWN540	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.99E-02	1.70E-08	1.34E-04	1.48E-03	0.00E+00	0.00E+00	8.02E-13	1.54E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.33E-01	0.00E+00	7.03E-11	2.33E-09	3.72E-04	1.15E-06	8.46E-04	0.00E+00	6.33E-01	1.79E-09	6.33E-01	6.34E-01	8.46E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MWN602A	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MWN604A	5.46E-04	8.61E-02	0.00E+00	8.61E-02	0.00E+00	0.00E+00	5.65E-02	3.23E-08	2.56E-04	2.81E-03	0.00E+00	0.00E+00	1.52E-12	2.93E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-06	3.03E-03	1.20E+00	0.00E+00	1.32E-10	4.44E-09	7.08E-04	2.16E-06	1.61E-03	0.00E+00	1.20E+00	3.39E-09	1.20E+00	1.20E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MWN606A	4.74E-04	7.47E-02	0.00E+00	7.47E-02	0.00E+00	0.00E+00	4.90E-02	2.81E-08	2.22E-04	2.44E-03	0.00E+00	0.00E+00	1.31E-12	2.54E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-06	2.63E-03	1.04E+00	0.00E+00	1.15E-10	3.85E-09	6.15E-04	1.87E-06	1.39E-03	0.00E+00	1.04E+00	2.95E-09	1.04E+00	1.05E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.84E-04
MWN610A	4.48E-04	7.06E-02	0.00E+00	7.06E-02	0.00E+00	0.00E+00	4.63E-02	2.65E-08	2.10E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.25E-06	2.48E-03	9.86E-01	0.00E+00	1.08E-10	3.64E-09	5.80E-04	1.77E-06	1.32E-03	0.00E+00	9.86E-01	2.78E-09	9.86E-01	9.87E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MWN616A	4.71E-04	7.43E-02	0.00E+00	7.43E-02	0.00E+00	0.00E+00	4.88E-02	2.79E-08	2.21E-04	2.42E-03	0.00E+00	0.00E+00	1.31E-12	2.53E-11	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.61E-03	1.04E+00	0.00E+00	1.14E-10	3.83E-09	6.12E-04	1.86E-06	1.39E-03	0.00E+00	1.04E+00	2.93E-09	1.04E+00	1.04E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MWN620A	4.87E-04	7.68E-02	0.00E+00	7.68E-02	0.00E+00	0.00E+00	5.04E-02	2.89E-08	2.28E-04	2.50E-03	0.00E+00	0.00E+00	1.35E-12	2.61E-11	1.87E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-06	2.70E-03	1.07E+00	0.00E+00	1.18E-10	3.96E-09	6.31E-04	1.92E-06	1.43E-03	0.00E+00	1.07E+00	3.03E-09	1.07E+00	1.07E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	2.92E-04
MWN625A	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.74E-06	2.67E-03	1.07E+00	0.00E+00	1.17E-10	3.92E-09	6.27E-04	1.90E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MWN640A	5.45E-04	8.58E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	5.63E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.06E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MWS206A	2.18E-04	3.47E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.06E-04	1.37E-03	0.00E+00	0.00E+00	6.07E-13	1.17E-11	8.41E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.21E-03	4.82E-01	0.00E+00	5.29E-11	1.78E-09	3.37E-04	8.63E-07	6.43E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.85E-01	6.43E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MWS210A	2.17E-04	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.26E-02	1.30E-08	1.21E-04	1.62E-03	0.00E+00	0.00E+00	6.04E-13	1.18E-11	8.41E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-06	1.22E-03	4.82E-01	0.00E+00	5.27E-11	1.86E-09	3.79E-04	8.63E-07	6.43E-04	0.00E+00	4.82E-01	1.36E-09	4.82E-01	4.86E-01	6.43E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
MWS216A	2.10E-04	3.31E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	2.17E-02	1.24E-08	9.87E-05	1.08E-03	0.00E+00	0.00E+00	5.83E-13	1.13E-11	8.08E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-06	1.16E-03	4.63E-01	0.00E+00	5.08E-11	1.71E-09	2.73E-04	8.29E-07	6.17E-04	0.00E+00	4.63E-01	1.31E-09	4.63E-01	4.63E-01	6.17E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04
MWS220A	2.27E-04	3.58E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	2.35E-02	1.35E-08	1.06E-04	1.17E-03	0.00E+00	0.00E+00	6.31E-13	1.22E-11	8.74E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-06	1.26E-03	5.01E-01	0.00E+00	5.50E-11	1.85E-09	2.94E-04	8.97E-07	6.68E-04	0.00E+00	5.01E-01	1.41E-09	5.01E-01	5.01E-01	6.68E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04
MWS225A	2.52E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.60E-02	1.49E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	6.99E-13	1.35E-11	9.68E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.55E-01	0.00E+00	6.10E-11	2.05E-09	3.27E-04	9.94E-07	7.40E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.55E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MWS232A	2.71E-04	4.30E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.74E-13	1.47E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.07E-01	0.00E+00	6.78E-11	2.20E-09	3.52E-04	1.11E-06	8.13E-04	0.00E+00	6.07E-01	1.71E-09	6.07E-01	6.07E-01	8.13E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MWS240A	2.82E-04	4.46E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.93E-02	1.68E-08	1.33E-04	1.45E-03	0.00E+00	0.00E+00	7.85E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.57E-03	6.23E-01	0.00E+00	6.85E-11	2.30E-09	3.67E-04	1.12E-06	8.32E-04	0.00E+00	6.23E-01	1.76E-09	6.23E-01	6.24E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MWS310A	3.65E-04	5.13E-02	0.00E+00	5.13E-02	0.00E+00	0.00E+00	3.41E-02	1.96E-08	1.53E-04	1.73E-03	0.00E+00	0.00E+00	9.23E-13	1.77E-11	1.28E-04	0.00E+00	0.00E+00	0.00E+00	4.62E-06	1.83E-03	7.28E-01	0.00E+00	8.03E-11	2.65E-09	4.38E-04	1.32E-06	9.73E-04	0.00E+00	7.28E-01	2.05E-09	7.28E-01	7.21E-01	9.73E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-04

MWS316A	3.39E-04	5.36E-02	0.00E+00	5.36E-02	0.00E+00	0.00E+00	3.51E-02	2.02E-08	1.59E-04	1.75E-03	0.00E+00	0.00E+00	9.46E-13	1.83E-11	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-06	1.89E-03	7.48E-01	0.00E+00	8.25E-11	2.76E-09	4.40E-04	1.35E-06	9.99E-04	0.00E+00	7.48E-01	2.11E-09	7.48E-01	7.49E-01	9.99E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04
MWS320A	3.35E-04	5.27E-02	0.00E+00	5.27E-02	0.00E+00	0.00E+00	3.46E-02	1.98E-08	1.57E-04	1.72E-03	0.00E+00	0.00E+00	9.28E-13	1.80E-11	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.67E-06	1.85E-03	7.38E-01	0.00E+00	8.10E-11	2.72E-09	4.35E-04	1.32E-06	9.83E-04	0.00E+00	7.38E-01	2.08E-09	7.38E-01	7.38E-01	9.83E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04
MWS325A	3.71E-04	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.19E-01	0.00E+00	9.00E-11	3.01E-09	4.80E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MWS332A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.91E-06	2.35E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MWS340A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MWS606A	4.41E-04	6.96E-02	0.00E+00	6.96E-02	0.00E+00	0.00E+00	4.57E-02	2.62E-08	2.05E-04	2.25E-03	0.00E+00	0.00E+00	1.23E-12	2.36E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.16E-06	2.45E-03	9.68E-01	0.00E+00	1.07E-10	3.59E-09	5.69E-04	1.74E-06	1.30E-03	0.00E+00	9.68E-01	2.73E-09	9.68E-01	9.74E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
MWS610A	4.45E-04	7.02E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.61E-02	2.64E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.24E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-06	2.47E-03	9.81E-01	0.00E+00	1.08E-10	3.62E-09	5.78E-04	1.76E-06	1.31E-03	0.00E+00	9.81E-01	2.77E-09	9.81E-01	9.82E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MWS616A	4.44E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.79E-01	0.00E+00	1.08E-10	3.62E-09	5.76E-04	1.76E-06	1.31E-03	0.00E+00	9.79E-01	2.76E-09	9.79E-01	9.81E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MWS620A	4.54E-04	7.38E-02	0.00E+00	7.38E-02	0.00E+00	0.00E+00	4.76E-02	2.78E-08	2.13E-04	2.34E-03	0.00E+00	0.00E+00	1.38E-12	2.52E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.69E-06	2.70E-03	1.04E+00	0.00E+00	1.17E-10	3.70E-09	5.90E-04	1.89E-06	1.45E-03	0.00E+00	1.04E+00	2.83E-09	1.04E+00	1.04E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04
MWS625A	4.84E-04	7.83E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.08E-02	2.95E-08	2.44E-04	2.77E-03	0.00E+00	0.00E+00	1.45E-12	2.75E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.88E-03	1.12E+00	0.00E+00	1.26E-10	4.34E-09	6.77E-04	1.98E-06	1.55E-03	0.00E+00	1.12E+00	3.13E-09	1.12E+00	1.11E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
MWS632A	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MWS640A	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MX106	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.24E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.77E-04	2.69E-01	0.00E+00	2.96E-11	9.94E-10	1.59E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
MX110	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.35E-02	7.71E-09	6.04E-05	6.63E-04	0.00E+00	0.00E+00	3.61E-13	6.94E-12	5.01E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-06	7.22E-04	2.85E-01	0.00E+00	3.15E-11	1.06E-09	1.67E-04	5.14E-07	3.83E-04	0.00E+00	2.85E-01	8.03E-10	2.85E-01	2.87E-01	3.83E-04	0.00E+00	0.00E+00	0.00E+00	7.75E-05
MX113	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.29E-02	7.40E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.47E-13	6.73E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.92E-04	2.76E-01	0.00E+00	3.02E-11	1.02E-09	1.62E-04	4.93E-07	3.67E-04	0.00E+00	2.76E-01	7.78E-10	2.76E-01	2.76E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
MX116	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.17E-02	6.65E-09	5.19E-05	5.69E-04	0.00E+00	0.00E+00	3.12E-13	5.99E-12	4.36E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.27E-04	2.46E-01	0.00E+00	2.71E-11	9.02E-10	1.44E-04	4.46E-07	3.34E-04	0.00E+00	2.46E-01	6.96E-10	2.46E-01	2.49E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
MX120	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.45E-09	5.90E-05	6.47E-04	0.00E+00	0.00E+00	3.49E-13	6.76E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.98E-04	2.77E-01	0.00E+00	3.05E-11	1.02E-09	1.63E-04	4.97E-07	3.70E-04	0.00E+00	2.77E-01	7.83E-10	2.77E-01	2.78E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
MX125	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.33E-02	7.59E-09	5.99E-05	6.57E-04	0.00E+00	0.00E+00	3.56E-13	6.86E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.10E-04	2.82E-01	0.00E+00	3.10E-11	1.04E-09	1.66E-04	5.06E-07	3.77E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.83E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MX132	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.22E-09	6.56E-05	7.20E-04	0.00E+00	0.00E+00	3.85E-13	7.52E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.47E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MX140	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.14E-09	6.55E-05	7.18E-04	0.00E+00	0.00E+00	3.81E-13	7.49E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.62E-04	3.07E-01	0.00E+00	3.33E-11	1.12E-09	1.81E-04	5.43E-07	4.04E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MX206	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MX210	2.49E-04	3.91E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.88E-13	1.33E-11	9.54E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-06	1.37E-03	5.46E-01	0.00E+00	6.00E-11	2.02E-09	3.21E-04	9.79E-07	7.29E-04	0.00E+00	5.46E-01	1.54E-09	5.46E-01	5.47E-01	7.29E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
MX213	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MX216	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MX220	2.52E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.60E-02	1.49E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	6.99E-13	1.35E-11	9.68E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.55E-01	0.00E+00	6.10E-11	2.05E-09	3.27E-04	9.94E-07	7.40E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.55E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MX225	2.51E-04	3.95E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.17E-04	1.29E-03	0.00E+00	0.00E+00	7.21E-13	1.36E-11	9.95E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-06	1.43E-03	5.57E-01	0.00E+00	6.26E-11	2.04E-09	3.25E-04	1.02E-06	7.58E-04	0.00E+00	5.57E-01	1.57E-09	5.57E-01	5.58E-01	7.58E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MX232	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.99E-02	1.70E-08	1.34E-04	1.48E-03	0.00E+00	0.00E+00	8.02E-13	1.54E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.33E-01	0.00E+00	7.03E-11	2.33E-09	3.72E-04	1.15E-06	8.46E-04	0.00E+00	6.33E-01	1.79E-09	6.33E-01	6.34E-01	8.46E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
MX240	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.61E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.52E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.56E-11	2.20E-09	3.52E-04	1.07E-06	7.97E-04	0.00E+00	5.97E-01	1.69E-09	5.97E-01	5.98E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MX306	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.05E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MX310	3.64E-04	5.73E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	3.76E-02	2.15E-08	1.70E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.95E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.07E-06	2.01E-03	8.00E-01	0.00E+00	8.80E-11	2.96E-09	4.71E-04	1.43E-06	1.07E-03	0.00E+00	8.00E-01	2.26E-09	8.00E-01	8.02E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
MX313	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.72E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.73E-01	0.00E+00	8.48E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.73E-01	2.18E-09	7.73E-01	7.73E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MX316	3.51E-04	5.55E-02	0.00E+00	5.55E-02	0.00E+00	0.00E+00	3.64E-02	2.08E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.76E-13	1.89E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.91E-06	1.95E-03	7.76E-01	0.00E+00	8.51E-11	2.86E-09	4.57E-04	1.39E-06	1.03E-03	0.00E+00	7.76E-01	2.19E-09	7.76E-01	7.76E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
MX320	3.83E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.43E-01	0.00E+00	9.26E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.43E-01	2.38E-09	8.43E-01	8.44E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MX325	3.83E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.43E-01	0.00E+00	9.26E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.43E-01	2.38E-09	8.43E-01	8.44E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MX332	4.05E-04	6.38E-02	0.00E+00	6.38E-02	0.00E+00	0.00E+00	4.18E-02	2.40E-08	1.89E-04	2.08E-03	0.00E+00	0.00E+00	1.12E-12	2.17E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.24E-03	8.91E-01	0.00E+00	9.79E-11	3.29E-09	5.24E-04	1.60E-06	1.19E-03	0.00E+00	8.91E-01	2.51E-09	8.91E-01	8.92E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MX340	4.39E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.21E-01	0.00E+00	1.02E-10	3.42E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.21E-01	2.60E-09	9.21E-01	9.28E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MX406	4.42E-04	6.98E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.45E-03	9.75E-01	0.00E+00	1.07E-10	3.60E-09	5.75E-04	1.75E-06	1.30E-03	0.00E+00	9.75E-01	2.75E-09	9.75E-01	9.76E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MX410	4.42E-04	6.98E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.45E-03	9.75E-01	0.00E+00	1.07E-10	3.60E-09	5.75E-04	1.75E-06	1.30E-03	0.00E+00	9.75E-01	2.75E-09	9.75E-01	9.76E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
MX416	4.84E-04	7.83E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.07E-02	2.93E-08	2.44E-04	2.77E-03	0.00E+00	0.00E+00	1.45E-12	2.75E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.87E-03	1.12E+00	0.00E+00	1.26E-10	4.34E-09	6.77E-04	1.98E-06	1.54E-03	0.00E+00	1.12E+00	3.13E-09	1.12E+00	1.11E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
MX425	5.01E-04	8.28E-02	0.00E+00	8.28E-02	0.00E+00	0.00E+00	5.26E-02	3.07E-08	2.52E-04	2.86E-03	0.00E+00	0.00E+00	1.52E-12	2.81E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.96E-03	1.15E+00	0.00E+00	1.31E-10	4.48E-09	6.98E-04	2.03E-06	1.58E-03	0.00E+00	1.15E+00	3.30E-09	1.15E+00	1.15E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MX432	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MX440	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MXN106	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.20E-02	6.85E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.21E-13	6.20E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.41E-04	2.54E-01	0.00E+00	2.80E-11	9.40E-10	1.50E-04	4.56E-07	3.40E-04	0.00E+00	2.54E-01	7.18E-10	2.54E-01	2.55E-01	3.40E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MXN110	1.15E-04	1.82E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.19E-02	6.84E-09	5.42E-05	5.94E-04	0.00E+00	0.00E+00	3.20E-13	6.20E-12	4.44E-05	0.00E+00	0.00E+00	0.00E+00	1.61E-06	6.40E-04	2.55E-01	0.00E+00	2.79E-11	9.39E-10	1.50E-04	4.56E-07	3.39E-04	0.00E+00	2.55E-01	7.18E-10	2.55E-01	2.55E-01	3.39E-04	0.00E+00	0.00E+00	0.00E+00	6.93E-05
MXN116	1.21E-04	1.90E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.25E-02	7.15E-09	5.65E-05	6.20E-04	0.00E+00	0.00E+00	3.35E-13	6.47E-12	4.64E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-06	6.69E-04	2.65E-01	0.00E+00	2.92E-11	9.82E-10	1.56E-04	4.77E-07	3.55E-04	0.00E+00	2.65E-01	7.49E-10	2.65E-01	2.66E-01	3.55E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-05
MXN150	1.45E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	8.58E-09	6.81E-05	7.47E-04	0.00E+00	0.00E+00	4.02E-13	7.79E-12	5.57E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.03E-04	3.19E-01	0.00E+00	3.51E-11	1.18E-09	1.89E-04	5.72E-07	4.26E-04	0.00E+00	3.19E-01	9.01E-10	3.19E-01	3.20E-01	4.26E-04	0.00E+00	0.00E+00	0.00E+00	8.69E-05
MXN163	1.45E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	8.57E-09	6.80E-05	7.46E-04	0.00E+00	0.00E+00	4.01E-13	7.78E-12	5.56E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.02E-04	3.19E-01	0.00E+00	3.50E-11	1.18E-09	1.88E-04	5.71E-07	4.25E-04	0.00E+00	3.19E-01	9.00E-10	3.19E-01	3.19E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05
MXN210	2.34E-04	3.69E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	2.42E-02	1.39E-08	1.10E-04	1.20E-03	0.00E+00	0.00E+00	6.50E-13	1.26E-11	9.01E-05	0.00E+00	0.00E+00	0.00E+00	3.27E-06	1.30E-03	5.16E-01	0.00E+00	5.67E-11	1.90E-09	3.03E-04	9.24E-07	6.88E-04	0.00E+00	5.16E-01	1.46E-09	5.16E-01	5.16E-01	6.88E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04
MXN216	2.43E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.74E-13	1.30E-11	9.34E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.35E-03	5.35E-01	0.00E+00	5.88E-11	1.97E-09	3.14E-04	9.58E-07	7.14E-04	0.00E+00	5.35E-01	1.51E-09	5.35E-01	5.35E-01	7.14E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MXN220	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MXN225	2.51E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.61E-02	1.49E-08	1.18E-04	1.29E-03	0.00E+00	0.00E+00	6.99E-13	1.35E-11	9.69E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.55E-01	0.00E+00	6.10E-11	2.05E-09	3.26E-04	9.95E-07	7.41E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.56E-01	7.41E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MXN232	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	3.01E-02	1.71E-08	1.35E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.62E-03	6.37E-01	0.00E+00	7.07E-11	2.35E-09	3.75E-04	1.15E-06	8.51E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MXN240	2.71E-04	4.29E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.70E-13	1.46E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.54E-03	6.06E-01	0.00E+00	6.75E-11	2.20E-09	3.52E-04	1.10E-06	8.11E-04	0.00E+00	6.06E-01	1.71E-09	6.06E-01	6.06E-01	8.11E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MXN250	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.04E-11	2.37E-09	3.76E-04	1.15E-06	8.55E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.55E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
MXN263	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.45E-01	0.00E+00	7.09E-11	2.38E-09	3.79E-04	1.16E-06	8.61E-04	0.00E+00	6.45E-01	1.82E-09	6.45E-01	6.46E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MXN310	3.49E-04	5.51E-02	0.00E+00	5.51E-02	0.00E+00	0.00E+00	3.61E-02	2.07E-08	1.64E-04	1.80E-03	0.00E+00	0.00E+00	9.69E-13	1.88E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	4.88E-06	1.94E-03	7.70E-01	0.00E+00	8.46E-11	2.84E-09	4.54E-04	1.38E-06	1.03E-03	0.00E+00	7.70E-01	2.17E-09	7.70E-01	7.71E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MXN316	4.05E-04	6.38E-02	0.00E+00	6.38E-02	0.00E+00	0.00E+00	4.18E-02	2.40E-08	1.89E-04	2.08E-03	0.00E+00	0.00E+00	1.12E-12	2.17E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.24E-03	8.91E-01	0.00E+00	9.79E-11	3.29E-09	5.24E-04	1.60E-06	1.19E-03	0.00E+00	8.91E-01	2.51E-09	8.91E-01	8.92E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MXN320	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.06E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MXN325	4.05E-04	6.38E-02	0.00E+00	6.38E-02	0.00E+00	0.00E+00	4.18E-02	2.40E-08	1.89E-04	2.08E-03	0.00E+00	0.00E+00	1.12E-12	2.17E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.24E-03	8.91E-01	0.00E+00	9.79E-11	3.29E-09	5.24E-04	1.60E-06	1.19E-03	0.00E+00	8.91E-01	2.51E-09	8.91E-01	8.92E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MXN350	4.43E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-06	2.46E-03	9.78E-01	0.00E+00	1.07E-10	3.60E-09	5.76E-04	1.75E-06	1.30E-03	0.00E+00	9.78E-01	2.76E-09	9.78E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MXN363	4.45E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.62E-09	5.77E-04	1.76E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.81E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MXN406	4.93E-04	8.16E-02	0.00E+00	8.16E-02	0.00E+00	0.00E+00	5.20E-02	3.04E-08	2.48E-04	2.82E-03	0.00E+00	0.00E+00	1.51E-12	2.78E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-06	2.94E-03	1.14E+00	0.00E+00	1.30E-10	4.41E-09	6.88E-04	2.02E-06	1.57E-03	0.00E+00	1.14E+00	3.26E-09	1.14E+00	1.14E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.23E-04
MXN410	5.03E-04	8.24E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.36E-04	2.68E-03	0.00E+00	0.00E+00	1.45E-12	2.73E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-06	2.88E-03	1.12E+00	0.00E+00	1.25E-10	4.49E-09	7.00E-04	2.00E-06	1.52E-03	0.00E+00	1.12E+00	3.21E-09	1.12E+00	1.13E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
MXN416	4.91E-04	7.74E-02	0.00E+00	7.74E-02	0.00E+00	0.00E+00	5.08E-02	2.91E-08	2.30E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	3.99E-09	6.36E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.04E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
MXN420	4.90E-04	7.73E-02	0.00E+00	7.73E-02	0.00E+00	0.00E+00	5.07E-02	2.90E-08	2.29E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	3.98E-09	6.35E-04	1.93E-06	1.44E-03	0.00E+00	1.08E+00	3.04E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04
MXN425	4.84E-04	7.83E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.07E-02	2.93E-08	2.44E-04	2.77E-03	0.00E+00	0.00E+00	1.45E-12	2.75E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.87E-03	1.12E+00	0.00E+00	1.26E-10	4.34E-09	6.77E-04	1.98E-06	1.54E-03	0.00E+00	1.12E+00	3.13E-09	1.12E+00	1.11E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
MXN432	5.06E-04	8.03E-02	0.00E+00	8.03E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.37E-04	2.60E-03	0.00E+00	0.00E+00	1.41E-12	2.73E-11	1.95E-04	0.00E+00	0.00E+00	0.00E+00	7.10E-06	2.82E-03	1.12E+00	0.00E+00	1.23E-10	4.12E-09	6.57E-04	2.00E-06	1.49E-03	0.00E+00	1.12E+00	3.15E-09	1.12E+00	1.12E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
MXN440	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
MXN450	5.45E-04	8.58E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	5.63E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.06E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MXN463	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.04E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.75E-09	7.56E-04	2.30E-06	1.72E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MY101	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.38E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.93E-13	7.56E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.84E-04	3.10E-01	0.00E+00	3.43E-11	1.15E-09	1.82E-04	5.59E-07	4.16E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
MY101E	1.24E-03	3.62E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	2.14E-02	1.23E-08	2.87E-04	3.17E-03	0.00E+00	0.00E+00	5.34E-13	1.20E-11	7.43E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	1.10E-03	4.53E-01	0.00E+00	4.69E-11	6.54E-09	8.10E-04	7.63E-07	5.82E-04	0.00E+00	4.53E-01	1.28E-09	4.53E-01	4.54E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04
MY102	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.13E-09	6.55E-05	7.18E-04	0.00E+00	0.00E+00	3.81E-13	7.49E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.07E-01	0.00E+00	3.32E-11	1.12E-09	1.81E-04	5.42E-07	4.04E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
MY102E	1.23E-03	3.59E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	2.12E-02	1.22E-08	2.85E-04	3.15E-03	0.00E+00	0.00E+00	5.28E-13	1.19E-11	7.35E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-06	1.08E-03	4.48E-01	0.00E+00	4.64E-11	6.48E-09	8.05E-04	7.55E-07	5.76E-04	0.00E+00	4.48E-01	1.27E-09	4.48E-01	4.49E-01	5.76E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04
MY103	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.12E-09	6.42E-05	7.04E-04	0.00E+00	0.00E+00	3.80E-13	7.35E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.60E-04	3.02E-01	0.00E+00	3.32E-11	1.11E-09	1.78E-04	5.41E-07	4.03E-04	0.00E+00	3.02E-01	8.52E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
MY103E	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.28E-03	0.00E+00	0.00E+00	5.59E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.91E-11	6.80E-09	8.40E-04	7.98E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MY104	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.91E-13	7.54E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.80E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.10E-01	8.73E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
MY104E	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.28E-03	0.00E+00	0.00E+00	5.59E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.91E-11	6.80E-09	8.40E-04	7.98E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MY106	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.26E-09	5.74E-05	6.29E-04	0.00E+00	0.00E+00	3.40E-13	6.58E-12	4.71E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.79E-04	2.70E-01	0.00E+00	2.97E-11	9.96E-10	1.59E-04	4.84E-07	3.60E-04	0.00E+00	2.70E-01	7.61E-10	2.70E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-05
MY106E	1.20E-04	1.89E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.24E-02	7.10E-09	5.64E-05	6.18E-04	0.00E+00	0.00E+00	3.32E-13	6.45E-12	4.61E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-06	6.64E-04	2.65E-01	0.00E+00	2.90E-11	9.74E-10	1.56E-04	4.73E-07	3.52E-04	0.00E+00	2.65E-01	7.48E-10	2.65E-01	2.64E-01	3.52E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-05
MY106P	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.58E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.90E-11	6.79E-09	8.39E-04	7.97E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04

MY110	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.21E-09	5.69E-05	6.24E-04	0.00E+00	0.00E+00	3.38E-13	6.51E-12	4.68E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.74E-04	2.67E-01	0.00E+00	2.94E-11	9.89E-10	1.57E-04	4.80E-07	3.58E-04	0.00E+00	2.67E-01	7.54E-10	2.67E-01	2.68E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.27E-05
MY110E	1.05E-03	3.01E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.79E-02	1.03E-08	2.48E-04	2.71E-03	0.00E+00	0.00E+00	4.45E-13	9.96E-12	6.17E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.13E-04	3.78E-01	0.00E+00	3.89E-11	5.50E-09	6.98E-04	6.35E-07	4.85E-04	0.00E+00	3.78E-01	1.07E-09	3.78E-01	3.79E-01	4.85E-04	0.00E+00	0.00E+00	0.00E+00	9.85E-05
MY110P	1.05E-03	3.01E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.79E-02	1.03E-08	2.48E-04	2.71E-03	0.00E+00	0.00E+00	4.45E-13	9.96E-12	6.17E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.13E-04	3.78E-01	0.00E+00	3.89E-11	5.50E-09	6.98E-04	6.35E-07	4.85E-04	0.00E+00	3.78E-01	1.07E-09	3.78E-01	3.79E-01	4.85E-04	0.00E+00	0.00E+00	0.00E+00	9.85E-05
MY113	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.29E-02	7.36E-09	5.84E-05	6.41E-04	0.00E+00	0.00E+00	3.45E-13	6.69E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.89E-04	2.75E-01	0.00E+00	3.01E-11	1.01E-09	1.62E-04	4.90E-07	3.65E-04	0.00E+00	2.75E-01	7.75E-10	2.75E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.48E-05
MY116	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.24E-09	5.72E-05	6.28E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.78E-04	2.69E-01	0.00E+00	2.96E-11	9.94E-10	1.58E-04	4.83E-07	3.59E-04	0.00E+00	2.69E-01	7.59E-10	2.69E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-05
MY116E	1.12E-04	1.76E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.17E-02	6.68E-09	5.21E-05	5.72E-04	0.00E+00	0.00E+00	3.14E-13	6.02E-12	4.39E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.31E-04	2.48E-01	0.00E+00	2.73E-11	9.08E-10	1.44E-04	4.48E-07	3.36E-04	0.00E+00	2.48E-01	6.99E-10	2.48E-01	2.50E-01	3.36E-04	0.00E+00	0.00E+00	0.00E+00	6.76E-05
MY116P	1.05E-03	3.01E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.79E-02	1.03E-08	2.48E-04	2.71E-03	0.00E+00	0.00E+00	4.45E-13	9.96E-12	6.17E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.13E-04	3.78E-01	0.00E+00	3.89E-11	5.50E-09	6.98E-04	6.35E-07	4.85E-04	0.00E+00	3.78E-01	1.07E-09	3.78E-01	3.79E-01	4.85E-04	0.00E+00	0.00E+00	0.00E+00	9.85E-05
MY120	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.34E-09	5.78E-05	6.34E-04	0.00E+00	0.00E+00	3.44E-13	6.62E-12	4.76E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.87E-04	2.71E-01	0.00E+00	3.00E-11	1.01E-09	1.60E-04	4.89E-07	3.64E-04	0.00E+00	2.71E-01	7.66E-10	2.71E-01	2.73E-01	3.64E-04	0.00E+00	0.00E+00	0.00E+00	7.39E-05
MY120E	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.14E-02	6.51E-09	5.16E-05	5.66E-04	0.00E+00	0.00E+00	3.05E-13	5.90E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.09E-04	2.42E-01	0.00E+00	2.66E-11	8.94E-10	1.43E-04	4.34E-07	3.23E-04	0.00E+00	2.42E-01	6.84E-10	2.42E-01	2.43E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05
MY120P	1.05E-03	3.01E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.79E-02	1.03E-08	2.48E-04	2.71E-03	0.00E+00	0.00E+00	4.45E-13	9.96E-12	6.17E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-06	9.13E-04	3.78E-01	0.00E+00	3.89E-11	5.50E-09	6.98E-04	6.35E-07	4.85E-04	0.00E+00	3.78E-01	1.07E-09	3.78E-01	3.79E-01	4.85E-04	0.00E+00	0.00E+00	0.00E+00	9.85E-05
MY125	1.28E-04	2.02E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.32E-02	7.58E-09	6.00E-05	6.58E-04	0.00E+00	0.00E+00	3.55E-13	6.87E-12	4.92E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.09E-04	2.82E-01	0.00E+00	3.10E-11	1.04E-09	1.66E-04	5.05E-07	3.76E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.82E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
MY132	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.28E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.88E-13	7.53E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.75E-04	3.09E-01	0.00E+00	3.38E-11	1.14E-09	1.82E-04	5.52E-07	4.11E-04	0.00E+00	3.09E-01	8.71E-10	3.09E-01	3.09E-01	4.11E-04	0.00E+00	0.00E+00	0.00E+00	8.40E-05
MY132E	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.45E-02	8.33E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.90E-13	7.54E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.80E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.09E-01	8.72E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
MY132P	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.58E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.90E-11	6.79E-09	8.39E-04	7.98E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MY140	1.38E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.43E-02	8.19E-09	6.49E-05	7.12E-04	0.00E+00	0.00E+00	3.84E-13	7.43E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.66E-04	3.05E-01	0.00E+00	3.35E-11	1.12E-09	1.80E-04	5.46E-07	4.06E-04	0.00E+00	3.05E-01	8.60E-10	3.05E-01	3.05E-01	4.06E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05
MY140E	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.58E-13	1.25E-11	7.76E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-06	1.15E-03	4.73E-01	0.00E+00	4.90E-11	6.79E-09	8.39E-04	7.97E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MY140P	1.18E-03	3.38E-02	0.00E+00	3.38E-02	0.00E+00	0.00E+00	2.01E-02	1.16E-08	2.77E-04	3.03E-03	0.00E+00	0.00E+00	5.01E-13	1.12E-11	6.97E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-06	1.03E-03	4.27E-01	0.00E+00	4.39E-11	6.20E-09	7.80E-04	7.15E-07	5.45E-04	0.00E+00	4.27E-01	1.20E-09	4.27E-01	4.28E-01	5.45E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04
MY150	1.43E-04	2.25E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	1.48E-02	8.47E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.97E-13	7.63E-12	5.49E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.92E-04	3.14E-01	0.00E+00	3.46E-11	1.16E-09	1.84E-04	5.64E-07	4.20E-04	0.00E+00	3.14E-01	8.84E-10	3.14E-01	3.15E-01	4.20E-04	0.00E+00	0.00E+00	0.00E+00	8.54E-05
MY150E	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.60E-13	1.25E-11	7.78E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.92E-11	6.79E-09	8.40E-04	7.99E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.76E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MY163	1.44E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.52E-09	6.71E-05	7.36E-04	0.00E+00	0.00E+00	3.99E-13	7.69E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	7.97E-04	3.16E-01	0.00E+00	3.48E-11	1.17E-09	1.86E-04	5.68E-07	4.23E-04	0.00E+00	3.16E-01	8.91E-10	3.16E-01	3.17E-01	4.23E-04	0.00E+00	0.00E+00	0.00E+00	8.60E-05
MY163E	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.60E-13	1.25E-11	7.78E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.92E-11	6.79E-09	8.40E-04	7.99E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.76E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04
MY201	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MY202	2.82E-04	4.46E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	2.93E-02	1.68E-08	1.33E-04	1.45E-03	0.00E+00	0.00E+00	7.85E-13	1.52E-11	1.09E-04	0.00E+00	0.00E+00	0.00E+00	3.95E-06	1.57E-03	6.23E-01	0.00E+00	6.85E-11	2.30E-09	3.67E-04	1.12E-06	8.32E-04	0.00E+00	6.23E-01	1.76E-09	6.23E-01	6.24E-01	8.32E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04
MY202E	2.65E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.29E-02	2.45E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.05E-12	2.48E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.15E-03	9.18E-01	0.00E+00	9.08E-11	1.35E-08	1.57E-03	1.49E-06	1.14E-03	0.00E+00	9.18E-01	2.61E-09	9.18E-01	9.01E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.35E-04
MY203	2.79E-04	4.39E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-08	1.30E-04	1.43E-03	0.00E+00	0.00E+00	7.72E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.54E-03	6.12E-01	0.00E+00	6.74E-11	2.26E-09	3.60E-04	1.10E-06	8.18E-04	0.00E+00	6.12E-01	1.73E-09	6.12E-01	6.14E-01	8.18E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
MY203E	2.65E-03	7.56E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.05E-12	2.48E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06	2.15E-03	9.18E-01	0.00E+00	9.10E-11	1.35E-08	1.57E-03	1.50E-06	1.14E-03	0.00E+00	9.18E-01	2.61E-09	9.18E-01	9.02E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MY204	2.72E-04	4.28E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.81E-02	1.61E-08	1.28E-04	1.41E-03	0.00E+00	0.00E+00	7.53E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.50E-03	6.00E-01	0.00E+00	6.57E-11	2.21E-09	3.54E-04	1.07E-06	7.98E-04	0.00E+00	6.00E-01	1.69E-09	6.00E-01	5.99E-01	7.98E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
MY204E	2.48E-03	7.20E-02	0.00E+00	7.20E-02	0.00E+00	0.00E+00	4.16E-02	2.39E-08	5.42E-04	5.69E-03	0.00E+00	0.00E+00	1.03E-12	2.36E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-06	2.11E-03	8.89E-01	0.00E+00	8.95E-11	1.28E-08	1.50E-03	1.47E-06	1.12E-03	0.00E+00	8.89E-01	2.53E-09	8.89E-01	8.74E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
MY206	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MY206E	2.05E-03	5.91E-02	0.00E+00	5.91E-02	0.00E+00	0.00E+00	3.53E-02	2.03E-08	4.85E-04	5.31E-03	0.00E+00	0.00E+00	8.78E-13	1.96E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.80E-03	7.48E-01	0.00E+00	7.69E-11	1.08E-08	1.37E-03	1.25E-06	9.56E-04	0.00E+00	7.48E-01	2.11E-09	7.48E-01	7.49E-01	9.56E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MY206P	2.50E-03	7.24E-02	0.00E+00	7.24E-02	0.00E+00	0.00E+00	4.16E-02	2.39E-08	5.43E-04	5.72E-03	0.00E+00	0.00E+00	1.02E-12	2.37E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.10E-03	8.88E-01	0.00E+00	8.90E-11	1.29E-08	1.50E-03	1.46E-06	1.11E-03	0.00E+00	8.88E-01	2.52E-09	8.88E-01	8.77E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
MY210	2.43E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.74E-13	1.30E-11	9.34E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.35E-03	5.35E-01	0.00E+00	5.88E-11	1.97E-09	3.14E-04	9.58E-07	7.14E-04	0.00E+00	5.35E-01	1.51E-09	5.35E-01	5.35E-01	7.14E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MY210P	2.05E-03	5.87E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	3.52E-02	2.02E-08	4.66E-04	4.82E-03	0.00E+00	0.00E+00	8.78E-13	1.95E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.79E-03	7.45E-01	0.00E+00	7.69E-11	1.07E-08	1.27E-03	1.25E-06	9.54E-04	0.00E+00	7.45E-01	2.10E-09	7.45E-01	7.44E-01	9.54E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MY213	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.72E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.12E-11	2.06E-09	3.28E-04	9.98E-07	7.43E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MY216	2.43E-04	3.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.75E-13	1.31E-11	9.36E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.35E-03	5.36E-01	0.00E+00	5.89E-11	1.98E-09	3.16E-04	9.61E-07	7.15E-04	0.00E+00	5.36E-01	1.51E-09	5.36E-01	5.37E-01	7.15E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MY216P	2.05E-03	5.91E-02	0.00E+00	5.91E-02	0.00E+00	0.00E+00	3.53E-02	2.03E-08	4.85E-04	5.31E-03	0.00E+00	0.00E+00	8.78E-13	1.96E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.53E-06	1.80E-03	7.48E-01	0.00E+00	7.69E-11	1.08E-08	1.37E-03	1.25E-06	9.56E-04	0.00E+00	7.48E-01	2.11E-09	7.48E-01	7.49E-01	9.56E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MY220	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
MY220E	2.43E-03	7.04E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.05E-02	2.33E-08	5.33E-04	5.60E-03	0.00E+00	0.00E+00	9.84E-13	2.32E-11	1.37E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-06	2.04E-03	8.68E-01	0.00E+00	8.63E-11	1.26E-08	1.47E-03	1.40E-06	1.08E-03	0.00E+00	8.68E-01	2.45E-09	8.68E-01	8.60E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04
MY220P	2.44E-03	7.08E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	4.06E-02	2.33E-08	5.33E-04	5.60E-03	0.00E+00	0.00E+00	9.84E-13	2.33E-11	1.37E-04	0.00E+00	0.00E+00	0.00E+00	5.11E-06	2.04E-03	8.68E-01	0.00E+00	8.63E-11	1.26E-08	1.47E-03	1.40E-06	1.08E-03	0.00E+00	8.68E-01	2.45E-09	8.68E-01	8.60E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.20E-04
MY225	2.52E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.60E-02	1.49E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	6.99E-13	1.35E-11	9.68E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.55E-01	0.00E+00	6.10E-11	2.05E-09	3.27E-04	9.94E-07	7.40E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.55E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MY225E	2.53E-03	7.30E-02	0.00E+00	7.30E-02	0.00E+00	0.00E+00	4.17E-02	2.39E-08	5.48E-04	5.76E-03	0.00E+00	0.00E+00	1.02E-12	2.39E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.11E-03	8.91E-01	0.00E+00	8.92E-11	1.30E-08	1.52E-03	1.47E-06	1.12E-03	0.00E+00	8.91E-01	2.53E-09	8.91E-01	8.79E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
MY225P	2.69E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.75E-04	6.06E-03	0.00E+00	0.00E+00	1.08E-12	2.47E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.18E-03	9.25E-01	0.00E+00	9.28E-11	1.37E-08	1.60E-03	1.52E-06	1.16E-03	0.00E+00	9.25E-01	2.65E-09	9.25E-01	9.17E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MY232	2.71E-04	4.29E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.70E-13	1.46E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.87E-06	1.54E-03	6.06E-01	0.00E+00	6.75E-11	2.20E-09	3.52E-04	1.10E-06	8.11E-04	0.00E+00	6.06E-01	1.71E-09	6.06E-01	6.06E-01	8.11E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
MY232E	2.65E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.04E-12	2.48E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.15E-03	9.17E-01	0.00E+00	9.05E-11	1.35E-08	1.57E-03	1.49E-06	1.14E-03	0.00E+00	9.17E-01	2.61E-09	9.17E-01	9.00E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MY232P	2.55E-03	7.34E-02	0.00E+00	7.34E-02	0.00E+00	0.00E+00	4.19E-02	2.40E-08	5.50E-04	5.78E-03	0.00E+00	0.00E+00	1.02E-12	2.40E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-06	2.11E-03	8.94E-01	0.00E+00	8.93E-11	1.31E-08	1.52E-03	1.47E-06	1.12E-03	0.00E+00	8.94E-01	2.54E-09	8.94E-01	8.81E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
MY240	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
MY240E	2.65E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.04E-12	2.48E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.15E-03	9.17E-01	0.00E+00	9.06E-11	1.35E-08	1.57E-03	1.49E-06	1.14E-03	0.00E+00	9.17E-01	2.61E-09	9.17E-01	9.01E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MY240P	2.65E-03	7.56E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.04E-12	2.48E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06	2.15E-03	9.18E-01	0.00E+00	9.08E-11	1.35E-08	1.57E-03	1.50E-06	1.14E-03	0.00E+00	9.18E-01	2.61E-09	9.18E-01	9.01E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MY250	2.86E-04	4.50E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	2.95E-02	1.69E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.92E-13	1.53E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-06	1.58E-03	6.29E-01	0.00E+00	6.91E-11	2.32E-09	3.70E-04	1.13E-06	8.39E-04	0.00E+00	6.29E-01	1.77E-09	6.29E-01	6.30E-01	8.39E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
MY250E	2.69E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.75E-04	6.06E-03	0.00E+00	0.00E+00	1.08E-12	2.47E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.18E-03	9.25E-01	0.00E+00	9.28E-11	1.37E-08	1.60E-03	1.52E-06	1.16E-03	0.00E+00	9.25E-01	2.65E-09	9.25E-01	9.17E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MY263	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.97E-02	1.70E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	7.97E-13	1.54E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	4.01E-06	1.59E-03	6.32E-01	0.00E+00	6.95E-11	2.33E-09	3.72E-04	1.13E-06	8.44E-04	0.00E+00	6.32E-01	1.78E-09	6.32E-01	6.33E-01	8.44E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
MY263E	2.67E-03	7.53E-02	0.00E+00	7.53E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.70E-04	6.02E-03	0.00E+00	0.00E+00	1.08E-12	2.46E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.18E-03	9.25E-01	0.00E+00	9.28E-11	1.36E-08	1.59E-03	1.52E-06	1.16E-03	0.00E+00	9.25E-01	2.65E-09	9.25E-01	9.17E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.40E-04
MY301	4.21E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.23E-01	0.00E+00	1.02E-10	3.42E-09	5.43E-04	1.66E-06	1.24E-03	0.00E+00	9.23E-01	2.60E-09	9.23E-01	9.27E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MY301E	3.73E-03	7.98E-02	0.00E+00	7.98E-02	0.00E+00	0.00E+00	5.16E-02	2.79E-08	7.14E-04	7.61E-03	0.00E+00	0.00E+00	1.39E-12	2.69E-11	1.84E-04	0.00E+00	0.00E+00	0.00E+00	6.78E-06	2.61E-03	1.00E+00	0.00E+00	1.08E-10	1.80E-08	2.00E-03	1.85E-06	1.34E-03	0.00E+00	1.00E+00	2.88E-09	1.00E+00	1.10E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
MY302	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MY303	4.16E-04	6.55E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.30E-02	2.46E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.30E-03	9.15E-01	0.00E+00	1.01E-10	3.38E-09	5.39E-04	1.64E-06	1.22E-03	0.00E+00	9.15E-01	2.58E-09	9.15E-01	9.16E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MY304	4.26E-04	6.60E-02	0.00E+00	6.60E-02	0.00E+00	0.00E+00	4.33E-02	2.48E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.84E-06	2.32E-03	9.19E-01	0.00E+00	1.01E-10	3.40E-09	5.41E-04	1.65E-06	1.23E-03	0.00E+00	9.19E-01	2.59E-09	9.19E-01	9.24E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
MY306	3.67E-04	5.78E-02	0.00E+00	5.78E-02	0.00E+00	0.00E+00	3.79E-02	2.17E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.02E-12	1.96E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.12E-06	2.03E-03	8.05E-01	0.00E+00	8.87E-11	2.98E-09	4.73E-04	1.45E-06	1.08E-03	0.00E+00	8.05E-01	2.27E-09	8.05E-01	8.09E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MY306E	3.64E-04	5.73E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	3.76E-02	2.15E-08	1.70E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.95E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.07E-06	2.01E-03	8.00E-01	0.00E+00	8.80E-11	2.96E-09	4.71E-04	1.43E-06	1.07E-03	0.00E+00	8.00E-01	2.26E-09	8.00E-01	8.02E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.18E-04
MY306P	3.55E-03	7.79E-02	0.00E+00	7.79E-02	0.00E+00	0.00E+00	5.02E-02	2.73E-08	6.84E-04	7.28E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.56E-03	9.83E-01	0.00E+00	1.06E-10	1.72E-08	1.91E-03	1.81E-06	1.31E-03	0.00E+00	9.83E-01	2.82E-09	9.83E-01	1.07E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MY310	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.05E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MY310P	3.18E-03	7.62E-02	0.00E+00	7.62E-02	0.00E+00	0.00E+00	4.56E-02	2.53E-08	6.25E-04	6.63E-03	0.00E+00	0.00E+00	1.18E-12	2.48E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.92E-06	2.34E-03	9.52E-01	0.00E+00	1.00E-10	1.57E-08	1.74E-03	1.66E-06	1.20E-03	0.00E+00	9.52E-01	2.74E-09	9.52E-01	9.66E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
MY313	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.72E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.73E-01	0.00E+00	8.48E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.73E-01	2.18E-09	7.73E-01	7.73E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MY316	3.71E-04	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.19E-01	0.00E+00	9.00E-11	3.01E-09	4.80E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MY316P	3.05E-03	7.53E-02	0.00E+00	7.53E-02	0.00E+00	0.00E+00	4.48E-02	2.53E-08	6.26E-04	6.63E-03	0.00E+00	0.00E+00	1.17E-12	2.46E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.75E-06	2.29E-03	9.41E-01	0.00E+00	9.94E-11	1.53E-08	1.74E-03	1.63E-06	1.19E-03	0.00E+00	9.41E-01	2.71E-09	9.41E-01	9.41E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MY320	3.71E-04	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.19E-01	0.00E+00	9.00E-11	3.01E-09	4.80E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
MY320E	3.38E-03	7.31E-02	0.00E+00	7.31E-02	0.00E+00	0.00E+00	4.78E-02	2.61E-08	6.57E-04	6.94E-03	0.00E+00	0.00E+00	1.27E-12	2.49E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-06	2.43E-03	9.42E-01	0.00E+00	1.01E-10	1.66E-08	1.84E-03	1.72E-06	1.25E-03	0.00E+00	9.42E-01	2.69E-09	9.42E-01	1.02E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MY320P	3.31E-03	7.38E-02	0.00E+00	7.38E-02	0.00E+00	0.00E+00	4.69E-02	2.58E-08	6.49E-04	6.86E-03	0.00E+00	0.00E+00	1.24E-12	2.47E-11	1.69E-04	0.00E+00	0.00E+00	0.00E+00	6.13E-06	2.41E-03	9.46E-01	0.00E+00	1.01E-10	1.64E-08	1.82E-03	1.70E-06	1.24E-03	0.00E+00	9.46E-01	2.71E-09	9.46E-01	1.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MY325	3.83E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.43E-01	0.00E+00	9.26E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.43E-01	2.38E-09	8.43E-01	8.44E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
MY325E	3.55E-03	7.79E-02	0.00E+00	7.79E-02	0.00E+00	0.00E+00	5.02E-02	2.73E-08	6.84E-04	7.28E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.56E-03	9.83E-01	0.00E+00	1.06E-10	1.72E-08	1.91E-03	1.81E-06	1.31E-03	0.00E+00	9.83E-01	2.82E-09	9.83E-01	1.07E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MY325P	3.55E-03	7.79E-02	0.00E+00	7.79E-02	0.00E+00	0.00E+00	5.02E-02	2.73E-08	6.84E-04	7.28E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-06	2.56E-03	9.83E-01	0.00E+00	1.06E-10	1.72E-08	1.91E-03	1.81E-06	1.31E-03	0.00E+00	9.83E-01	2.82E-09	9.83E-01	1.07E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MY332	4.05E-04	6.38E-02	0.00E+00	6.38E-02	0.00E+00	0.00E+00	4.18E-02	2.40E-08	1.89E-04	2.08E-03	0.00E+00	0.00E+00	1.12E-12	2.17E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.24E-03	8.91E-01	0.00E+00	9.79E-11	3.29E-09	5.24E-04	1.60E-06	1.19E-03	0.00E+00	8.91E-01	2.51E-09	8.91E-01	8.92E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MY332E	4.16E-04	6.55E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.30E-02	2.46E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.30E-03	9.15E-01	0.00E+00	1.01E-10	3.38E-09	5.39E-04	1.64E-06	1.22E-03	0.00E+00	9.15E-01	2.58E-09	9.15E-01	9.16E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
MY332P	3.72E-03	8.03E-02	0.00E+00	8.03E-02	0.00E+00	0.00E+00	5.19E-02	2.81E-08	7.14E-04	7.61E-03	0.00E+00	0.00E+00	1.40E-12	2.70E-11	1.84E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-06	2.63E-03	1.01E+00	0.00E+00	1.08E-10	1.80E-08	2.00E-03	1.86E-06	1.35E-03	0.00E+00	1.01E+00	2.89E-09	1.01E+00	1.10E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MY340	4.05E-04	6.38E-02	0.00E+00	6.38E-02	0.00E+00	0.00E+00	4.18E-02	2.40E-08	1.89E-04	2.08E-03	0.00E+00	0.00E+00	1.12E-12	2.17E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.24E-03	8.91E-01	0.00E+00	9.79E-11	3.29E-09	5.24E-04	1.60E-06	1.19E-03	0.00E+00	8.91E-01	2.51E-09	8.91E-01	8.92E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
MY340E	3.72E-03	8.07E-02	0.00E+00	8.07E-02	0.00E+00	0.00E+00	5.22E-02	2.83E-08	7.14E-04	7.62E-03	0.00E+00	0.00E+00	1.40E-12	2.72E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-06	2.65E-03	1.01E+00	0.00E+00	1.09E-10	1.80E-08	2.00E-03	1.87E-06	1.36E-03	0.00E+00	1.01E+00	2.90E-09	1.01E+00	1.11E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MY350	4.43E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.19E-06	2.46E-03	9.78E-01	0.00E+00	1.07E-10	3.60E-09	5.76E-04	1.75E-06	1.30E-03	0.00E+00	9.78E-01	2.76E-09	9.78E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MY350E	4.45E-04	7.02E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.61E-02	2.64E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.24E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.22E-06	2.47E-03	9.81E-01	0.00E+00	1.08E-10	3.62E-09	5.78E-04	1.76E-06	1.31E-03	0.00E+00	9.81E-01	2.77E-09	9.81E-01	9.82E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MY363	4.43E-04	6.99E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	4.58E-02	2.62E-08	2.08E-04	2.28E-03	0.00E+00	0.00E+00	1.23E-12	2.38E-11	1.70E-04	0.00E+00	0.00E+00	0.00E+00	6.18E-06	2.46E-03	9.77E-01	0.00E+00	1.07E-10	3.60E-09	5.76E-04	1.75E-06	1.30E-03	0.00E+00	9.77E-01	2.76E-09	9.77E-01	9.77E-01	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.66E-04
MY363E	3.70E-03	8.34E-02	0.00E+00	8.34E-02	0.00E+00	0.00E+00	5.49E-02	3.03E-08	7.11E-04	7.59E-03	0.00E+00	0.00E+00	1.46E-12	2.85E-11	2.00E-04	0.00E+00	0.00E+00	0.00E+00	7.24E-06	2.82E-03	1.09E+00	0.00E+00	1.17E-10	1.78E-08	1.99E-03	1.98E-06	1.50E-03	0.00E+00	1.09E+00	3.08E-09	1.09E+00	1.17E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.16E-04
MY410P	3.69E-03	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	5.96E-02	3.34E-08	7.25E-04	8.25E-03	0.00E+00	0.00E+00	1.54E-12	3.09E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-06	3.07E-03	1.22E+00	0.00E+00	1.26E-10	1.79E-08	2.05E-03	2.13E-06	1.65E-03	0.00E+00	1.22E+00	3.42E-09	1.22E+00	1.25E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04

MY416P	3.71E-03	9.05E-02	0.00E+00	9.05E-02	0.00E+00	0.00E+00	6.02E-02	3.38E-08	7.32E-04	8.35E-03	0.00E+00	0.00E+00	1.55E-12	3.11E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-06	3.09E-03	1.22E+00	0.00E+00	1.27E-10	1.80E-08	2.07E-03	2.15E-06	1.66E-03	0.00E+00	1.22E+00	3.45E-09	1.22E+00	1.26E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
MY420E	4.84E-04	8.12E-02	0.00E+00	8.12E-02	0.00E+00	0.00E+00	5.15E-02	3.01E-08	2.45E-04	2.77E-03	0.00E+00	0.00E+00	1.51E-12	2.77E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-06	2.95E-03	1.13E+00	0.00E+00	1.30E-10	4.54E-09	6.78E-04	2.03E-06	1.57E-03	0.00E+00	1.13E+00	3.23E-09	1.13E+00	1.13E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
MY420P	3.72E-03	9.85E-02	0.00E+00	9.85E-02	0.00E+00	0.00E+00	6.18E-02	3.52E-08	7.35E-04	8.58E-03	0.00E+00	0.00E+00	1.69E-12	3.28E-11	2.30E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-06	3.33E-03	1.31E+00	0.00E+00	1.44E-10	1.79E-08	2.12E-03	2.18E-06	1.83E-03	0.00E+00	1.31E+00	3.84E-09	1.31E+00	1.30E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
MY425E	5.03E-04	8.24E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.36E-04	2.68E-03	0.00E+00	0.00E+00	1.45E-12	2.73E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-06	2.88E-03	1.12E+00	0.00E+00	1.25E-10	4.49E-09	7.00E-04	2.00E-06	1.52E-03	0.00E+00	1.12E+00	3.21E-09	1.12E+00	1.13E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
MY425P	3.72E-03	9.73E-02	0.00E+00	9.73E-02	0.00E+00	0.00E+00	6.25E-02	3.52E-08	7.22E-04	8.35E-03	0.00E+00	0.00E+00	1.59E-12	3.29E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-06	3.24E-03	1.30E+00	0.00E+00	1.39E-10	1.79E-08	2.09E-03	2.20E-06	1.76E-03	0.00E+00	1.30E+00	3.74E-09	1.30E+00	1.28E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MY432E	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MY432P	3.72E-03	9.86E-02	0.00E+00	9.86E-02	0.00E+00	0.00E+00	6.33E-02	3.57E-08	7.24E-04	8.36E-03	0.00E+00	0.00E+00	1.62E-12	3.32E-11	2.26E-04	0.00E+00	0.00E+00	0.00E+00	8.18E-06	3.29E-03	1.32E+00	0.00E+00	1.42E-10	1.79E-08	2.09E-03	2.25E-06	1.78E-03	0.00E+00	1.32E+00	3.79E-09	1.32E+00	1.30E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MY440E	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MY440P	3.72E-03	1.02E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.54E-02	3.71E-08	7.29E-04	8.42E-03	0.00E+00	0.00E+00	1.69E-12	3.45E-11	2.36E-04	0.00E+00	0.00E+00	0.00E+00	8.54E-06	3.42E-03	1.37E+00	0.00E+00	1.48E-10	1.80E-08	2.11E-03	2.37E-06	1.84E-03	0.00E+00	1.37E+00	3.93E-09	1.37E+00	1.36E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	3.65E-04
MY450E	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.04E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.75E-09	7.56E-04	2.30E-06	1.72E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MY463E	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.04E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.75E-09	7.56E-04	2.30E-06	1.72E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
MY706P	2.40E-03	6.90E-02	0.00E+00	6.90E-02	0.00E+00	0.00E+00	3.97E-02	2.28E-08	5.24E-04	5.49E-03	0.00E+00	0.00E+00	9.65E-13	2.28E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-06	2.00E-03	8.52E-01	0.00E+00	8.47E-11	1.23E-08	1.45E-03	1.38E-06	1.06E-03	0.00E+00	8.52E-01	2.41E-09	8.52E-01	8.42E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-04
MY716P	2.05E-03	5.87E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	3.52E-02	2.02E-08	4.66E-04	4.82E-03	0.00E+00	0.00E+00	8.78E-13	1.95E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.79E-03	7.46E-01	0.00E+00	7.69E-11	1.07E-08	1.27E-03	1.25E-06	9.54E-04	0.00E+00	7.46E-01	2.11E-09	7.46E-01	7.44E-01	9.54E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04
MY720P	2.40E-03	6.90E-02	0.00E+00	6.90E-02	0.00E+00	0.00E+00	3.97E-02	2.28E-08	5.24E-04	5.49E-03	0.00E+00	0.00E+00	9.65E-13	2.28E-11	1.34E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-06	2.00E-03	8.52E-01	0.00E+00	8.47E-11	1.23E-08	1.45E-03	1.38E-06	1.06E-03	0.00E+00	8.52E-01	2.41E-09	8.52E-01	8.42E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.16E-04
MY725P	2.44E-03	7.08E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	4.10E-02	2.35E-08	5.33E-04	5.59E-03	0.00E+00	0.00E+00	1.01E-12	2.33E-11	1.41E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-06	2.08E-03	8.74E-01	0.00E+00	8.79E-11	1.26E-08	1.47E-03	1.45E-06	1.10E-03	0.00E+00	8.74E-01	2.48E-09	8.74E-01	8.60E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.27E-04
MY732P	2.48E-03	7.21E-02	0.00E+00	7.21E-02	0.00E+00	0.00E+00	4.16E-02	2.39E-08	5.42E-04	5.71E-03	0.00E+00	0.00E+00	1.02E-12	2.36E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.10E-03	8.87E-01	0.00E+00	8.90E-11	1.28E-08	1.50E-03	1.46E-06	1.11E-03	0.00E+00	8.87E-01	2.52E-09	8.87E-01	8.76E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
MY740P	2.65E-03	7.55E-02	0.00E+00	7.55E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.04E-12	2.48E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-06	2.15E-03	9.17E-01	0.00E+00	9.05E-11	1.35E-08	1.57E-03	1.49E-06	1.14E-03	0.00E+00	9.17E-01	2.61E-09	9.17E-01	9.00E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
MYN106	1.16E-04	1.83E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	1.20E-02	6.86E-09	5.44E-05	5.97E-04	0.00E+00	0.00E+00	3.22E-13	6.22E-12	4.46E-05	0.00E+00	0.00E+00	0.00E+00	1.62E-06	6.42E-04	2.55E-01	0.00E+00	2.81E-11	9.42E-10	1.50E-04	4.57E-07	3.41E-04	0.00E+00	2.55E-01	7.20E-10	2.55E-01	2.56E-01	3.41E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-05
MYN110	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.49E-09	5.15E-05	5.65E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.07E-04	2.42E-01	0.00E+00	2.65E-11	8.91E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.83E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
MYN116	1.10E-04	1.74E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.14E-02	6.52E-09	5.16E-05	5.66E-04	0.00E+00	0.00E+00	3.05E-13	5.90E-12	4.23E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-06	6.10E-04	2.42E-01	0.00E+00	2.66E-11	8.95E-10	1.43E-04	4.35E-07	3.24E-04	0.00E+00	2.42E-01	6.84E-10	2.42E-01	2.43E-01	3.24E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05
MYN120	1.13E-04	1.79E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.17E-02	6.72E-09	5.31E-05	5.83E-04	0.00E+00	0.00E+00	3.15E-13	6.08E-12	4.36E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-06	6.28E-04	2.49E-01	0.00E+00	2.74E-11	9.22E-10	1.47E-04	4.48E-07	3.33E-04	0.00E+00	2.49E-01	7.04E-10	2.49E-01	2.50E-01	3.33E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05
MYN125	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.35E-09	5.84E-05	6.40E-04	0.00E+00	0.00E+00	3.44E-13	6.68E-12	4.77E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.87E-04	2.74E-01	0.00E+00	3.00E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.74E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.47E-05
MYN132	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.22E-09	6.56E-05	7.20E-04	0.00E+00	0.00E+00	3.85E-13	7.52E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.47E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
MYN140	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.91E-13	7.55E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.10E-01	8.74E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
MYN150	1.61E-04	2.77E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.79E-02	1.03E-08	7.86E-05	8.63E-04	0.00E+00	0.00E+00	4.79E-13	9.49E-12	6.64E-05	0.00E+00	0.00E+00	0.00E+00	2.42E-06	9.62E-04	3.83E-01	0.00E+00	4.18E-11	1.35E-09	2.23E-04	6.82E-07	5.10E-04	0.00E+00	3.83E-01	1.08E-09	3.83E-01	3.81E-01	5.10E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04
MYN163	1.45E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.50E-02	8.57E-09	6.80E-05	7.46E-04	0.00E+00	0.00E+00	4.01E-13	7.78E-12	5.56E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-06	8.02E-04	3.19E-01	0.00E+00	3.50E-11	1.18E-09	1.88E-04	5.71E-07	4.25E-04	0.00E+00	3.19E-01	9.00E-10	3.19E-01	3.19E-01	4.25E-04	0.00E+00	0.00E+00	0.00E+00	8.68E-05
MYN206	2.16E-04	3.44E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	6.01E-13	1.16E-11	8.33E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	1.20E-03	4.77E-01	0.00E+00	5.24E-11	1.76E-09	2.81E-04	8.55E-07	6.36E-04	0.00E+00	4.77E-01	1.35E-09	4.77E-01	4.80E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MYN210	2.08E-04	3.28E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	2.15E-02	1.23E-08	9.75E-05	1.07E-03	0.00E+00	0.00E+00	5.77E-13	1.12E-11	8.00E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-06	1.15E-03	4.58E-01	0.00E+00	5.04E-11	1.69E-09	2.70E-04	8.21E-07	6.12E-04	0.00E+00	4.58E-01	1.29E-09	4.58E-01	4.59E-01	6.12E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04
MYN216	2.15E-04	3.39E-02	0.00E+00	3.39E-02	0.00E+00	0.00E+00	2.23E-02	1.27E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	5.97E-13	1.16E-11	8.28E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-06	1.19E-03	4.74E-01	0.00E+00	5.21E-11	1.75E-09	2.79E-04	8.50E-07	6.33E-04	0.00E+00	4.74E-01	1.34E-09	4.74E-01	4.75E-01	6.33E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
MYN220	2.19E-04	3.46E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.27E-02	1.30E-08	1.03E-04	1.13E-03	0.00E+00	0.00E+00	6.09E-13	1.18E-11	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.22E-03	4.83E-01	0.00E+00	5.31E-11	1.78E-09	2.85E-04	8.66E-07	6.45E-04	0.00E+00	4.83E-01	1.36E-09	4.83E-01	4.84E-01	6.45E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04
MYN225	2.53E-04	3.99E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.36E-11	9.72E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.57E-01	0.00E+00	6.12E-11	2.06E-09	3.28E-04	9.98E-07	7.43E-04	0.00E+00	5.57E-01	1.57E-09	5.57E-01	5.57E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
MYN232	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MYN240	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MYN250	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.08E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.05E-11	2.37E-09	3.77E-04	1.15E-06	8.56E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.56E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
MYN263	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.45E-01	0.00E+00	7.09E-11	2.38E-09	3.79E-04	1.16E-06	8.61E-04	0.00E+00	6.45E-01	1.82E-09	6.45E-01	6.46E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
MYN306	3.45E-04	5.44E-02	0.00E+00	5.44E-02	0.00E+00	0.00E+00	3.57E-02	2.04E-08	1.62E-04	1.78E-03	0.00E+00	0.00E+00	9.58E-13	1.85E-11	1.33E-04	0.00E+00	0.00E+00	0.00E+00	4.82E-06	1.91E-03	7.61E-01	0.00E+00	8.35E-11	2.81E-09	4.48E-04	1.36E-06	1.01E-03	0.00E+00	7.61E-01	2.15E-09	7.61E-01	7.61E-01	1.01E-03	0.00E+00	0.00E+00	0.00E+00	2.07E-04
MYN310	3.53E-04	5.57E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	3.65E-02	2.09E-08	1.66E-04	1.82E-03	0.00E+00	0.00E+00	9.80E-13	1.90E-11	1.36E-04	0.00E+00	0.00E+00	0.00E+00	4.93E-06	1.96E-03	7.79E-01	0.00E+00	8.55E-11	2.87E-09	4.58E-04	1.39E-06	1.04E-03	0.00E+00	7.79E-01	2.20E-09	7.79E-01	7.79E-01	1.04E-03	0.00E+00	0.00E+00	0.00E+00	2.12E-04
MYN316	3.58E-04	5.64E-02	0.00E+00	5.64E-02	0.00E+00	0.00E+00	3.70E-02	2.12E-08	1.68E-04	1.84E-03	0.00E+00	0.00E+00	9.93E-13	1.93E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.00E-06	1.98E-03	7.89E-01	0.00E+00	8.66E-11	2.91E-09	4.65E-04	1.41E-06	1.05E-03	0.00E+00	7.89E-01	2.23E-09	7.89E-01	7.89E-01	1.05E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
MYN320	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.05E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
MYN325	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	9.71E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.72E-01	0.00E+00	8.47E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.72E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
MYN332	4.21E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.23E-01	0.00E+00	1.02E-10	3.42E-09	5.43E-04	1.66E-06	1.24E-03	0.00E+00	9.23E-01	2.60E-09	9.23E-01	9.27E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
MYN340	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
MYN350	4.44E-04	7.01E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	4.60E-02	2.63E-08	2.09E-04	2.29E-03	0.00E+00	0.00E+00	1.23E-12	2.39E-11	1.71E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-06	2.46E-03	9.80E-01	0.00E+00	1.08E-10	3.61E-09	5.77E-04	1.75E-06	1.31E-03	0.00E+00	9.80E-01	2.76E-09	9.80E-01	9.80E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.67E-04
MYN363	4.30E-04	6.78E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.45E-02	2.55E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.19E-12	2.31E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.38E-03	9.50E-01	0.00E+00	1.04E-10	3.50E-09	5.60E-04	1.70E-06	1.26E-03	0.00E+00	9.50E-01	2.68E-09	9.50E-01	9.48E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MYN406	4.83E-04	7.61E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	4.99E-02	2.86E-08	2.26E-04	2.48E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-06	2.67E-03	1.06E+00	0.00E+00	1.17E-10	3.92E-09	6.26E-04	1.90E-06	1.42E-03	0.00E+00	1.06E+00	3.00E-09	1.06E+00	1.06E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.89E-04
MYN410	4.47E-04	7.04E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	4.62E-02	2.65E-08	2.09E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.48E-03	9.84E-01	0.00E+00	1.08E-10	3.63E-09	5.79E-04	1.76E-06	1.31E-03	0.00E+00	9.84E-01	2.78E-09	9.84E-01	9.85E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MYN416	4.32E-04	6.82E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.03E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.40E-03	9.52E-01	0.00E+00	1.05E-10	3.51E-09	5.61E-04	1.71E-06	1.27E-03	0.00E+00	9.52E-01	2.69E-09	9.52E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
MYN420	4.91E-04	7.75E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	5.08E-02	2.91E-08	2.30E-04	2.53E-03	0.00E+00	0.00E+00	1.36E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.86E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	4.00E-09	6.37E-04	1.94E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MYN425	5.01E-04	7.90E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.19E-02	2.97E-08	2.35E-04	2.58E-03	0.00E+00	0.00E+00	1.39E-12	2.69E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.00E-06	2.78E-03	1.10E+00	0.00E+00	1.21E-10	4.08E-09	6.50E-04	1.98E-06	1.47E-03	0.00E+00	1.10E+00	3.12E-09	1.10E+00	1.11E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
MYN432	5.40E-04	8.52E-02	0.00E+00	8.52E-02	0.00E+00	0.00E+00	5.59E-02	3.20E-08	2.53E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.90E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.54E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.39E-09	7.01E-04	2.13E-06	1.59E-03	0.00E+00	1.19E+00	3.36E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
MYN440	5.45E-04	8.59E-02	0.00E+00	8.59E-02	0.00E+00	0.00E+00	5.64E-02	3.23E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-06	3.02E-03	1.20E+00	0.00E+00	1.32E-10	4.43E-09	7.07E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.39E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MYN450	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MYN463	5.73E-04	9.03E-02	0.00E+00	9.03E-02	0.00E+00	0.00E+00	5.92E-02	3.39E-08	2.68E-04	2.95E-03	0.00E+00	0.00E+00	1.59E-12	3.07E-11	2.20E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.17E-03	1.26E+00	0.00E+00	1.39E-10	4.66E-09	7.43E-04	2.26E-06	1.68E-03	0.00E+00	1.26E+00	3.56E-09	1.26E+00	1.26E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	3.43E-04
MYN506	2.16E-04	3.44E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	6.01E-13	1.16E-11	8.33E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	1.20E-03	4.77E-01	0.00E+00	5.24E-11	1.76E-09	2.81E-04	8.55E-07	6.36E-04	0.00E+00	4.77E-01	1.35E-09	4.77E-01	4.80E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MYN510	2.16E-04	3.40E-02	0.00E+00	3.40E-02	0.00E+00	0.00E+00	2.23E-02	1.28E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	5.99E-13	1.16E-11	8.30E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-06	1.20E-03	4.75E-01	0.00E+00	5.22E-11	1.75E-09	2.80E-04	8.52E-07	6.34E-04	0.00E+00	4.75E-01	1.34E-09	4.75E-01	4.76E-01	6.34E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-04
MYN516	2.17E-04	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	2.24E-02	1.28E-08	1.02E-04	1.11E-03	0.00E+00	0.00E+00	6.01E-13	1.16E-11	8.33E-05	0.00E+00	0.00E+00	0.00E+00	3.03E-06	1.20E-03	4.77E-01	0.00E+00	5.25E-11	1.76E-09	2.81E-04	8.55E-07	6.37E-04	0.00E+00	4.77E-01	1.35E-09	4.77E-01	4.78E-01	6.37E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MYN520	2.16E-04	3.41E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	2.24E-02	1.28E-08	1.01E-04	1.11E-03	0.00E+00	0.00E+00	6.00E-13	1.16E-11	8.32E-05	0.00E+00	0.00E+00	0.00E+00	3.02E-06	1.20E-03	4.76E-01	0.00E+00	5.24E-11	1.76E-09	2.81E-04	8.54E-07	6.36E-04	0.00E+00	4.76E-01	1.34E-09	4.76E-01	4.77E-01	6.36E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04
MYN525	2.52E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.61E-02	1.49E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	6.99E-13	1.35E-11	9.69E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.55E-01	0.00E+00	6.10E-11	2.05E-09	3.27E-04	9.95E-07	7.41E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.56E-01	7.41E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
MYN532	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
MYN540	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.39E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.96E-01	0.00E+00	6.55E-11	2.20E-09	3.51E-04	1.07E-06	7.96E-04	0.00E+00	5.96E-01	1.68E-09	5.96E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.62E-04
NAN120S	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	8.92E-05
NB106A	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.28E-09	5.78E-05	6.34E-04	0.00E+00	0.00E+00	3.41E-13	6.62E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.81E-04	2.72E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.85E-07	3.61E-04	0.00E+00	2.72E-01	7.67E-10	2.72E-01	2.71E-01	3.61E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-05
NB110A	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.25E-09	5.75E-05	6.31E-04	0.00E+00	0.00E+00	3.40E-13	6.59E-12	4.71E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.79E-04	2.70E-01	0.00E+00	2.96E-11	9.96E-10	1.59E-04	4.83E-07	3.60E-04	0.00E+00	2.70E-01	7.63E-10	2.70E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.36E-05
NB113A	1.23E-04	1.94E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.27E-02	7.28E-09	5.78E-05	6.34E-04	0.00E+00	0.00E+00	3.41E-13	6.62E-12	4.73E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.81E-04	2.72E-01	0.00E+00	2.98E-11	1.00E-09	1.60E-04	4.85E-07	3.61E-04	0.00E+00	2.72E-01	7.67E-10	2.72E-01	2.71E-01	3.61E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-05
NB116A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.61E-09	5.95E-05	6.52E-04	0.00E+00	0.00E+00	3.57E-13	6.82E-12	4.94E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.12E-04	2.80E-01	0.00E+00	3.11E-11	1.05E-09	1.65E-04	5.07E-07	3.78E-04	0.00E+00	2.80E-01	7.90E-10	2.80E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
NB120A	1.26E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.45E-09	5.90E-05	6.47E-04	0.00E+00	0.00E+00	3.49E-13	6.76E-12	4.84E-05	0.00E+00	0.00E+00	0.00E+00	1.76E-06	6.98E-04	2.77E-01	0.00E+00	3.05E-11	1.02E-09	1.63E-04	4.97E-07	3.70E-04	0.00E+00	2.77E-01	7.83E-10	2.77E-01	2.78E-01	3.70E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05
NB125A	1.30E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.67E-09	6.02E-05	6.61E-04	0.00E+00	0.00E+00	3.59E-13	6.90E-12	4.98E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.18E-04	2.83E-01	0.00E+00	3.14E-11	1.05E-09	1.67E-04	5.11E-07	3.81E-04	0.00E+00	2.83E-01	7.99E-10	2.83E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	7.70E-05
NB132A	1.35E-04	2.12E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.39E-02	7.98E-09	6.36E-05	6.98E-04	0.00E+00	0.00E+00	3.74E-13	7.26E-12	5.18E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-06	7.46E-04	2.97E-01	0.00E+00	3.26E-11	1.10E-09	1.76E-04	5.32E-07	3.96E-04	0.00E+00	2.97E-01	8.39E-10	2.97E-01	2.97E-01	3.96E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-05
NB140A	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.91E-13	7.54E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.80E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.10E-01	8.73E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
NB150A	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	8.92E-05
NB163A	1.47E-04	2.32E-02	0.00E+00	2.32E-02	0.00E+00	0.00E+00	1.52E-02	8.71E-09	6.87E-05	7.54E-04	0.00E+00	0.00E+00	4.08E-13	7.87E-12	5.65E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.15E-04	3.23E-01	0.00E+00	3.56E-11	1.20E-09	1.90E-04	5.80E-07	4.32E-04	0.00E+00	3.23E-01	9.12E-10	3.23E-01	3.24E-01	4.32E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-05
NB206A	2.47E-04	3.90E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	2.56E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.87E-13	1.33E-11	9.52E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	1.37E-03	5.45E-01	0.00E+00	5.99E-11	2.01E-09	3.22E-04	9.77E-07	7.27E-04	0.00E+00	5.45E-01	1.54E-09	5.45E-01	5.46E-01	7.27E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
NB210A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
NB213A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.35E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.56E-01	0.00E+00	6.11E-11	2.05E-09	3.27E-04	9.97E-07	7.42E-04	0.00E+00	5.56E-01	1.57E-09	5.56E-01	5.57E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
NB216A	2.52E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.60E-02	1.49E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	6.99E-13	1.35E-11	9.68E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.55E-01	0.00E+00	6.10E-11	2.05E-09	3.27E-04	9.94E-07	7.40E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.55E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
NB220A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.61E-02	1.50E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.01E-13	1.36E-11	9.72E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.57E-01	0.00E+00	6.11E-11	2.05E-09	3.28E-04	9.97E-07	7.43E-04	0.00E+00	5.57E-01	1.57E-09	5.57E-01	5.57E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
NB225A	2.51E-04	3.95E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	2.61E-02	1.49E-08	1.17E-04	1.29E-03	0.00E+00	0.00E+00	7.03E-13	1.34E-11	9.74E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.55E-01	0.00E+00	6.13E-11	2.04E-09	3.25E-04	9.99E-07	7.43E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.56E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
NB240A	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.99E-02	1.71E-08	1.35E-04	1.49E-03	0.00E+00	0.00E+00	8.07E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.37E-01	0.00E+00	7.04E-11	2.35E-09	3.75E-04	1.15E-06	8.51E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
NB250A	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.45E-01	0.00E+00	7.09E-11	2.38E-09	3.79E-04	1.16E-06	8.61E-04	0.00E+00	6.45E-01	1.82E-09	6.45E-01	6.46E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
NB263A	2.91E-04	4.58E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	3.00E-02	1.72E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.05E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.05E-06	1.61E-03	6.39E-01	0.00E+00	7.02E-11	2.36E-09	3.77E-04	1.15E-06	8.53E-04	0.00E+00	6.39E-01	1.80E-09	6.39E-01	6.40E-01	8.53E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
NB306A	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	9.71E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.72E-01	0.00E+00	8.47E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.72E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04

NB310A	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	9.71E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.72E-01	0.00E+00	8.47E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.72E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
NB313A	3.71E-04	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.19E-01	0.00E+00	9.00E-11	3.01E-09	4.80E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
NB316A	3.51E-04	5.54E-02	0.00E+00	5.54E-02	0.00E+00	0.00E+00	3.63E-02	2.08E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.75E-13	1.89E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.90E-06	1.95E-03	7.75E-01	0.00E+00	8.50E-11	2.86E-09	4.56E-04	1.39E-06	1.03E-03	0.00E+00	7.75E-01	2.19E-09	7.75E-01	7.75E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.11E-04
NB325A	3.83E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.43E-01	0.00E+00	9.26E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.43E-01	2.38E-09	8.43E-01	8.44E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
NB332A	4.39E-04	6.64E-02	0.00E+00	6.64E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.24E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.33E-03	9.20E-01	0.00E+00	1.02E-10	3.42E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.20E-01	2.60E-09	9.20E-01	9.28E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
NB340A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
NB350A	4.30E-04	6.78E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	4.45E-02	2.55E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.19E-12	2.31E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.00E-06	2.38E-03	9.50E-01	0.00E+00	1.04E-10	3.50E-09	5.60E-04	1.70E-06	1.26E-03	0.00E+00	9.50E-01	2.68E-09	9.50E-01	9.48E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
NB363A	4.38E-04	6.91E-02	0.00E+00	6.91E-02	0.00E+00	0.00E+00	4.53E-02	2.59E-08	2.04E-04	2.24E-03	0.00E+00	0.00E+00	1.22E-12	2.34E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.12E-06	2.43E-03	9.61E-01	0.00E+00	1.06E-10	3.56E-09	5.65E-04	1.73E-06	1.29E-03	0.00E+00	9.61E-01	2.71E-09	9.61E-01	9.66E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
NB413A	5.02E-04	7.97E-02	0.00E+00	7.97E-02	0.00E+00	0.00E+00	5.20E-02	2.98E-08	2.36E-04	2.58E-03	0.00E+00	0.00E+00	1.39E-12	2.71E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-06	2.80E-03	1.11E+00	0.00E+00	1.22E-10	4.09E-09	6.52E-04	1.98E-06	1.48E-03	0.00E+00	1.11E+00	3.13E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
NBN020	1.34E-04	2.11E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.38E-02	7.91E-09	6.26E-05	6.87E-04	0.00E+00	0.00E+00	3.70E-13	7.16E-12	5.13E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-06	7.39E-04	2.94E-01	0.00E+00	3.23E-11	1.09E-09	1.73E-04	5.26E-07	3.92E-04	0.00E+00	2.94E-01	8.29E-10	2.94E-01	2.95E-01	3.92E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-05
NBN106	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NBN106A	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NBN106N	1.04E-03	2.97E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.72E-02	9.94E-09	2.46E-04	2.69E-03	0.00E+00	0.00E+00	4.26E-13	9.73E-12	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.60E-04	3.65E-01	0.00E+00	3.74E-11	5.47E-09	6.95E-04	6.03E-07	4.51E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.65E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
NBN110	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NBN110A	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NBN110N	1.04E-03	2.97E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.71E-02	9.95E-09	2.45E-04	2.69E-03	0.00E+00	0.00E+00	4.25E-13	9.71E-12	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.58E-04	3.65E-01	0.00E+00	3.74E-11	5.47E-09	6.92E-04	6.03E-07	4.50E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.65E-01	4.50E-04	0.00E+00	0.00E+00	0.00E+00	9.36E-05
NBN116A	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
NBN116N	1.04E-03	2.97E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.72E-02	9.95E-09	2.45E-04	2.69E-03	0.00E+00	0.00E+00	4.26E-13	9.72E-12	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.17E-06	8.60E-04	3.65E-01	0.00E+00	3.74E-11	5.47E-09	6.92E-04	6.04E-07	4.52E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.65E-01	4.52E-04	0.00E+00	0.00E+00	0.00E+00	9.35E-05
NBN120A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
NBN120N	1.04E-03	2.97E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.72E-02	9.94E-09	2.46E-04	2.69E-03	0.00E+00	0.00E+00	4.26E-13	9.73E-12	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.60E-04	3.65E-01	0.00E+00	3.74E-11	5.47E-09	6.95E-04	6.03E-07	4.51E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.65E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
NBN125N	1.05E-03	2.95E-02	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.70E-02	9.79E-09	2.47E-04	2.72E-03	0.00E+00	0.00E+00	4.18E-13	9.64E-12	5.85E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	8.51E-04	3.62E-01	0.00E+00	3.67E-11	5.54E-09	6.99E-04	5.94E-07	4.46E-04	0.00E+00	3.62E-01	1.02E-09	3.62E-01	3.63E-01	4.46E-04	0.00E+00	0.00E+00	0.00E+00	9.16E-05
NBN132A	1.35E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.40E-02	8.02E-09	6.34E-05	6.96E-04	0.00E+00	0.00E+00	3.76E-13	7.27E-12	5.21E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.50E-04	2.98E-01	0.00E+00	3.28E-11	1.10E-09	1.76E-04	5.34E-07	3.98E-04	0.00E+00	2.98E-01	8.41E-10	2.98E-01	2.99E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
NBN132N	1.24E-03	3.48E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.08E-02	1.20E-08	2.88E-04	3.17E-03	0.00E+00	0.00E+00	5.20E-13	1.15E-11	7.21E-05	0.00E+00	0.00E+00	0.00E+00	2.66E-06	1.06E-03	4.40E-01	0.00E+00	4.55E-11	6.47E-09	8.11E-04	7.40E-07	5.62E-04	0.00E+00	4.40E-01	1.24E-09	4.40E-01	4.40E-01	5.62E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04
NBN140	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.38E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.93E-13	7.56E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.84E-04	3.10E-01	0.00E+00	3.43E-11	1.15E-09	1.82E-04	5.59E-07	4.16E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
NBN140N	1.23E-03	2.94E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.68E-02	9.74E-09	2.70E-04	2.98E-03	0.00E+00	0.00E+00	4.09E-13	9.69E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.34E-04	3.58E-01	0.00E+00	3.62E-11	6.29E-09	7.67E-04	5.81E-07	4.39E-04	0.00E+00	3.58E-01	1.02E-09	3.58E-01	3.59E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	9.03E-05
NBN150	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.34E-09	6.58E-05	7.21E-04	0.00E+00	0.00E+00	3.91E-13	7.54E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.80E-04	3.09E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
NBN150A	1.41E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.32E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.90E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.79E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-05
NBN150N	1.23E-03	2.94E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.68E-02	9.74E-09	2.70E-04	2.98E-03	0.00E+00	0.00E+00	4.09E-13	9.69E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.34E-04	3.58E-01	0.00E+00	3.62E-11	6.29E-09	7.67E-04	5.81E-07	4.39E-04	0.00E+00	3.58E-01	1.02E-09	3.58E-01	3.59E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	9.03E-05
NBN163	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.14E-09	6.55E-05	7.18E-04	0.00E+00	0.00E+00	3.81E-13	7.49E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.62E-04	3.07E-01	0.00E+00	3.33E-11	1.12E-09	1.81E-04	5.43E-07	4.04E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
NBN163A	1.41E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.32E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.90E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.79E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-05
NBN163N	1.23E-03	2.94E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.68E-02	9.74E-09	2.70E-04	2.98E-03	0.00E+00	0.00E+00	4.09E-13	9.69E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.34E-04	3.58E-01	0.00E+00	3.62E-11	6.29E-09	7.67E-04	5.81E-07	4.39E-04	0.00E+00	3.58E-01	1.02E-09	3.58E-01	3.59E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	9.03E-05
NBN206N	1.73E-03	5.43E-02	0.00E+00	5.43E-02	0.00E+00	0.00E+00	3.28E-02	1.83E-08	3.16E-04	3.46E-03	0.00E+00	0.00E+00	7.80E-13	1.93E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-06	1.62E-03	6.96E-01	0.00E+00	7.14E-11	8.53E-09	9.07E-04	1.16E-06	8.43E-04	0.00E+00	6.96E-01	2.02E-09	6.96E-01	6.82E-01	8.43E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
NBN210A	2.60E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NBN210N	1.71E-03	4.81E-02	0.00E+00	4.81E-02	0.00E+00	0.00E+00	3.00E-02	1.69E-08	3.10E-04	3.38E-03	0.00E+00	0.00E+00	7.41E-13	1.70E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.51E-03	6.33E-01	0.00E+00	6.76E-11	8.38E-09	8.87E-04	1.09E-06	7.97E-04	0.00E+00	6.33E-01	1.82E-09	6.33E-01	6.31E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
NBN216A	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.59E-01	0.00E+00	6.15E-11	2.06E-09	3.28E-04	1.00E-06	7.47E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
NBN220N	1.73E-03	5.43E-02	0.00E+00	5.43E-02	0.00E+00	0.00E+00	3.28E-02	1.83E-08	3.16E-04	3.46E-03	0.00E+00	0.00E+00	7.80E-13	1.93E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-06	1.62E-03	6.96E-01	0.00E+00	7.14E-11	8.53E-09	9.07E-04	1.16E-06	8.43E-04	0.00E+00	6.96E-01	2.02E-09	6.96E-01	6.82E-01	8.43E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
NBN232A	2.72E-04	4.28E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.81E-02	1.61E-08	1.28E-04	1.41E-03	0.00E+00	0.00E+00	7.53E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.50E-03	6.00E-01	0.00E+00	6.57E-11	2.21E-09	3.54E-04	1.07E-06	7.98E-04	0.00E+00	6.00E-01	1.69E-09	6.00E-01	5.99E-01	7.98E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NBN240N	2.23E-03	5.84E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.57E-02	2.02E-08	3.46E-04	3.78E-03	0.00E+00	0.00E+00	8.76E-13	2.07E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.63E-06	1.85E-03	7.54E-01	0.00E+00	7.80E-11	1.02E-08	9.84E-04	1.27E-06	9.58E-04	0.00E+00	7.54E-01	2.17E-09	7.54E-01	7.43E-01	9.58E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
NBN250N	2.23E-03	5.84E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.57E-02	2.02E-08	3.46E-04	3.78E-03	0.00E+00	0.00E+00	8.76E-13	2.07E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.63E-06	1.85E-03	7.54E-01	0.00E+00	7.80E-11	1.02E-08	9.84E-04	1.27E-06	9.58E-04	0.00E+00	7.54E-01	2.17E-09	7.54E-01	7.43E-01	9.58E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
NBN263N	2.23E-03	5.84E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.57E-02	2.02E-08	3.46E-04	3.78E-03	0.00E+00	0.00E+00	8.76E-13	2.07E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.63E-06	1.85E-03	7.54E-01	0.00E+00	7.80E-11	1.02E-08	9.84E-04	1.27E-06	9.58E-04	0.00E+00	7.54E-01	2.17E-09	7.54E-01	7.43E-01	9.58E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
NBN306N	3.26E-03	7.79E-02	0.00E+00	7.79E-02	0.00E+00	0.00E+00	4.62E-02	2.66E-08	5.39E-04	5.74E-03	0.00E+00	0.00E+00	1.15E-12	2.54E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.99E-06	2.41E-03	9.80E-01	0.00E+00	1.03E-10	1.32E-08	1.50E-03	1.64E-06	1.26E-03	0.00E+00	9.80E-01	2.79E-09	9.80E-01	9.91E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
NBN310N	3.29E-03	7.82E-02	0.00E+00	7.82E-02	0.00E+00	0.00E+00	4.67E-02	2.69E-08	5.45E-04	5.81E-03	0.00E+00	0.00E+00	1.16E-12	2.55E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.43E-03	9.92E-01	0.00E+00	1.04E-10	1.33E-08	1.52E-03	1.66E-06	1.27E-03	0.00E+00	9.92E-01	2.82E-09	9.92E-01	1.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
NBN316	3.73E-04	5.88E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.85E-02	2.21E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.07E-03	8.21E-01	0.00E+00	9.02E-11	3.03E-09	4.83E-04	1.47E-06	1.10E-03	0.00E+00	8.21E-01	2.32E-09	8.21E-01	8.22E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
NBN316A	3.97E-04	5.88E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.85E-02	2.21E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.07E-03	8.21E-01	0.00E+00	9.02E-11	3.03E-09	4.83E-04	1.47E-06	1.10E-03	0.00E+00	8.21E-01	2.32E-09	8.21E-01	8.22E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
NBN316N	3.29E-03	7.82E-02	0.00E+00	7.82E-02	0.00E+00	0.00E+00	4.67E-02	2.69E-08	5.45E-04	5.81E-03	0.00E+00	0.00E+00	1.16E-12	2.55E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.05E-06	2.43E-03	9.92E-01	0.00E+00	1.04E-10	1.33E-08	1.52E-03	1.66E-06	1.27E-03	0.00E+00	9.92E-01	2.82E-09	9.92E-01	1.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
NBN320A	3.86E-04	6.09E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.99E-02	2.29E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.50E-01	0.00E+00	9.34E-11	3.14E-09	5.01E-04	1.52E-06	1.13E-03	0.00E+00	8.50E-01	2.40E-09	8.50E-01	8.51E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NBN320N	3.29E-03	7.81E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	4.66E-02	2.68E-08	5.45E-04	5.82E-03	0.00E+00	0.00E+00	1.16E-12	2.53E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-06	2.42E-03	9.87E-01	0.00E+00	1.04E-10	1.33E-08	1.52E-03	1.66E-06	1.27E-03	0.00E+00	9.87E-01	2.82E-09	9.87E-01	1.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
NBN325N	3.30E-03	8.96E-02	0.00E+00	8.96E-02	0.00E+00	0.00E+00	4.90E-02	2.86E-08	5.64E-04	5.94E-03	0.00E+00	0.00E+00	1.15E-12	2.85E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.99E-06	2.42E-03	1.04E+00	0.00E+00	1.01E-10	1.36E-08	1.55E-03	1.64E-06	1.28E-03	0.00E+00	1.04E+00	2.95E-09	1.04E+00	1.06E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
NBN332A	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.11E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NBN332N	3.67E-03	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	4.99E-02	2.90E-08	6.53E-04	6.93E-03	0.00E+00	0.00E+00	1.18E-12	2.87E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.11E-06	2.46E-03	1.05E+00	0.00E+00	1.04E-10	1.58E-08	1.79E-03	1.69E-06	1.30E-03	0.00E+00	1.05E+00	2.99E-09	1.05E+00	1.06E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
NBN340N	3.67E-03	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	4.99E-02	2.90E-08	6.53E-04	6.93E-03	0.00E+00	0.00E+00	1.18E-12	2.87E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.11E-06	2.46E-03	1.05E+00	0.00E+00	1.04E-10	1.58E-08	1.79E-03	1.69E-06	1.30E-03	0.00E+00	1.05E+00	2.99E-09	1.05E+00	1.06E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
NBN350N	3.67E-03	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	4.99E-02	2.90E-08	6.53E-04	6.93E-03	0.00E+00	0.00E+00	1.18E-12	2.87E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.11E-06	2.46E-03	1.05E+00	0.00E+00	1.04E-10	1.58E-08	1.79E-03	1.69E-06	1.30E-03	0.00E+00	1.05E+00	2.99E-09	1.05E+00	1.06E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
NBN363A	4.25E-04	6.70E-02	0.00E+00	6.70E-02	0.00E+00	0.00E+00	4.39E-02	2.52E-08	1.99E-04	2.18E-03	0.00E+00	0.00E+00	1.18E-12	2.28E-11	1.63E-04	0.00E+00	0.00E+00	0.00E+00	5.93E-06	2.35E-03	9.35E-01	0.00E+00	1.03E-10	3.45E-09	5.51E-04	1.68E-06	1.25E-03	0.00E+00	9.35E-01	2.64E-09	9.35E-01	9.37E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
NBN363N	3.67E-03	8.97E-02	0.00E+00	8.97E-02	0.00E+00	0.00E+00	4.99E-02	2.90E-08	6.53E-04	6.93E-03	0.00E+00	0.00E+00	1.18E-12	2.87E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	6.11E-06	2.46E-03	1.05E+00	0.00E+00	1.04E-10	1.58E-08	1.79E-03	1.69E-06	1.30E-03	0.00E+00	1.05E+00	2.99E-09	1.05E+00	1.06E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
NBN410	4.86E-04	8.14E-02	0.00E+00	8.14E-02	0.00E+00	0.00E+00	5.16E-02	3.02E-08	2.46E-04	2.79E-03	0.00E+00	0.00E+00	1.52E-12	2.78E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.96E-03	1.14E+00	0.00E+00	1.31E-10	4.56E-09	6.81E-04	2.03E-06	1.58E-03	0.00E+00	1.14E+00	3.24E-09	1.14E+00	1.13E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
NBN416A	5.03E-04	8.04E-02	0.00E+00	8.04E-02	0.00E+00	0.00E+00	5.21E-02	2.99E-08	2.36E-04	2.68E-03	0.00E+00	0.00E+00	1.43E-12	2.73E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-06	2.82E-03	1.11E+00	0.00E+00	1.24E-10	4.09E-09	6.76E-04	2.00E-06	1.50E-03	0.00E+00	1.11E+00	3.13E-09	1.11E+00	1.11E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
NBN416N	4.06E-03	1.09E-01	0.00E+00	1.09E-01	0.00E+00	0.00E+00	6.61E-02	3.76E-08	8.82E-04	9.51E-03	0.00E+00	0.00E+00	1.55E-12	3.61E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-06	3.25E-03	1.38E+00	0.00E+00	1.38E-10	1.98E-08	2.45E-03	2.27E-06	1.70E-03	0.00E+00	1.38E+00	3.98E-09	1.38E+00	1.38E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
NBN425N	4.19E-03	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.39E-02	4.16E-08	9.78E-04	1.05E-02	0.00E+00	0.00E+00	1.71E-12	3.96E-11	2.42E-04	0.00E+00	0.00E+00	0.00E+00	9.15E-06	3.59E-03	1.51E+00	0.00E+00	1.52E-10	2.16E-08	2.72E-03	2.58E-06	1.89E-03	0.00E+00	1.51E+00	4.29E-09	1.51E+00	1.51E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	3.79E-04
NBN432N	4.19E-03	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.38E-02	4.16E-08	9.79E-04	1.05E-02	0.00E+00	0.00E+00	1.71E-12	3.94E-11	2.43E-04	0.00E+00	0.00E+00	0.00E+00	9.14E-06	3.58E-03	1.52E+00	0.00E+00	1.52E-10	2.16E-08	2.72E-03	2.58E-06	1.89E-03	0.00E+00	1.52E+00	4.29E-09	1.52E+00	1.51E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	3.80E-04
NBN516	2.48E-04	3.92E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.89E-13	1.33E-11	9.55E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	1.38E-03	5.47E-01	0.00E+00	6.01E-11	2.02E-09	3.22E-04	9.81E-07	7.30E-04	0.00E+00	5.47E-01	1.54E-09	5.47E-01	5.48E-01	7.30E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
NBN520	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.63E-02	1.51E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.26E-13	1.37E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.43E-03	5.61E-01	0.00E+00	6.31E-11	2.05E-09	3.28E-04	1.02E-06	7.62E-04	0.00E+00	5.61E-01	1.58E-09	5.61E-01	5.62E-01	7.62E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
NBN606	4.90E-04	7.73E-02	0.00E+00	7.73E-02	0.00E+00	0.00E+00	5.07E-02	2.90E-08	2.30E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	3.99E-09	6.36E-04	1.93E-06	1.44E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
NBN610	4.98E-04	7.85E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	5.15E-02	2.95E-08	2.33E-04	2.56E-03	0.00E+00	0.00E+00	1.38E-12	2.67E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.95E-06	2.76E-03	1.10E+00	0.00E+00	1.21E-10	4.05E-09	6.46E-04	1.97E-06	1.46E-03	0.00E+00	1.10E+00	3.10E-09	1.10E+00	1.10E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
NBN616	4.95E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NBN620	5.25E-04	8.27E-02	0.00E+00	8.27E-02	0.00E+00	0.00E+00	5.43E-02	3.11E-08	2.46E-04	2.70E-03	0.00E+00	0.00E+00	1.46E-12	2.82E-11	2.02E-04	0.00E+00	0.00E+00	0.00E+00	7.32E-06	2.91E-03	1.16E+00	0.00E+00	1.27E-10	4.27E-09	6.80E-04	2.07E-06	1.54E-03	0.00E+00	1.16E+00	3.26E-09	1.16E+00	1.16E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04
NBN625	5.16E-04	8.13E-02	0.00E+00	8.13E-02	0.00E+00	0.00E+00	5.33E-02	3.05E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-06	2.86E-03	1.14E+00	0.00E+00	1.25E-10	4.19E-09	6.69E-04	2.04E-06	1.52E-03	0.00E+00	1.14E+00	3.20E-09	1.14E+00	1.14E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
NBN632	5.32E-04	8.39E-02	0.00E+00	8.39E-02	0.00E+00	0.00E+00	5.50E-02	3.15E-08	2.49E-04	2.74E-03	0.00E+00	0.00E+00	1.48E-12	2.86E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-06	2.95E-03	1.17E+00	0.00E+00	1.29E-10	4.33E-09	6.90E-04	2.10E-06	1.56E-03	0.00E+00	1.17E+00	3.31E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
NBN640	5.33E-04	8.40E-02	0.00E+00	8.40E-02	0.00E+00	0.00E+00	5.51E-02	3.15E-08	2.50E-04	2.74E-03	0.00E+00	0.00E+00	1.48E-12	2.86E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-06	2.95E-03	1.17E+00	0.00E+00	1.29E-10	4.33E-09	6.91E-04	2.10E-06	1.57E-03	0.00E+00	1.17E+00	3.31E-09	1.17E+00	1.17E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.19E-04
NBN650	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NC101E	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.91E-13	7.54E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.80E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.10E-01	8.73E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
NC104E	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.14E-09	6.55E-05	7.18E-04	0.00E+00	0.00E+00	3.81E-13	7.49E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.07E-01	0.00E+00	3.33E-11	1.12E-09	1.81E-04	5.42E-07	4.04E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
NC106A	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.71E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.54E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.68E-01	0.00E+00	2.95E-11	9.91E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.68E-01	7.58E-10	2.68E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NC110A	1.24E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.32E-09	5.79E-05	6.35E-04	0.00E+00	0.00E+00	3.43E-13	6.63E-12	4.75E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.85E-04	2.72E-01	0.00E+00	2.99E-11	1.00E-09	1.60E-04	4.88E-07	3.63E-04	0.00E+00	2.72E-01	7.68E-10	2.72E-01	2.73E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.41E-05
NC110E	1.23E-04	1.95E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.28E-02	7.31E-09	5.77E-05	6.33E-04	0.00E+00	0.00E+00	3.42E-13	6.61E-12	4.75E-05	0.00E+00	0.00E+00	0.00E+00	1.72E-06	6.84E-04	2.71E-01	0.00E+00	2.99E-11	1.00E-09	1.60E-04	4.87E-07	3.63E-04	0.00E+00	2.71E-01	7.65E-10	2.71E-01	2.72E-01	3.63E-04	0.00E+00	0.00E+00	0.00E+00	7.38E-05
NC113A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	5.95E-05	6.52E-04	0.00E+00	0.00E+00	3.57E-13	6.82E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.80E-01	0.00E+00	3.11E-11	1.05E-09	1.65E-04	5.08E-07	3.78E-04	0.00E+00	2.80E-01	7.90E-10	2.80E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.61E-05
NC116A	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.73E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.95E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.95E-07	3.68E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NC120A	1.25E-04	1.98E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.48E-13	6.73E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.95E-04	2.76E-01	0.00E+00	3.03E-11	1.02E-09	1.63E-04	4.95E-07	3.68E-04	0.00E+00	2.76E-01	7.79E-10	2.76E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NC125A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.64E-09	6.05E-05	6.64E-04	0.00E+00	0.00E+00	3.58E-13	6.93E-12	4.96E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.15E-04	2.84E-01	0.00E+00	3.12E-11	1.05E-09	1.67E-04	5.09E-07	3.79E-04	0.00E+00	2.84E-01	8.02E-10	2.84E-01	2.85E-01	3.79E-04	0.00E+00	0.00E+00	0.00E+00	7.74E-05
NC132A	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.34E-09	6.58E-05	7.21E-04	0.00E+00	0.00E+00	3.91E-13	7.54E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.80E-04	3.09E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
NC140A	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.91E-13	7.54E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.80E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.10E-01	8.73E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
NC202E	2.71E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.60E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.51E-13	1.45E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	5.97E-01	0.00E+00	6.55E-11	2.20E-09	3.52E-04	1.07E-06	7.96E-04	0.00E+00	5.97E-01	1.68E-09	5.97E-01	5.97E-01	7.96E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04

NC204E	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.99E-02	1.70E-08	1.34E-04	1.48E-03	0.00E+00	0.00E+00	8.02E-13	1.54E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.33E-01	0.00E+00	7.03E-11	2.33E-09	3.72E-04	1.15E-06	8.46E-04	0.00E+00	6.33E-01	1.79E-09	6.33E-01	6.34E-01	8.46E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
NC206A	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NC210A	2.50E-04	3.94E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	2.59E-02	1.48E-08	1.17E-04	1.29E-03	0.00E+00	0.00E+00	6.94E-13	1.34E-11	9.62E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-06	1.39E-03	5.51E-01	0.00E+00	6.05E-11	2.03E-09	3.24E-04	9.87E-07	7.35E-04	0.00E+00	5.51E-01	1.55E-09	5.51E-01	5.52E-01	7.35E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04
NC213A	2.54E-04	4.01E-02	0.00E+00	4.01E-02	0.00E+00	0.00E+00	2.63E-02	1.50E-08	1.19E-04	1.31E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.60E-01	0.00E+00	6.15E-11	2.07E-09	3.29E-04	1.00E-06	7.47E-04	0.00E+00	5.60E-01	1.58E-09	5.60E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
NC216A	2.49E-04	3.93E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.58E-02	1.48E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.92E-13	1.34E-11	9.59E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-06	1.38E-03	5.49E-01	0.00E+00	6.03E-11	2.03E-09	3.23E-04	9.84E-07	7.33E-04	0.00E+00	5.49E-01	1.55E-09	5.49E-01	5.50E-01	7.33E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
NC220A	2.51E-04	3.95E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	2.61E-02	1.49E-08	1.17E-04	1.29E-03	0.00E+00	0.00E+00	7.03E-13	1.34E-11	9.74E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-06	1.40E-03	5.55E-01	0.00E+00	6.13E-11	2.04E-09	3.25E-04	9.99E-07	7.43E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.56E-01	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
NC306A	3.65E-04	5.75E-02	0.00E+00	5.75E-02	0.00E+00	0.00E+00	3.77E-02	2.16E-08	1.71E-04	1.88E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.09E-06	2.02E-03	8.03E-01	0.00E+00	8.83E-11	2.97E-09	4.73E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.04E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
NC310A	3.69E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.04E-03	8.12E-01	0.00E+00	8.93E-11	3.00E-09	4.78E-04	1.46E-06	1.08E-03	0.00E+00	8.12E-01	2.29E-09	8.12E-01	8.13E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
NC313A	3.71E-04	5.86E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	3.85E-02	2.20E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.06E-03	8.19E-01	0.00E+00	9.00E-11	3.01E-09	4.80E-04	1.47E-06	1.09E-03	0.00E+00	8.19E-01	2.31E-09	8.19E-01	8.20E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
NC316A	3.74E-04	5.90E-02	0.00E+00	5.90E-02	0.00E+00	0.00E+00	3.87E-02	2.22E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.04E-12	2.01E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-06	2.07E-03	8.25E-01	0.00E+00	9.06E-11	3.04E-09	4.86E-04	1.48E-06	1.10E-03	0.00E+00	8.25E-01	2.33E-09	8.25E-01	8.26E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
NC320A	3.83E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.43E-01	0.00E+00	9.26E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.43E-01	2.38E-09	8.43E-01	8.44E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
NC325A	3.84E-04	6.05E-02	0.00E+00	6.05E-02	0.00E+00	0.00E+00	3.97E-02	2.27E-08	1.80E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.06E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-06	2.13E-03	8.45E-01	0.00E+00	9.29E-11	3.12E-09	4.98E-04	1.51E-06	1.13E-03	0.00E+00	8.45E-01	2.38E-09	8.45E-01	8.46E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
NC332A	4.20E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.97E-04	2.16E-03	0.00E+00	0.00E+00	1.17E-12	2.26E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.26E-01	0.00E+00	1.02E-10	3.42E-09	5.45E-04	1.66E-06	1.24E-03	0.00E+00	9.26E-01	2.61E-09	9.26E-01	9.27E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
NC340A	4.29E-04	6.76E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	4.43E-02	2.54E-08	2.01E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.30E-11	1.65E-04	0.00E+00	0.00E+00	0.00E+00	5.98E-06	2.38E-03	9.44E-01	0.00E+00	1.04E-10	3.48E-09	5.56E-04	1.69E-06	1.26E-03	0.00E+00	9.44E-01	2.66E-09	9.44E-01	9.45E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
NC350A	4.47E-04	7.05E-02	0.00E+00	7.05E-02	0.00E+00	0.00E+00	4.62E-02	2.65E-08	2.09E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.40E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.24E-06	2.48E-03	9.84E-01	0.00E+00	1.08E-10	3.63E-09	5.80E-04	1.76E-06	1.31E-03	0.00E+00	9.84E-01	2.78E-09	9.84E-01	9.86E-01	1.31E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
NC363A	4.48E-04	7.06E-02	0.00E+00	7.06E-02	0.00E+00	0.00E+00	4.63E-02	2.65E-08	2.10E-04	2.30E-03	0.00E+00	0.00E+00	1.24E-12	2.41E-11	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.26E-06	2.48E-03	9.87E-01	0.00E+00	1.08E-10	3.64E-09	5.81E-04	1.77E-06	1.32E-03	0.00E+00	9.87E-01	2.79E-09	9.87E-01	9.88E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
NC406A	4.90E-04	7.73E-02	0.00E+00	7.73E-02	0.00E+00	0.00E+00	5.07E-02	2.90E-08	2.29E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.84E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	3.98E-09	6.35E-04	1.93E-06	1.44E-03	0.00E+00	1.08E+00	3.04E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	2.93E-04
NC410A	4.84E-04	7.83E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.07E-02	2.93E-08	2.44E-04	2.77E-03	0.00E+00	0.00E+00	1.45E-12	2.75E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.87E-03	1.12E+00	0.00E+00	1.26E-10	4.34E-09	6.77E-04	1.98E-06	1.54E-03	0.00E+00	1.12E+00	3.13E-09	1.12E+00	1.11E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
NC416A	4.84E-04	7.83E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	5.07E-02	2.93E-08	2.44E-04	2.77E-03	0.00E+00	0.00E+00	1.45E-12	2.75E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.25E-06	2.87E-03	1.12E+00	0.00E+00	1.26E-10	4.34E-09	6.77E-04	1.98E-06	1.54E-03	0.00E+00	1.12E+00	3.13E-09	1.12E+00	1.11E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	3.20E-04
NC420A	4.84E-04	7.90E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.09E-02	2.95E-08	2.44E-04	2.77E-03	0.00E+00	0.00E+00	1.47E-12	2.77E-11	2.01E-04	0.00E+00	0.00E+00	0.00E+00	7.27E-06	2.91E-03	1.12E+00	0.00E+00	1.27E-10	4.34E-09	6.77E-04	1.98E-06	1.55E-03	0.00E+00	1.12E+00	3.14E-09	1.12E+00	1.11E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.21E-04
NC425A	5.11E-04	8.10E-02	0.00E+00	8.10E-02	0.00E+00	0.00E+00	5.28E-02	3.03E-08	2.39E-04	2.63E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-06	2.86E-03	1.12E+00	0.00E+00	1.24E-10	4.15E-09	6.62E-04	2.02E-06	1.50E-03	0.00E+00	1.12E+00	3.17E-09	1.12E+00	1.13E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
NC432A	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NC450A	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.03E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.74E-09	7.56E-04	2.30E-06	1.71E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
NCN025	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
NCN040	1.35E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.40E-02	8.01E-09	6.34E-05	6.95E-04	0.00E+00	0.00E+00	3.75E-13	7.26E-12	5.20E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.50E-04	2.98E-01	0.00E+00	3.27E-11	1.10E-09	1.75E-04	5.34E-07	3.98E-04	0.00E+00	2.98E-01	8.41E-10	2.98E-01	2.98E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.11E-05
NCN100A	1.28E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.04E-05	6.63E-04	0.00E+00	0.00E+00	3.56E-13	6.91E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.84E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.06E-07	3.77E-04	0.00E+00	2.84E-01	8.01E-10	2.84E-01	2.84E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05
NCN100N	1.04E-03	2.97E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.72E-02	9.94E-09	2.46E-04	2.69E-03	0.00E+00	0.00E+00	4.26E-13	9.73E-12	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.60E-04	3.65E-01	0.00E+00	3.74E-11	5.47E-09	6.95E-04	6.03E-07	4.51E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.65E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
NCN101N	1.04E-03	2.97E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.72E-02	9.94E-09	2.46E-04	2.69E-03	0.00E+00	0.00E+00	4.26E-13	9.73E-12	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.60E-04	3.65E-01	0.00E+00	3.74E-11	5.47E-09	6.95E-04	6.03E-07	4.51E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.65E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
NCN102A	1.28E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.04E-05	6.63E-04	0.00E+00	0.00E+00	3.56E-13	6.91E-12	4.93E-05	0.00E+00	0.00E+00	0.00E+00	1.79E-06	7.11E-04	2.84E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.06E-07	3.77E-04	0.00E+00	2.84E-01	8.01E-10	2.84E-01	2.84E-01	3.77E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05
NCN102N	1.04E-03	2.97E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.72E-02	9.94E-09	2.46E-04	2.69E-03	0.00E+00	0.00E+00	4.26E-13	9.73E-12	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.60E-04	3.65E-01	0.00E+00	3.74E-11	5.47E-09	6.95E-04	6.03E-07	4.51E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.65E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
NCN103N	1.04E-03	2.97E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.72E-02	9.94E-09	2.46E-04	2.69E-03	0.00E+00	0.00E+00	4.26E-13	9.73E-12	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.60E-04	3.65E-01	0.00E+00	3.74E-11	5.47E-09	6.95E-04	6.03E-07	4.51E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.65E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
NCN104N	1.04E-03	2.97E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.72E-02	9.94E-09	2.46E-04	2.69E-03	0.00E+00	0.00E+00	4.26E-13	9.73E-12	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.60E-04	3.65E-01	0.00E+00	3.74E-11	5.47E-09	6.95E-04	6.03E-07	4.51E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.65E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
NCN106A	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NCN106N	1.04E-03	2.97E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.72E-02	9.94E-09	2.46E-04	2.69E-03	0.00E+00	0.00E+00	4.26E-13	9.73E-12	5.97E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-06	8.60E-04	3.65E-01	0.00E+00	3.74E-11	5.47E-09	6.95E-04	6.03E-07	4.51E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.65E-01	4.51E-04	0.00E+00	0.00E+00	0.00E+00	9.31E-05
NCN110	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NCN110A	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NCN116A	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	7.45E-05
NCN116N	1.39E-03	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.39E-02	1.38E-08	3.28E-04	3.59E-03	0.00E+00	0.00E+00	5.94E-13	1.33E-11	8.26E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-06	1.22E-03	5.06E-01	0.00E+00	5.20E-11	7.32E-09	9.24E-04	8.48E-07	6.47E-04	0.00E+00	5.06E-01	1.43E-09	5.06E-01	5.06E-01	6.47E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04
NCN120A	1.29E-04	2.03E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.33E-02	7.62E-09	6.03E-05	6.62E-04	0.00E+00	0.00E+00	3.57E-13	6.91E-12	4.95E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.13E-04	2.83E-01	0.00E+00	3.11E-11	1.05E-09	1.67E-04	5.08E-07	3.78E-04	0.00E+00	2.83E-01	8.00E-10	2.83E-01	2.84E-01	3.78E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05
NCN125N	1.05E-03	2.95E-02	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.70E-02	9.79E-09	2.47E-04	2.72E-03	0.00E+00	0.00E+00	4.18E-13	9.64E-12	5.85E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-06	8.51E-04	3.62E-01	0.00E+00	3.67E-11	5.54E-09	6.99E-04	5.94E-07	4.46E-04	0.00E+00	3.62E-01	1.02E-09	3.62E-01	3.63E-01	4.46E-04	0.00E+00	0.00E+00	0.00E+00	9.16E-05
NCN132A	1.35E-04	2.13E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.40E-02	8.02E-09	6.34E-05	6.96E-04	0.00E+00	0.00E+00	3.76E-13	7.27E-12	5.21E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-06	7.50E-04	2.98E-01	0.00E+00	3.28E-11	1.10E-09	1.76E-04	5.34E-07	3.98E-04	0.00E+00	2.98E-01	8.41E-10	2.98E-01	2.99E-01	3.98E-04	0.00E+00	0.00E+00	0.00E+00	8.12E-05
NCN140A	1.37E-04	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.42E-02	8.12E-09	6.42E-05	7.04E-04	0.00E+00	0.00E+00	3.80E-13	7.35E-12	5.27E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.60E-04	3.02E-01	0.00E+00	3.32E-11	1.11E-09	1.78E-04	5.41E-07	4.03E-04	0.00E+00	3.02E-01	8.52E-10	3.02E-01	3.02E-01	4.03E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05
NCN140N	1.23E-03	2.94E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.68E-02	9.74E-09	2.70E-04	2.98E-03	0.00E+00	0.00E+00	4.09E-13	9.69E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.34E-04	3.58E-01	0.00E+00	3.62E-11	6.29E-09	7.67E-04	5.81E-07	4.39E-04	0.00E+00	3.58E-01	1.02E-09	3.58E-01	3.59E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	9.03E-05
NCN150	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.91E-13	7.53E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.09E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.56E-07	4.14E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
NCN150A	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.32E-09	6.57E-05	7.20E-04	0.00E+00	0.00E+00	3.90E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.78E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.54E-07	4.13E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.42E-05
NCN150N	1.23E-03	2.94E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.68E-02	9.74E-09	2.70E-04	2.98E-03	0.00E+00	0.00E+00	4.09E-13	9.69E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.34E-04	3.58E-01	0.00E+00	3.62E-11	6.29E-09	7.67E-04	5.81E-07	4.39E-04	0.00E+00	3.58E-01	1.02E-09	3.58E-01	3.59E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	9.03E-05
NCN163	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.31E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.89E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.78E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.54E-07	4.12E-04	0.00E+00	3.09E-01	8.72E-10	3.09E-01	3.10E-01	4.12E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-05
NCN163A	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.15E-09	6.45E-05	7.08E-04	0.00E+00	0.00E+00	3.82E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.78E-04	5.43E-07	4.04E-04	0.00E+00	3.03E-01	8.55E-10	3.03E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NCN163N	1.23E-03	2.94E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.68E-02	9.74E-09	2.70E-04	2.98E-03	0.00E+00	0.00E+00	4.09E-13	9.69E-12	5.74E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-06	8.34E-04	3.58E-01	0.00E+00	3.62E-11	6.29E-09	7.67E-04	5.81E-07	4.39E-04	0.00E+00	3.58E-01	1.02E-09	3.58E-01	3.59E-01	4.39E-04	0.00E+00	0.00E+00	0.00E+00	9.03E-05
NCN201N	1.04E-03	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.71E-02	9.88E-09	2.47E-04	2.70E-03	0.00E+00	0.00E+00	4.23E-13	9.68E-12	5.91E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	8.53E-04	3.65E-01	0.00E+00	3.71E-11	5.49E-09	6.99E-04	5.99E-07	4.47E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.64E-01	4.47E-04	0.00E+00	0.00E+00	0.00E+00	9.22E-05
NCN202A	4.65E-04	5.84E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.55E-02	2.01E-08	1.82E-04	1.96E-03	0.00E+00	0.00E+00	8.76E-13	2.06E-11	1.26E-04	0.00E+00	0.00E+00	0.00E+00	4.59E-06	1.84E-03	7.54E-01	0.00E+00	7.78E-11	3.20E-09	4.93E-04	1.27E-06	9.55E-04	0.00E+00	7.54E-01	2.16E-09	7.54E-01	7.41E-01	9.55E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
NCN202N	1.04E-03	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.71E-02	9.88E-09	2.47E-04	2.70E-03	0.00E+00	0.00E+00	4.23E-13	9.68E-12	5.91E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	8.53E-04	3.65E-01	0.00E+00	3.71E-11	5.49E-09	6.99E-04	5.99E-07	4.47E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.64E-01	4.47E-04	0.00E+00	0.00E+00	0.00E+00	9.22E-05
NCN203A	4.49E-04	5.68E-02	0.00E+00	5.68E-02	0.00E+00	0.00E+00	3.46E-02	1.95E-08	1.75E-04	1.88E-03	0.00E+00	0.00E+00	8.55E-13	2.02E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.80E-03	7.34E-01	0.00E+00	7.64E-11	3.07E-09	4.73E-04	1.24E-06	9.32E-04	0.00E+00	7.34E-01	2.11E-09	7.34E-01	7.22E-01	9.32E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
NCN203N	1.04E-03	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.71E-02	9.88E-09	2.47E-04	2.70E-03	0.00E+00	0.00E+00	4.23E-13	9.68E-12	5.91E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	8.53E-04	3.65E-01	0.00E+00	3.71E-11	5.49E-09	6.99E-04	5.99E-07	4.47E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.64E-01	4.47E-04	0.00E+00	0.00E+00	0.00E+00	9.22E-05
NCN204	2.60E-04	4.10E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.70E-02	1.54E-08	1.22E-04	1.34E-03	0.00E+00	0.00E+00	7.40E-13	1.41E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.70E-06	1.47E-03	5.75E-01	0.00E+00	6.43E-11	2.11E-09	3.38E-04	1.05E-06	7.79E-04	0.00E+00	5.75E-01	1.62E-09	5.75E-01	5.76E-01	7.79E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NCN204A	4.49E-04	5.68E-02	0.00E+00	5.68E-02	0.00E+00	0.00E+00	3.46E-02	1.95E-08	1.75E-04	1.88E-03	0.00E+00	0.00E+00	8.55E-13	2.02E-11	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.51E-06	1.80E-03	7.34E-01	0.00E+00	7.64E-11	3.07E-09	4.73E-04	1.24E-06	9.32E-04	0.00E+00	7.34E-01	2.11E-09	7.34E-01	7.22E-01	9.32E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04
NCN204N	1.04E-03	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.71E-02	9.88E-09	2.47E-04	2.70E-03	0.00E+00	0.00E+00	4.23E-13	9.68E-12	5.91E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	8.53E-04	3.65E-01	0.00E+00	3.71E-11	5.49E-09	6.99E-04	5.99E-07	4.47E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.64E-01	4.47E-04	0.00E+00	0.00E+00	0.00E+00	9.22E-05
NCN206N	1.04E-03	2.96E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.71E-02	9.88E-09	2.47E-04	2.70E-03	0.00E+00	0.00E+00	4.23E-13	9.68E-12	5.91E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-06	8.53E-04	3.65E-01	0.00E+00	3.71E-11	5.49E-09	6.99E-04	5.99E-07	4.47E-04	0.00E+00	3.65E-01	1.03E-09	3.65E-01	3.64E-01	4.47E-04	0.00E+00	0.00E+00	0.00E+00	9.22E-05
NCN210A	2.44E-04	3.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.77E-13	1.31E-11	9.38E-05	0.00E+00	0.00E+00	0.00E+00	3.41E-06	1.35E-03	5.37E-01	0.00E+00	5.91E-11	1.98E-09	3.16E-04	9.63E-07	7.17E-04	0.00E+00	5.37E-01	1.52E-09	5.37E-01	5.38E-01	7.17E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NCN210N	1.71E-03	4.81E-02	0.00E+00	4.81E-02	0.00E+00	0.00E+00	3.00E-02	1.69E-08	3.10E-04	3.38E-03	0.00E+00	0.00E+00	7.41E-13	1.70E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-06	1.51E-03	6.33E-01	0.00E+00	6.76E-11	8.38E-09	8.87E-04	1.09E-06	7.97E-04	0.00E+00	6.33E-01	1.82E-09	6.33E-01	6.31E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04
NCN216A	2.48E-04	3.92E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	2.57E-02	1.47E-08	1.16E-04	1.28E-03	0.00E+00	0.00E+00	6.89E-13	1.33E-11	9.55E-05	0.00E+00	0.00E+00	0.00E+00	3.47E-06	1.38E-03	5.47E-01	0.00E+00	6.01E-11	2.02E-09	3.22E-04	9.81E-07	7.30E-04	0.00E+00	5.47E-01	1.54E-09	5.47E-01	5.48E-01	7.30E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-04
NCN216N	1.71E-03	4.84E-02	0.00E+00	4.84E-02	0.00E+00	0.00E+00	3.02E-02	1.70E-08	3.11E-04	3.39E-03	0.00E+00	0.00E+00	7.48E-13	1.71E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.38E-01	0.00E+00	6.81E-11	8.39E-09	8.89E-04	1.10E-06	8.04E-04	0.00E+00	6.38E-01	1.83E-09	6.38E-01	6.36E-01	8.04E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NCN220N	1.73E-03	5.43E-02	0.00E+00	5.43E-02	0.00E+00	0.00E+00	3.28E-02	1.83E-08	3.16E-04	3.46E-03	0.00E+00	0.00E+00	7.80E-13	1.93E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-06	1.62E-03	6.96E-01	0.00E+00	7.14E-11	8.53E-09	9.07E-04	1.16E-06	8.43E-04	0.00E+00	6.96E-01	2.02E-09	6.96E-01	6.82E-01	8.43E-04	0.00E+00	0.00E+00	0.00E+00	1.72E-04
NCN240A	2.66E-04	4.20E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.75E-02	1.58E-08	1.25E-04	1.37E-03	0.00E+00	0.00E+00	7.39E-13	1.43E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.72E-06	1.48E-03	5.87E-01	0.00E+00	6.45E-11	2.17E-09	3.45E-04	1.05E-06	7.83E-04	0.00E+00	5.87E-01	1.66E-09	5.87E-01	5.87E-01	7.83E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04
NCN240N	2.99E-03	8.61E-02	0.00E+00	8.61E-02	0.00E+00	0.00E+00	5.14E-02	2.96E-08	7.05E-04	7.72E-03	0.00E+00	0.00E+00	1.28E-12	2.85E-11	1.78E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-06	2.62E-03	1.09E+00	0.00E+00	1.12E-10	1.57E-08	1.99E-03	1.82E-06	1.39E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
NCN250N	2.23E-03	5.84E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.57E-02	2.02E-08	3.46E-04	3.78E-03	0.00E+00	0.00E+00	8.76E-13	2.07E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.63E-06	1.85E-03	7.54E-01	0.00E+00	7.80E-11	1.02E-08	9.84E-04	1.27E-06	9.58E-04	0.00E+00	7.54E-01	2.17E-09	7.54E-01	7.43E-01	9.58E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
NCN263N	2.23E-03	5.84E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.57E-02	2.02E-08	3.46E-04	3.78E-03	0.00E+00	0.00E+00	8.76E-13	2.07E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.63E-06	1.85E-03	7.54E-01	0.00E+00	7.80E-11	1.02E-08	9.84E-04	1.27E-06	9.58E-04	0.00E+00	7.54E-01	2.17E-09	7.54E-01	7.43E-01	9.58E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04
NCN301N	3.30E-03	7.81E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	4.66E-02	2.69E-08	5.53E-04	5.88E-03	0.00E+00	0.00E+00	1.16E-12	2.53E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-06	2.42E-03	9.88E-01	0.00E+00	1.04E-10	1.35E-08	1.54E-03	1.66E-06	1.27E-03	0.00E+00	9.88E-01	2.82E-09	9.88E-01	1.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
NCN302N	3.30E-03	7.81E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	4.66E-02	2.69E-08	5.53E-04	5.88E-03	0.00E+00	0.00E+00	1.16E-12	2.53E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-06	2.42E-03	9.88E-01	0.00E+00	1.04E-10	1.35E-08	1.54E-03	1.66E-06	1.27E-03	0.00E+00	9.88E-01	2.82E-09	9.88E-01	1.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
NCN303A	6.87E-04	6.60E-02	0.00E+00	6.60E-02	0.00E+00	0.00E+00	4.26E-02	2.44E-08	2.44E-04	2.61E-03	0.00E+00	0.00E+00	1.12E-12	2.25E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.69E-06	2.27E-03	9.04E-01	0.00E+00	9.82E-11	4.61E-09	6.65E-04	1.60E-06	1.20E-03	0.00E+00	9.04E-01	2.56E-09	9.04E-01	9.05E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NCN303N	3.30E-03	7.81E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	4.66E-02	2.69E-08	5.53E-04	5.88E-03	0.00E+00	0.00E+00	1.16E-12	2.53E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-06	2.42E-03	9.88E-01	0.00E+00	1.04E-10	1.35E-08	1.54E-03	1.66E-06	1.27E-03	0.00E+00	9.88E-01	2.82E-09	9.88E-01	1.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
NCN304N	3.30E-03	7.81E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	4.66E-02	2.69E-08	5.53E-04	5.88E-03	0.00E+00	0.00E+00	1.16E-12	2.53E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-06	2.42E-03	9.88E-01	0.00E+00	1.04E-10	1.35E-08	1.54E-03	1.66E-06	1.27E-03	0.00E+00	9.88E-01	2.82E-09	9.88E-01	1.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
NCN306	3.82E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.95E-02	2.26E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.42E-01	0.00E+00	9.25E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.42E-01	2.38E-09	8.42E-01	8.43E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
NCN306A	3.70E-04	5.84E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	3.83E-02	2.19E-08	1.74E-04	1.90E-03	0.00E+00	0.00E+00	1.03E-12	1.99E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.17E-06	2.05E-03	8.16E-01	0.00E+00	8.97E-11	3.01E-09	4.80E-04	1.46E-06	1.09E-03	0.00E+00	8.16E-01	2.30E-09	8.16E-01	8.17E-01	1.09E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04
NCN306N	3.30E-03	7.81E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	4.66E-02	2.69E-08	5.53E-04	5.88E-03	0.00E+00	0.00E+00	1.16E-12	2.53E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-06	2.42E-03	9.88E-01	0.00E+00	1.04E-10	1.35E-08	1.54E-03	1.66E-06	1.27E-03	0.00E+00	9.88E-01	2.82E-09	9.88E-01	1.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.63E-04
NCN310A	3.69E-04	5.81E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	3.81E-02	2.18E-08	1.73E-04	1.90E-03	0.00E+00	0.00E+00	1.02E-12	1.98E-11	1.42E-04	0.00E+00	0.00E+00	0.00E+00	5.15E-06	2.04E-03	8.12E-01	0.00E+00	8.92E-11	3.00E-09	4.78E-04	1.45E-06	1.08E-03	0.00E+00	8.12E-01	2.29E-09	8.12E-01	8.13E-01	1.08E-03	0.00E+00	0.00E+00	0.00E+00	2.21E-04
NCN310N	3.26E-03	7.79E-02	0.00E+00	7.79E-02	0.00E+00	0.00E+00	4.62E-02	2.66E-08	5.39E-04	5.74E-03	0.00E+00	0.00E+00	1.15E-12	2.54E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.99E-06	2.41E-03	9.80E-01	0.00E+00	1.03E-10	1.32E-08	1.50E-03	1.64E-06	1.26E-03	0.00E+00	9.80E-01	2.79E-09	9.80E-01	9.91E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
NCN316	3.73E-04	5.88E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	3.85E-02	2.21E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.03E-12	2.00E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.20E-06	2.07E-03	8.21E-01	0.00E+00	9.02E-11	3.03E-09	4.83E-04	1.47E-06	1.10E-03	0.00E+00	8.21E-01	2.32E-09	8.21E-01	8.22E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.23E-04
NCN316A	3.76E-04	5.93E-02	0.00E+00	5.93E-02	0.00E+00	0.00E+00	3.89E-02	2.23E-08	1.76E-04	1.93E-03	0.00E+00	0.00E+00	1.04E-12	2.02E-11	1.45E-04	0.00E+00	0.00E+00	0.00E+00	5.25E-06	2.08E-03	8.28E-01	0.00E+00	9.10E-11	3.06E-09	4.88E-04	1.48E-06	1.10E-03	0.00E+00	8.28E-01	2.34E-09	8.28E-01	8.29E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
NCN316N	4.12E-03	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.08E-02	4.07E-08	9.71E-04	1.06E-02	0.00E+00	0.00E+00	1.76E-12	3.93E-11	2.45E-04	0.00E+00	0.00E+00	0.00E+00	9.07E-06	3.61E-03	1.50E+00	0.00E+00	1.54E-10	2.17E-08	2.74E-03	2.51E-06	1.92E-03	0.00E+00	1.50E+00	4.23E-09	1.50E+00	1.50E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	3.89E-04
NCN320A	3.89E-04	6.14E-02	0.00E+00	6.14E-02	0.00E+00	0.00E+00	4.03E-02	2.31E-08	1.82E-04	2.00E-03	0.00E+00	0.00E+00	1.08E-12	2.09E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-06	2.16E-03	8.58E-01	0.00E+00	9.42E-11	3.17E-09	5.05E-04	1.54E-06	1.14E-03	0.00E+00	8.58E-01	2.42E-09	8.58E-01	8.59E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04

NCN320N	3.29E-03	7.81E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	4.66E-02	2.68E-08	5.45E-04	5.82E-03	0.00E+00	0.00E+00	1.16E-12	2.53E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	6.06E-06	2.42E-03	9.87E-01	0.00E+00	1.04E-10	1.33E-08	1.52E-03	1.66E-06	1.27E-03	0.00E+00	9.87E-01	2.82E-09	9.87E-01	1.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
NCN325A	4.11E-04	6.09E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.99E-02	2.29E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.50E-01	0.00E+00	9.34E-11	3.14E-09	5.01E-04	1.52E-06	1.13E-03	0.00E+00	8.50E-01	2.40E-09	8.50E-01	8.51E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NCN325N	3.30E-03	8.96E-02	0.00E+00	8.96E-02	0.00E+00	0.00E+00	4.90E-02	2.86E-08	5.64E-04	5.94E-03	0.00E+00	0.00E+00	1.15E-12	2.85E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.99E-06	2.42E-03	1.04E+00	0.00E+00	1.01E-10	1.36E-08	1.55E-03	1.64E-06	1.28E-03	0.00E+00	1.04E+00	2.95E-09	1.04E+00	1.06E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
NCN332	4.14E-04	6.53E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.28E-02	2.45E-08	1.94E-04	2.13E-03	0.00E+00	0.00E+00	1.15E-12	2.22E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-06	2.29E-03	9.12E-01	0.00E+00	1.00E-10	3.37E-09	5.37E-04	1.63E-06	1.22E-03	0.00E+00	9.12E-01	2.57E-09	9.12E-01	9.13E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
NCN332A	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.11E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NCN340A	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.11E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NCN340N	4.41E-03	1.27E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	7.59E-02	4.37E-08	1.04E-03	1.14E-02	0.00E+00	0.00E+00	1.89E-12	4.21E-11	2.63E-04	0.00E+00	0.00E+00	0.00E+00	9.72E-06	3.88E-03	1.61E+00	0.00E+00	1.65E-10	2.33E-08	2.94E-03	2.69E-06	2.05E-03	0.00E+00	1.61E+00	4.54E-09	1.61E+00	1.61E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
NCN350A	4.08E-04	6.44E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	4.22E-02	2.42E-08	1.91E-04	2.10E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.26E-03	9.00E-01	0.00E+00	9.88E-11	3.32E-09	5.30E-04	1.61E-06	1.20E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.01E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NCN350N	4.53E-03	1.31E-01	0.00E+00	1.31E-01	0.00E+00	0.00E+00	7.79E-02	4.49E-08	1.07E-03	1.17E-02	0.00E+00	0.00E+00	1.94E-12	4.32E-11	2.70E-04	0.00E+00	0.00E+00	0.00E+00	9.99E-06	3.98E-03	1.65E+00	0.00E+00	1.70E-10	2.39E-08	3.02E-03	2.77E-06	2.11E-03	0.00E+00	1.65E+00	4.66E-09	1.65E+00	1.65E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
NCN363	4.08E-04	6.44E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	4.22E-02	2.42E-08	1.91E-04	2.10E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.26E-03	9.00E-01	0.00E+00	9.88E-11	3.32E-09	5.30E-04	1.61E-06	1.20E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.01E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NCN363A	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
NCN363N	4.56E-03	1.31E-01	0.00E+00	1.31E-01	0.00E+00	0.00E+00	7.84E-02	4.51E-08	1.08E-03	1.18E-02	0.00E+00	0.00E+00	1.95E-12	4.35E-11	2.71E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	4.00E-03	1.66E+00	0.00E+00	1.71E-10	2.40E-08	3.03E-03	2.78E-06	2.12E-03	0.00E+00	1.66E+00	4.69E-09	1.66E+00	1.66E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
NCN402A	8.83E-04	9.39E-02	0.00E+00	9.39E-02	0.00E+00	0.00E+00	6.06E-02	3.48E-08	4.77E-04	5.69E-03	0.00E+00	0.00E+00	1.59E-12	3.12E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-06	3.22E-03	1.28E+00	0.00E+00	1.39E-10	7.93E-09	1.19E-03	2.20E-06	1.75E-03	0.00E+00	1.28E+00	3.67E-09	1.28E+00	1.27E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
NCN402N	4.14E-03	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	6.65E-02	3.78E-08	8.98E-04	9.68E-03	0.00E+00	0.00E+00	1.54E-12	3.65E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-06	3.24E-03	1.39E+00	0.00E+00	1.37E-10	2.02E-08	2.50E-03	2.25E-06	1.70E-03	0.00E+00	1.39E+00	4.00E-09	1.39E+00	1.39E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
NCN404A	8.63E-04	9.11E-02	0.00E+00	9.11E-02	0.00E+00	0.00E+00	5.91E-02	3.41E-08	4.69E-04	5.61E-03	0.00E+00	0.00E+00	1.55E-12	3.05E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	7.80E-06	3.15E-03	1.25E+00	0.00E+00	1.36E-10	7.79E-09	1.17E-03	2.13E-06	1.71E-03	0.00E+00	1.25E+00	3.60E-09	1.25E+00	1.24E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
NCN404N	4.14E-03	1.11E-01	0.00E+00	1.11E-01	0.00E+00	0.00E+00	6.65E-02	3.78E-08	8.98E-04	9.68E-03	0.00E+00	0.00E+00	1.54E-12	3.65E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	8.17E-06	3.24E-03	1.39E+00	0.00E+00	1.37E-10	2.02E-08	2.50E-03	2.25E-06	1.70E-03	0.00E+00	1.39E+00	4.00E-09	1.39E+00	1.39E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
NCN406A	5.03E-04	8.24E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.36E-04	2.68E-03	0.00E+00	0.00E+00	1.45E-12	2.73E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-06	2.88E-03	1.13E+00	0.00E+00	1.25E-10	4.49E-09	7.00E-04	2.00E-06	1.52E-03	0.00E+00	1.13E+00	3.22E-09	1.13E+00	1.13E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
NCN410A	4.89E-04	7.71E-02	0.00E+00	7.71E-02	0.00E+00	0.00E+00	5.06E-02	2.90E-08	2.29E-04	2.52E-03	0.00E+00	0.00E+00	1.36E-12	2.63E-11	1.88E-04	0.00E+00	0.00E+00	0.00E+00	6.83E-06	2.71E-03	1.08E+00	0.00E+00	1.18E-10	3.98E-09	6.34E-04	1.93E-06	1.44E-03	0.00E+00	1.08E+00	3.04E-09	1.08E+00	1.08E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
NCN416	4.95E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NCN416A	4.95E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NCN420	5.12E-04	8.07E-02	0.00E+00	8.07E-02	0.00E+00	0.00E+00	5.29E-02	3.03E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.42E-12	2.75E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-06	2.84E-03	1.13E+00	0.00E+00	1.24E-10	4.16E-09	6.64E-04	2.02E-06	1.50E-03	0.00E+00	1.13E+00	3.18E-09	1.13E+00	1.13E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
NCN420A	5.12E-04	8.08E-02	0.00E+00	8.08E-02	0.00E+00	0.00E+00	5.30E-02	3.04E-08	2.40E-04	2.64E-03	0.00E+00	0.00E+00	1.42E-12	2.75E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-06	2.84E-03	1.13E+00	0.00E+00	1.24E-10	4.17E-09	6.65E-04	2.02E-06	1.51E-03	0.00E+00	1.13E+00	3.19E-09	1.13E+00	1.13E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
NCN425	5.12E-04	8.07E-02	0.00E+00	8.07E-02	0.00E+00	0.00E+00	5.29E-02	3.03E-08	2.40E-04	2.63E-03	0.00E+00	0.00E+00	1.42E-12	2.75E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.15E-06	2.84E-03	1.13E+00	0.00E+00	1.24E-10	4.16E-09	6.64E-04	2.02E-06	1.50E-03	0.00E+00	1.13E+00	3.18E-09	1.13E+00	1.13E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
NCN425A	5.17E-04	8.15E-02	0.00E+00	8.15E-02	0.00E+00	0.00E+00	5.35E-02	3.06E-08	2.42E-04	2.66E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-06	2.86E-03	1.14E+00	0.00E+00	1.25E-10	4.20E-09	6.70E-04	2.04E-06	1.52E-03	0.00E+00	1.14E+00	3.21E-09	1.14E+00	1.14E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
NCN432A	5.51E-04	8.68E-02	0.00E+00	8.68E-02	0.00E+00	0.00E+00	5.69E-02	3.26E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.53E-12	2.96E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.48E-09	7.14E-04	2.17E-06	1.62E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.21E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
NCN440A	5.58E-04	8.80E-02	0.00E+00	8.80E-02	0.00E+00	0.00E+00	5.77E-02	3.31E-08	2.62E-04	2.87E-03	0.00E+00	0.00E+00	1.55E-12	3.00E-11	2.15E-04	0.00E+00	0.00E+00	0.00E+00	7.79E-06	3.09E-03	1.23E+00	0.00E+00	1.35E-10	4.54E-09	7.24E-04	2.20E-06	1.64E-03	0.00E+00	1.23E+00	3.47E-09	1.23E+00	1.23E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
NCN450	5.63E-04	8.87E-02	0.00E+00	8.87E-02	0.00E+00	0.00E+00	5.82E-02	3.33E-08	2.64E-04	2.89E-03	0.00E+00	0.00E+00	1.56E-12	3.02E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-06	3.12E-03	1.24E+00	0.00E+00	1.36E-10	4.58E-09	7.30E-04	2.22E-06	1.65E-03	0.00E+00	1.24E+00	3.50E-09	1.24E+00	1.24E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NCN450A	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NCN463	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NCN463A	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NCN463N	4.19E-03	1.19E-01	0.00E+00	1.19E-01	0.00E+00	0.00E+00	7.38E-02	4.16E-08	9.79E-04	1.05E-02	0.00E+00	0.00E+00	1.71E-12	3.94E-11	2.43E-04	0.00E+00	0.00E+00	0.00E+00	9.14E-06	3.58E-03	1.52E+00	0.00E+00	1.52E-10	2.16E-08	2.72E-03	2.58E-06	1.89E-03	0.00E+00	1.52E+00	4.29E-09	1.52E+00	1.51E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
NCN506A	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.59E-01	0.00E+00	6.15E-11	2.06E-09	3.28E-04	1.00E-06	7.47E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
NCN520	2.60E-04	4.10E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	2.70E-02	1.54E-08	1.22E-04	1.34E-03	0.00E+00	0.00E+00	7.40E-13	1.41E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.70E-06	1.47E-03	5.75E-01	0.00E+00	6.43E-11	2.11E-09	3.38E-04	1.05E-06	7.79E-04	0.00E+00	5.75E-01	1.62E-09	5.75E-01	5.76E-01	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NCN520A	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.63E-02	1.51E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.26E-13	1.37E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.43E-03	5.61E-01	0.00E+00	6.31E-11	2.05E-09	3.28E-04	1.02E-06	7.62E-04	0.00E+00	5.61E-01	1.58E-09	5.61E-01	5.62E-01	7.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
NCN532	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.60E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
NCN613	4.94E-04	7.79E-02	0.00E+00	7.79E-02	0.00E+00	0.00E+00	5.11E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
NCN620	5.31E-04	8.38E-02	0.00E+00	8.38E-02	0.00E+00	0.00E+00	5.49E-02	3.15E-08	2.49E-04	2.73E-03	0.00E+00	0.00E+00	1.47E-12	2.85E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.42E-06	2.94E-03	1.17E+00	0.00E+00	1.29E-10	4.32E-09	6.89E-04	2.10E-06	1.56E-03	0.00E+00	1.17E+00	3.30E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
NCN625	5.15E-04	8.12E-02	0.00E+00	8.12E-02	0.00E+00	0.00E+00	5.33E-02	3.05E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.19E-06	2.86E-03	1.13E+00	0.00E+00	1.25E-10	4.19E-09	6.68E-04	2.03E-06	1.51E-03	0.00E+00	1.13E+00	3.20E-09	1.13E+00	1.14E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
NCN632	5.50E-04	8.68E-02	0.00E+00	8.68E-02	0.00E+00	0.00E+00	5.69E-02	3.26E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.53E-12	2.95E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.47E-09	7.14E-04	2.17E-06	1.62E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.21E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
NCN640	5.33E-04	8.40E-02	0.00E+00	8.40E-02	0.00E+00	0.00E+00	5.51E-02	3.15E-08	2.50E-04	2.74E-03	0.00E+00	0.00E+00	1.48E-12	2.86E-11	2.05E-04	0.00E+00	0.00E+00	0.00E+00	7.43E-06	2.95E-03	1.17E+00	0.00E+00	1.29E-10	4.33E-09	6.91E-04	2.10E-06	1.57E-03	0.00E+00	1.17E+00	3.31E-09	1.17E+00	1.17E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
NCN650	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NCN663	5.41E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.78E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.40E-09	7.02E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
ND106P	1.14E-03	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.96E-02	1.13E-08	2.70E-04	2.95E-03	0.00E+00	0.00E+00	4.88E-13	1.09E-11	6.79E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.00E-03	4.15E-01	0.00E+00	4.27E-11	6.02E-09	7.61E-04	6.96E-07	5.31E-04	0.00E+00	4.15E-01	1.17E-09	4.15E-01	4.16E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
ND110P	1.24E-03	3.62E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	2.14E-02	1.23E-08	2.87E-04	3.17E-03	0.00E+00	0.00E+00	5.34E-13	1.20E-11	7.43E-05	0.00E+00	0.00E+00	0.00E+00	2.76E-06	1.10E-03	4.52E-01	0.00E+00	4.69E-11	6.54E-09	8.10E-04	7.63E-07	5.82E-04	0.00E+00	4.52E-01	1.28E-09	4.52E-01	4.54E-01	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
ND116P	1.14E-03	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.96E-02	1.13E-08	2.70E-04	2.95E-03	0.00E+00	0.00E+00	4.88E-13	1.09E-11	6.79E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.00E-03	4.15E-01	0.00E+00	4.27E-11	6.02E-09	7.61E-04	6.96E-07	5.31E-04	0.00E+00	4.15E-01	1.17E-09	4.15E-01	4.16E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
ND120P	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.58E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.90E-11	6.79E-09	8.39E-04	7.98E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
ND125P	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.58E-13	1.25E-11	7.77E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.90E-11	6.79E-09	8.39E-04	7.97E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.75E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
ND132P	1.29E-03	3.78E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	2.24E-02	1.29E-08	2.97E-04	3.29E-03	0.00E+00	0.00E+00	5.59E-13	1.25E-11	7.78E-05	0.00E+00	0.00E+00	0.00E+00	2.89E-06	1.15E-03	4.73E-01	0.00E+00	4.90E-11	6.79E-09	8.39E-04	7.97E-07	6.09E-04	0.00E+00	4.73E-01	1.34E-09	4.73E-01	4.76E-01	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
ND140P	1.14E-03	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.96E-02	1.13E-08	2.70E-04	2.95E-03	0.00E+00	0.00E+00	4.88E-13	1.09E-11	6.79E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.00E-03	4.15E-01	0.00E+00	4.27E-11	6.02E-09	7.61E-04	6.96E-07	5.31E-04	0.00E+00	4.15E-01	1.17E-09	4.15E-01	4.16E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
ND150P	1.14E-03	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.96E-02	1.13E-08	2.70E-04	2.95E-03	0.00E+00	0.00E+00	4.88E-13	1.09E-11	6.79E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.00E-03	4.15E-01	0.00E+00	4.27E-11	6.02E-09	7.61E-04	6.96E-07	5.31E-04	0.00E+00	4.15E-01	1.17E-09	4.15E-01	4.16E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
ND163P	1.14E-03	3.29E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.96E-02	1.13E-08	2.70E-04	2.95E-03	0.00E+00	0.00E+00	4.88E-13	1.09E-11	6.79E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-06	1.00E-03	4.15E-01	0.00E+00	4.27E-11	6.02E-09	7.61E-04	6.96E-07	5.31E-04	0.00E+00	4.15E-01	1.17E-09	4.15E-01	4.16E-01	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
ND206P	2.48E-03	7.21E-02	0.00E+00	7.21E-02	0.00E+00	0.00E+00	4.16E-02	2.39E-08	5.42E-04	5.71E-03	0.00E+00	0.00E+00	1.02E-12	2.36E-11	1.43E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.10E-03	8.87E-01	0.00E+00	8.90E-11	1.28E-08	1.50E-03	1.46E-06	1.11E-03	0.00E+00	8.87E-01	2.52E-09	8.87E-01	8.76E-01	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
ND216P	2.65E-03	7.56E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	4.28E-02	2.46E-08	5.66E-04	5.98E-03	0.00E+00	0.00E+00	1.05E-12	2.48E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06	2.15E-03	9.18E-01	0.00E+00	9.10E-11	1.35E-08	1.57E-03	1.50E-06	1.14E-03	0.00E+00	9.18E-01	2.61E-09	9.18E-01	9.02E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
ND220P	2.64E-03	7.53E-02	0.00E+00	7.53E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.65E-04	5.97E-03	0.00E+00	0.00E+00	1.07E-12	2.46E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.50E-06	2.17E-03	9.23E-01	0.00E+00	9.23E-11	1.35E-08	1.57E-03	1.51E-06	1.16E-03	0.00E+00	9.23E-01	2.64E-09	9.23E-01	9.16E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
ND225P	2.64E-03	7.53E-02	0.00E+00	7.53E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.65E-04	5.98E-03	0.00E+00	0.00E+00	1.08E-12	2.46E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.17E-03	9.25E-01	0.00E+00	9.31E-11	1.35E-08	1.57E-03	1.53E-06	1.16E-03	0.00E+00	9.25E-01	2.65E-09	9.25E-01	9.16E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
ND232P	2.64E-03	7.53E-02	0.00E+00	7.53E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.65E-04	5.97E-03	0.00E+00	0.00E+00	1.07E-12	2.46E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.50E-06	2.17E-03	9.24E-01	0.00E+00	9.24E-11	1.35E-08	1.57E-03	1.51E-06	1.16E-03	0.00E+00	9.24E-01	2.64E-09	9.24E-01	9.16E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
ND240P	2.64E-03	7.53E-02	0.00E+00	7.53E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.65E-04	5.97E-03	0.00E+00	0.00E+00	1.07E-12	2.46E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.50E-06	2.17E-03	9.24E-01	0.00E+00	9.24E-11	1.35E-08	1.57E-03	1.51E-06	1.16E-03	0.00E+00	9.24E-01	2.64E-09	9.24E-01	9.16E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
ND250P	2.64E-03	7.53E-02	0.00E+00	7.53E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.65E-04	5.98E-03	0.00E+00	0.00E+00	1.07E-12	2.46E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.51E-06	2.17E-03	9.25E-01	0.00E+00	9.25E-11	1.35E-08	1.57E-03	1.52E-06	1.16E-03	0.00E+00	9.25E-01	2.64E-09	9.25E-01	9.17E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
ND263P	2.67E-03	7.53E-02	0.00E+00	7.53E-02	0.00E+00	0.00E+00	4.34E-02	2.52E-08	5.70E-04	6.02E-03	0.00E+00	0.00E+00	1.08E-12	2.46E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.52E-06	2.18E-03	9.25E-01	0.00E+00	9.28E-11	1.36E-08	1.59E-03	1.52E-06	1.16E-03	0.00E+00	9.25E-01	2.65E-09	9.25E-01	9.17E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
ND306P	3.55E-03	7.68E-02	0.00E+00	7.68E-02	0.00E+00	0.00E+00	4.96E-02	2.68E-08	6.80E-04	7.28E-03	0.00E+00	0.00E+00	1.34E-12	2.59E-11	1.77E-04	0.00E+00	0.00E+00	0.00E+00	6.49E-06	2.52E-03	9.65E-01	0.00E+00	1.04E-10	1.72E-08	1.91E-03	1.78E-06	1.29E-03	0.00E+00	9.65E-01	2.76E-09	9.65E-01	1.05E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
ND310P	3.54E-03	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.04E-02	2.74E-08	6.82E-04	7.27E-03	0.00E+00	0.00E+00	1.35E-12	2.62E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.61E-06	2.57E-03	9.89E-01	0.00E+00	1.07E-10	1.71E-08	1.91E-03	1.82E-06	1.32E-03	0.00E+00	9.89E-01	2.83E-09	9.89E-01	1.07E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
ND316P	3.68E-03	7.90E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	5.11E-02	2.77E-08	7.05E-04	7.51E-03	0.00E+00	0.00E+00	1.38E-12	2.66E-11	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.70E-06	2.59E-03	9.93E-01	0.00E+00	1.07E-10	1.77E-08	1.97E-03	1.84E-06	1.33E-03	0.00E+00	9.93E-01	2.85E-09	9.93E-01	1.08E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
ND320P	3.68E-03	8.04E-02	0.00E+00	8.04E-02	0.00E+00	0.00E+00	5.30E-02	2.88E-08	7.07E-04	7.54E-03	0.00E+00	0.00E+00	1.41E-12	2.72E-11	1.91E-04	0.00E+00	0.00E+00	0.00E+00	6.94E-06	2.67E-03	1.02E+00	0.00E+00	1.11E-10	1.78E-08	1.98E-03	1.89E-06	1.39E-03	0.00E+00	1.02E+00	2.95E-09	1.02E+00	1.12E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
ND325P	3.71E-03	8.07E-02	0.00E+00	8.07E-02	0.00E+00	0.00E+00	5.33E-02	2.89E-08	7.12E-04	7.59E-03	0.00E+00	0.00E+00	1.42E-12	2.73E-11	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.96E-06	2.68E-03	1.02E+00	0.00E+00	1.12E-10	1.79E-08	1.99E-03	1.90E-06	1.40E-03	0.00E+00	1.02E+00	2.96E-09	1.02E+00	1.12E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
ND332P	3.69E-03	8.28E-02	0.00E+00	8.28E-02	0.00E+00	0.00E+00	5.45E-02	3.00E-08	7.09E-04	7.58E-03	0.00E+00	0.00E+00	1.45E-12	2.83E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.19E-06	2.80E-03	1.08E+00	0.00E+00	1.15E-10	1.78E-08	1.99E-03	1.96E-06	1.48E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.16E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
ND340P	3.69E-03	8.31E-02	0.00E+00	8.31E-02	0.00E+00	0.00E+00	5.47E-02	3.02E-08	7.09E-04	7.58E-03	0.00E+00	0.00E+00	1.46E-12	2.84E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.21E-06	2.81E-03	1.09E+00	0.00E+00	1.16E-10	1.78E-08	1.99E-03	1.97E-06	1.49E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.17E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
ND350P	3.69E-03	8.32E-02	0.00E+00	8.32E-02	0.00E+00	0.00E+00	5.47E-02	3.02E-08	7.09E-04	7.58E-03	0.00E+00	0.00E+00	1.46E-12	2.84E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.21E-06	2.81E-03	1.09E+00	0.00E+00	1.16E-10	1.78E-08	1.99E-03	1.97E-06	1.49E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.17E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
ND363P	3.69E-03	8.32E-02	0.00E+00	8.32E-02	0.00E+00	0.00E+00	5.47E-02	3.02E-08	7.09E-04	7.58E-03	0.00E+00	0.00E+00	1.46E-12	2.84E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.21E-06	2.81E-03	1.09E+00	0.00E+00	1.16E-10	1.78E-08	1.99E-03	1.97E-06	1.49E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.17E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
ND416P	3.72E-03	9.73E-02	0.00E+00	9.73E-02	0.00E+00	0.00E+00	6.25E-02	3.52E-08	7.22E-04	8.35E-03	0.00E+00	0.00E+00	1.59E-12	3.29E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.05E-06	3.24E-03	1.30E+00	0.00E+00	1.39E-10	1.79E-08	2.09E-03	2.20E-06	1.76E-03	0.00E+00	1.30E+00	3.74E-09	1.30E+00	1.28E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
ND425P	3.72E-03	9.84E-02	0.00E+00	9.84E-02	0.00E+00	0.00E+00	6.32E-02	3.56E-08	7.24E-04	8.36E-03	0.00E+00	0.00E+00	1.62E-12	3.32E-11	2.26E-04	0.00E+00	0.00E+00	0.00E+00	8.16E-06	3.28E-03	1.32E+00	0.00E+00	1.41E-10	1.79E-08	2.09E-03	2.24E-06	1.78E-03	0.00E+00	1.32E+00	3.78E-09	1.32E+00	1.30E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
ND440P	3.72E-03	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	6.50E-02	3.68E-08	7.29E-04	8.41E-03	0.00E+00	0.00E+00	1.68E-12	3.42E-11	2.34E-04	0.00E+00	0.00E+00	0.00E+00	8.48E-06	3.40E-03	1.36E+00	0.00E+00	1.47E-10	1.80E-08	2.10E-03	2.35E-06	1.83E-03	0.00E+00	1.36E+00	3.91E-09	1.36E+00	1.35E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
ND450P	3.72E-03	1.02E-01	0.00E+00	1.02E-01	0.00E+00	0.00E+00	6.52E-02	3.69E-08	7.29E-04	8.41E-03	0.00E+00	0.00E+00	1.69E-12	3.43E-11	2.35E-04	0.00E+00	0.00E+00	0.00E+00	8.50E-06	3.41E-03	1.37E+00	0.00E+00	1.47E-10	1.80E-08	2.10E-03	2.36E-06	1.84E-03	0.00E+00	1.37E+00	3.92E-09	1.37E+00	1.35E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
NDN016	1.24E-04	1.96E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.28E-02	7.36E-09	5.82E-05	6.39E-04	0.00E+00	0.00E+00	3.45E-13	6.67E-12	4.78E-05	0.00E+00	0.00E+00	0.00E+00	1.73E-06	6.88E-04	2.74E-01	0.00E+00	3.01E-11	1.01E-09	1.61E-04	4.90E-07	3.65E-04	0.00E+00	2.74E-01	7.72E-10	2.74E-01	2.74E-01	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-05
NDN020	1.32E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.36E-02	7.79E-09	6.16E-05	6.76E-04	0.00E+00	0.00E+00	3.65E-13	7.06E-12	5.06E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.29E-04	2.90E-01	0.00E+00	3.18E-11	1.07E-09	1.71E-04	5.19E-07	3.87E-04	0.00E+00	2.90E-01	8.17E-10	2.90E-01	2.90E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05
NDN032	1.38E-04	2.18E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.43E-02	8.19E-09	6.48E-05	7.11E-04	0.00E+00	0.00E+00	3.84E-13	7.42E-12	5.32E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-06	7.67E-04	3.05E-01	0.00E+00	3.35E-11	1.12E-09	1.79E-04	5.46E-07	4.07E-04	0.00E+00	3.05E-01	8.60E-10	3.05E-01	3.05E-01	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
NDN101A	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.30E-02	7.42E-09	5.94E-05	6.52E-04	0.00E+00	0.00E+00	3.47E-13	6.80E-12	4.82E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-06	6.94E-04	2.79E-01	0.00E+00	3.03E-11	1.02E-09	1.64E-04	4.94E-07	3.68E-04	0.00E+00	2.79E-01	7.87E-10	2.79E-01	2.76E-01	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05
NDN120A	1.30E-04	2.05E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.34E-02	7.68E-09	6.08E-05	6.67E-04	0.00E+00	0.00E+00	3.60E-13	6.96E-12	4.99E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-06	7.19E-04	2.86E-01	0.00E+00	3.14E-11	1.06E-09	1.68E-04	5.12E-07	3.81E-04	0.00E+00	2.86E-01	8.07E-10	2.86E-01	2.86E-01	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05
NDN140A	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.61E-05	7.25E-04	0.00E+00	0.00E+00	3.91E-13	7.57E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.56E-07	4.14E-04	0.00E+00	3.10E-01	8.76E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05
NDN150	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.14E-09	6.55E-05	7.18E-04	0.00E+00	0.00E+00	3.81E-13	7.49E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.62E-04	3.07E-01	0.00E+00	3.33E-11	1.12E-09	1.81E-04	5.43E-07	4.04E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-05
NDN163	1.43E-04	2.25E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	1.48E-02	8.47E-09	6.66E-05	7.31E-04	0.00E+00	0.00E+00	3.97E-13	7.63E-12	5.49E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.91E-04	3.14E-01	0.00E+00	3.46E-11	1.16E-09	1.84E-04	5.64E-07	4.20E-04	0.00E+00	3.14E-01	8.85E-10	3.14E-01	3.15E-01	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-05
NDN163A	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-02	8.21E-09	6.50E-05	7.13E-04	0.00E+00	0.00E+00	3.85E-13	7.44E-12	5.33E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.69E-04	3.05E-01	0.00E+00	3.36E-11	1.13E-09	1.80E-04	5.47E-07	4.08E-04	0.00E+00	3.05E-01	8.62E-10	3.05E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-05

NDN201	2.78E-04	4.39E-02	0.00E+00	4.39E-02	0.00E+00	0.00E+00	2.88E-02	1.65E-08	1.30E-04	1.43E-03	0.00E+00	0.00E+00	7.72E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.88E-06	1.54E-03	6.13E-01	0.00E+00	6.73E-11	2.26E-09	3.61E-04	1.10E-06	8.18E-04	0.00E+00	6.13E-01	1.73E-09	6.13E-01	6.14E-01	8.18E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
NDN210	2.54E-04	4.00E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.05E-13	1.36E-11	9.77E-05	0.00E+00	0.00E+00	0.00E+00	3.55E-06	1.41E-03	5.59E-01	0.00E+00	6.15E-11	2.06E-09	3.28E-04	1.00E-06	7.47E-04	0.00E+00	5.59E-01	1.58E-09	5.59E-01	5.60E-01	7.47E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
NDN250	2.85E-04	4.50E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	2.95E-02	1.69E-08	1.34E-04	1.47E-03	0.00E+00	0.00E+00	7.92E-13	1.53E-11	1.10E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-06	1.58E-03	6.29E-01	0.00E+00	6.91E-11	2.32E-09	3.70E-04	1.13E-06	8.39E-04	0.00E+00	6.29E-01	1.77E-09	6.29E-01	6.30E-01	8.39E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04
NDN301A	4.06E-04	6.40E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	4.20E-02	2.40E-08	1.90E-04	2.08E-03	0.00E+00	0.00E+00	1.13E-12	2.18E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-06	2.25E-03	8.95E-01	0.00E+00	9.82E-11	3.30E-09	5.25E-04	1.60E-06	1.19E-03	0.00E+00	8.95E-01	2.52E-09	8.95E-01	8.96E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.44E-04
NDN320A	3.86E-04	6.09E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.99E-02	2.29E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.50E-01	0.00E+00	9.34E-11	3.14E-09	5.01E-04	1.52E-06	1.13E-03	0.00E+00	8.50E-01	2.40E-09	8.50E-01	8.51E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NDN325	3.86E-04	6.09E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.99E-02	2.29E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.50E-01	0.00E+00	9.34E-11	3.14E-09	5.01E-04	1.52E-06	1.13E-03	0.00E+00	8.50E-01	2.40E-09	8.50E-01	8.51E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NDN325A	3.86E-04	6.09E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	3.99E-02	2.29E-08	1.81E-04	1.99E-03	0.00E+00	0.00E+00	1.07E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.39E-06	2.14E-03	8.50E-01	0.00E+00	9.34E-11	3.14E-09	5.01E-04	1.52E-06	1.13E-03	0.00E+00	8.50E-01	2.40E-09	8.50E-01	8.51E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NDN332A	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.11E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NDN340A	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.15E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.11E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NDN350A	4.08E-04	6.44E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	4.22E-02	2.42E-08	1.91E-04	2.10E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.26E-03	9.00E-01	0.00E+00	9.88E-11	3.32E-09	5.30E-04	1.61E-06	1.20E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.01E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NDN363A	4.26E-04	6.71E-02	0.00E+00	6.71E-02	0.00E+00	0.00E+00	4.40E-02	2.52E-08	2.00E-04	2.19E-03	0.00E+00	0.00E+00	1.18E-12	2.29E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-06	2.36E-03	9.38E-01	0.00E+00	1.03E-10	3.46E-09	5.52E-04	1.68E-06	1.25E-03	0.00E+00	9.38E-01	2.65E-09	9.38E-01	9.39E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
NDN410	4.92E-04	8.21E-02	0.00E+00	8.21E-02	0.00E+00	0.00E+00	5.19E-02	3.04E-08	2.48E-04	2.81E-03	0.00E+00	0.00E+00	1.52E-12	2.81E-11	2.06E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.97E-03	1.14E+00	0.00E+00	1.31E-10	4.60E-09	6.87E-04	2.04E-06	1.58E-03	0.00E+00	1.14E+00	3.26E-09	1.14E+00	1.14E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
NDN416	5.16E-04	8.13E-02	0.00E+00	8.13E-02	0.00E+00	0.00E+00	5.33E-02	3.05E-08	2.42E-04	2.65E-03	0.00E+00	0.00E+00	1.43E-12	2.77E-11	1.98E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-06	2.86E-03	1.14E+00	0.00E+00	1.25E-10	4.19E-09	6.69E-04	2.04E-06	1.52E-03	0.00E+00	1.14E+00	3.21E-09	1.14E+00	1.14E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
NDN416A	4.95E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NDN432A	5.63E-04	8.87E-02	0.00E+00	8.87E-02	0.00E+00	0.00E+00	5.82E-02	3.33E-08	2.64E-04	2.89E-03	0.00E+00	0.00E+00	1.56E-12	3.02E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.86E-06	3.12E-03	1.24E+00	0.00E+00	1.36E-10	4.58E-09	7.30E-04	2.22E-06	1.65E-03	0.00E+00	1.24E+00	3.50E-09	1.24E+00	1.24E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NDN440A	5.62E-04	8.85E-02	0.00E+00	8.85E-02	0.00E+00	0.00E+00	5.81E-02	3.33E-08	2.63E-04	2.89E-03	0.00E+00	0.00E+00	1.56E-12	3.01E-11	2.16E-04	0.00E+00	0.00E+00	0.00E+00	7.84E-06	3.11E-03	1.24E+00	0.00E+00	1.36E-10	4.57E-09	7.28E-04	2.22E-06	1.65E-03	0.00E+00	1.24E+00	3.49E-09	1.24E+00	1.24E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NDN450A	5.46E-04	8.61E-02	0.00E+00	8.61E-02	0.00E+00	0.00E+00	5.65E-02	3.23E-08	2.56E-04	2.81E-03	0.00E+00	0.00E+00	1.51E-12	2.93E-11	2.10E-04	0.00E+00	0.00E+00	0.00E+00	7.62E-06	3.03E-03	1.20E+00	0.00E+00	1.32E-10	4.44E-09	7.08E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.39E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
NDN463A	5.67E-04	8.95E-02	0.00E+00	8.95E-02	0.00E+00	0.00E+00	5.87E-02	3.36E-08	2.66E-04	2.92E-03	0.00E+00	0.00E+00	1.57E-12	3.05E-11	2.18E-04	0.00E+00	0.00E+00	0.00E+00	7.92E-06	3.14E-03	1.25E+00	0.00E+00	1.37E-10	4.61E-09	7.36E-04	2.24E-06	1.67E-03	0.00E+00	1.25E+00	3.53E-09	1.25E+00	1.25E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
NEN116	1.32E-04	2.07E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.36E-02	7.79E-09	6.13E-05	6.73E-04	0.00E+00	0.00E+00	3.65E-13	7.02E-12	5.06E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-06	7.29E-04	2.89E-01	0.00E+00	3.18E-11	1.07E-09	1.70E-04	5.19E-07	3.87E-04	0.00E+00	2.89E-01	8.14E-10	2.89E-01	2.90E-01	3.87E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-05
NEN220	2.72E-04	4.28E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.81E-02	1.61E-08	1.28E-04	1.41E-03	0.00E+00	0.00E+00	7.53E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.50E-03	6.00E-01	0.00E+00	6.57E-11	2.21E-09	3.54E-04	1.07E-06	7.98E-04	0.00E+00	6.00E-01	1.69E-09	6.00E-01	5.99E-01	7.98E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NEN450	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
NF100A	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.37E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.92E-13	7.54E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.84E-04	3.10E-01	0.00E+00	3.42E-11	1.15E-09	1.82E-04	5.58E-07	4.16E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
NF101A	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.24E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.86E-13	7.52E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.48E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.07E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
NF102A	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.91E-13	7.55E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.10E-01	8.74E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
NF103A	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.31E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.89E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.78E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.54E-07	4.12E-04	0.00E+00	3.09E-01	8.72E-10	3.09E-01	3.10E-01	4.12E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-05
NF104A	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.38E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.93E-13	7.56E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.84E-04	3.10E-01	0.00E+00	3.43E-11	1.15E-09	1.82E-04	5.59E-07	4.16E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
NF106A	1.22E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.26E-02	7.24E-09	5.73E-05	6.29E-04	0.00E+00	0.00E+00	3.39E-13	6.56E-12	4.70E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.77E-04	2.69E-01	0.00E+00	2.96E-11	9.94E-10	1.59E-04	4.82E-07	3.59E-04	0.00E+00	2.69E-01	7.60E-10	2.69E-01	2.70E-01	3.59E-04	0.00E+00	0.00E+00	0.00E+00	7.33E-05
NF110A	1.23E-04	1.93E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.27E-02	7.25E-09	5.76E-05	6.32E-04	0.00E+00	0.00E+00	3.40E-13	6.60E-12	4.71E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-06	6.79E-04	2.71E-01	0.00E+00	2.96E-11	9.96E-10	1.59E-04	4.84E-07	3.60E-04	0.00E+00	2.71E-01	7.64E-10	2.71E-01	2.70E-01	3.60E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-05
NF116A	1.25E-04	1.97E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.29E-02	7.40E-09	5.87E-05	6.44E-04	0.00E+00	0.00E+00	3.47E-13	6.73E-12	4.80E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-06	6.92E-04	2.76E-01	0.00E+00	3.02E-11	1.02E-09	1.62E-04	4.93E-07	3.67E-04	0.00E+00	2.76E-01	7.78E-10	2.76E-01	2.76E-01	3.67E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05
NF120A	1.27E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.50E-09	5.94E-05	6.51E-04	0.00E+00	0.00E+00	3.51E-13	6.80E-12	4.87E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.02E-04	2.79E-01	0.00E+00	3.07E-11	1.03E-09	1.64E-04	5.00E-07	3.72E-04	0.00E+00	2.79E-01	7.88E-10	2.79E-01	2.79E-01	3.72E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-05
NF125A	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.56E-09	6.00E-05	6.58E-04	0.00E+00	0.00E+00	3.54E-13	6.86E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.07E-04	2.82E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.75E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.81E-01	3.75E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
NF132A	1.39E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.24E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.86E-13	7.52E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.70E-04	3.08E-01	0.00E+00	3.36E-11	1.13E-09	1.82E-04	5.48E-07	4.08E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.07E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.38E-05
NF140A	1.41E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.32E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.90E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.79E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-05
NF150A	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.91E-13	7.55E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.10E-01	8.74E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05
NF163A	1.49E-04	2.35E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.54E-02	8.83E-09	6.94E-05	7.61E-04	0.00E+00	0.00E+00	4.13E-13	7.97E-12	5.73E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-06	8.26E-04	3.27E-01	0.00E+00	3.61E-11	1.21E-09	1.92E-04	5.88E-07	4.38E-04	0.00E+00	3.27E-01	9.24E-10	3.27E-01	3.29E-01	4.38E-04	0.00E+00	0.00E+00	0.00E+00	8.92E-05
NF200A	2.76E-04	4.36E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.86E-02	1.64E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.66E-13	1.48E-11	1.06E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-06	1.53E-03	6.09E-01	0.00E+00	6.69E-11	2.25E-09	3.58E-04	1.09E-06	8.12E-04	0.00E+00	6.09E-01	1.72E-09	6.09E-01	6.09E-01	8.12E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
NF201A	2.87E-04	4.53E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	2.99E-02	1.70E-08	1.34E-04	1.48E-03	0.00E+00	0.00E+00	8.02E-13	1.54E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.61E-03	6.33E-01	0.00E+00	7.03E-11	2.33E-09	3.72E-04	1.15E-06	8.46E-04	0.00E+00	6.33E-01	1.79E-09	6.33E-01	6.34E-01	8.46E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
NF202A	2.80E-04	4.42E-02	0.00E+00	4.42E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.30E-04	1.42E-03	0.00E+00	0.00E+00	7.79E-13	1.50E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.15E-01	0.00E+00	6.79E-11	2.28E-09	3.59E-04	1.11E-06	8.25E-04	0.00E+00	6.15E-01	1.74E-09	6.15E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
NF203A	2.72E-04	4.28E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.81E-02	1.61E-08	1.28E-04	1.41E-03	0.00E+00	0.00E+00	7.53E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.79E-06	1.50E-03	6.00E-01	0.00E+00	6.57E-11	2.21E-09	3.54E-04	1.07E-06	7.98E-04	0.00E+00	6.00E-01	1.69E-09	6.00E-01	5.99E-01	7.98E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NF204A	2.79E-04	4.41E-02	0.00E+00	4.41E-02	0.00E+00	0.00E+00	2.89E-02	1.65E-08	1.29E-04	1.42E-03	0.00E+00	0.00E+00	7.75E-13	1.49E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-06	1.55E-03	6.12E-01	0.00E+00	6.76E-11	2.27E-09	3.58E-04	1.10E-06	8.21E-04	0.00E+00	6.12E-01	1.73E-09	6.12E-01	6.16E-01	8.21E-04	0.00E+00	0.00E+00	0.00E+00	1.67E-04
NF206A	2.42E-04	3.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.51E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.73E-13	1.30E-11	9.33E-05	0.00E+00	0.00E+00	0.00E+00	3.39E-06	1.34E-03	5.34E-01	0.00E+00	5.87E-11	1.97E-09	3.15E-04	9.58E-07	7.13E-04	0.00E+00	5.34E-01	1.51E-09	5.34E-01	5.35E-01	7.13E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NF210A	2.44E-04	3.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.52E-02	1.44E-08	1.14E-04	1.25E-03	0.00E+00	0.00E+00	6.76E-13	1.31E-11	9.37E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-06	1.35E-03	5.36E-01	0.00E+00	5.90E-11	1.98E-09	3.16E-04	9.62E-07	7.16E-04	0.00E+00	5.36E-01	1.51E-09	5.36E-01	5.37E-01	7.16E-04	0.00E+00	0.00E+00	0.00E+00	1.46E-04
NF216A	2.52E-04	3.97E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.60E-02	1.49E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	6.99E-13	1.35E-11	9.68E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.55E-01	0.00E+00	6.10E-11	2.05E-09	3.27E-04	9.94E-07	7.40E-04	0.00E+00	5.55E-01	1.57E-09	5.55E-01	5.55E-01	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
NF220A	2.53E-04	3.99E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	2.62E-02	1.50E-08	1.19E-04	1.30E-03	0.00E+00	0.00E+00	7.04E-13	1.36E-11	9.75E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-06	1.41E-03	5.58E-01	0.00E+00	6.14E-11	2.06E-09	3.28E-04	1.00E-06	7.45E-04	0.00E+00	5.58E-01	1.57E-09	5.58E-01	5.59E-01	7.45E-04	0.00E+00	0.00E+00	0.00E+00	1.52E-04
NF225A	2.51E-04	3.95E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	2.60E-02	1.49E-08	1.17E-04	1.29E-03	0.00E+00	0.00E+00	7.01E-13	1.34E-11	9.71E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-06	1.40E-03	5.54E-01	0.00E+00	6.11E-11	2.04E-09	3.25E-04	9.97E-07	7.42E-04	0.00E+00	5.54E-01	1.56E-09	5.54E-01	5.54E-01	7.42E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-04
NF232A	2.72E-04	4.27E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.80E-02	1.61E-08	1.28E-04	1.40E-03	0.00E+00	0.00E+00	7.52E-13	1.46E-11	1.04E-04	0.00E+00	0.00E+00	0.00E+00	3.78E-06	1.50E-03	6.00E-01	0.00E+00	6.56E-11	2.20E-09	3.54E-04	1.07E-06	7.97E-04	0.00E+00	6.00E-01	1.69E-09	6.00E-01	5.98E-01	7.97E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04
NF240A	2.71E-04	4.30E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	2.86E-02	1.63E-08	1.27E-04	1.40E-03	0.00E+00	0.00E+00	7.74E-13	1.47E-11	1.07E-04	0.00E+00	0.00E+00	0.00E+00	3.89E-06	1.55E-03	6.07E-01	0.00E+00	6.78E-11	2.20E-09	3.52E-04	1.11E-06	8.13E-04	0.00E+00	6.07E-01	1.71E-09	6.07E-01	6.07E-01	8.13E-04	0.00E+00	0.00E+00	0.00E+00	1.66E-04
NF250A	2.92E-04	4.61E-02	0.00E+00	4.61E-02	0.00E+00	0.00E+00	3.02E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.11E-13	1.57E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-06	1.62E-03	6.44E-01	0.00E+00	7.07E-11	2.38E-09	3.78E-04	1.15E-06	8.59E-04	0.00E+00	6.44E-01	1.82E-09	6.44E-01	6.45E-01	8.59E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04
NF263A	2.93E-04	4.62E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	3.03E-02	1.73E-08	1.37E-04	1.50E-03	0.00E+00	0.00E+00	8.13E-13	1.57E-11	1.13E-04	0.00E+00	0.00E+00	0.00E+00	4.09E-06	1.62E-03	6.45E-01	0.00E+00	7.09E-11	2.38E-09	3.79E-04	1.16E-06	8.61E-04	0.00E+00	6.45E-01	1.82E-09	6.45E-01	6.46E-01	8.61E-04	0.00E+00	0.00E+00	0.00E+00	1.76E-04
NF300A	4.17E-04	6.53E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.28E-02	2.45E-08	1.94E-04	2.12E-03	0.00E+00	0.00E+00	1.15E-12	2.22E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-06	2.30E-03	9.11E-01	0.00E+00	1.00E-10	3.37E-09	5.35E-04	1.63E-06	1.22E-03	0.00E+00	9.11E-01	2.57E-09	9.11E-01	9.14E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
NF301A	4.17E-04	6.53E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.28E-02	2.45E-08	1.94E-04	2.12E-03	0.00E+00	0.00E+00	1.15E-12	2.22E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-06	2.30E-03	9.11E-01	0.00E+00	1.00E-10	3.37E-09	5.35E-04	1.63E-06	1.22E-03	0.00E+00	9.11E-01	2.57E-09	9.11E-01	9.14E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
NF302A	4.15E-04	6.55E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.30E-02	2.46E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.30E-03	9.15E-01	0.00E+00	1.01E-10	3.38E-09	5.39E-04	1.64E-06	1.22E-03	0.00E+00	9.15E-01	2.58E-09	9.15E-01	9.16E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
NF303A	4.05E-04	6.38E-02	0.00E+00	6.38E-02	0.00E+00	0.00E+00	4.18E-02	2.40E-08	1.89E-04	2.08E-03	0.00E+00	0.00E+00	1.12E-12	2.17E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.24E-03	8.91E-01	0.00E+00	9.79E-11	3.29E-09	5.24E-04	1.60E-06	1.19E-03	0.00E+00	8.91E-01	2.51E-09	8.91E-01	8.92E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
NF304A	4.17E-04	6.53E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.28E-02	2.45E-08	1.94E-04	2.12E-03	0.00E+00	0.00E+00	1.15E-12	2.22E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-06	2.30E-03	9.11E-01	0.00E+00	1.00E-10	3.37E-09	5.35E-04	1.63E-06	1.22E-03	0.00E+00	9.11E-01	2.57E-09	9.11E-01	9.14E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
NF306A	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.06E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
NF310A	3.65E-04	5.76E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	3.78E-02	2.16E-08	1.71E-04	1.87E-03	0.00E+00	0.00E+00	1.01E-12	1.96E-11	1.40E-04	0.00E+00	0.00E+00	0.00E+00	5.10E-06	2.02E-03	8.03E-01	0.00E+00	8.84E-11	2.97E-09	4.72E-04	1.44E-06	1.07E-03	0.00E+00	8.03E-01	2.27E-09	8.03E-01	8.05E-01	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.19E-04
NF316A	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.65E-04	1.80E-03	0.00E+00	0.00E+00	9.71E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.72E-01	0.00E+00	8.47E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.72E-01	2.18E-09	7.72E-01	7.72E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
NF320A	3.50E-04	5.52E-02	0.00E+00	5.52E-02	0.00E+00	0.00E+00	3.62E-02	2.07E-08	1.65E-04	1.81E-03	0.00E+00	0.00E+00	9.72E-13	1.88E-11	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-06	1.94E-03	7.73E-01	0.00E+00	8.48E-11	2.85E-09	4.55E-04	1.38E-06	1.03E-03	0.00E+00	7.73E-01	2.18E-09	7.73E-01	7.73E-01	1.03E-03	0.00E+00	0.00E+00	0.00E+00	2.10E-04
NF325A	3.82E-04	6.03E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.95E-02	2.26E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-06	2.12E-03	8.42E-01	0.00E+00	9.25E-11	3.11E-09	4.96E-04	1.51E-06	1.12E-03	0.00E+00	8.42E-01	2.38E-09	8.42E-01	8.43E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.29E-04
NF332A	4.19E-04	6.59E-02	0.00E+00	6.59E-02	0.00E+00	0.00E+00	4.32E-02	2.48E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.24E-11	1.61E-04	0.00E+00	0.00E+00	0.00E+00	5.83E-06	2.31E-03	9.21E-01	0.00E+00	1.01E-10	3.39E-09	5.40E-04	1.65E-06	1.23E-03	0.00E+00	9.21E-01	2.60E-09	9.21E-01	9.22E-01	1.23E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
NF340A	4.20E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.87E-06	2.33E-03	9.23E-01	0.00E+00	1.02E-10	3.42E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.23E-01	2.60E-09	9.23E-01	9.27E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.51E-04
NF350A	4.37E-04	6.89E-02	0.00E+00	6.89E-02	0.00E+00	0.00E+00	4.52E-02	2.59E-08	2.05E-04	2.25E-03	0.00E+00	0.00E+00	1.21E-12	2.34E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.10E-06	2.42E-03	9.62E-01	0.00E+00	1.06E-10	3.55E-09	5.67E-04	1.73E-06	1.28E-03	0.00E+00	9.62E-01	2.72E-09	9.62E-01	9.64E-01	1.28E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
NF363A	4.50E-04	7.10E-02	0.00E+00	7.10E-02	0.00E+00	0.00E+00	4.66E-02	2.67E-08	2.10E-04	2.31E-03	0.00E+00	0.00E+00	1.25E-12	2.41E-11	1.73E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-06	2.50E-03	9.90E-01	0.00E+00	1.09E-10	3.66E-09	5.82E-04	1.78E-06	1.32E-03	0.00E+00	9.90E-01	2.79E-09	9.90E-01	9.93E-01	1.32E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
NF400A	5.30E-04	8.35E-02	0.00E+00	8.35E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.87E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.29E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
NF401A	5.42E-04	8.55E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	5.61E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.57E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.04E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.20E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
NF402A	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
NF403A	5.30E-04	8.35E-02	0.00E+00	8.35E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.87E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.29E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
NF404A	5.30E-04	8.35E-02	0.00E+00	8.35E-02	0.00E+00	0.00E+00	5.48E-02	3.14E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.84E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.40E-06	2.94E-03	1.17E+00	0.00E+00	1.28E-10	4.31E-09	6.87E-04	2.09E-06	1.56E-03	0.00E+00	1.17E+00	3.29E-09	1.17E+00	1.17E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
NF406A	4.84E-04	7.71E-02	0.00E+00	7.71E-02	0.00E+00	0.00E+00	5.03E-02	2.88E-08	2.44E-04	2.67E-03	0.00E+00	0.00E+00	1.37E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	3.94E-09	6.29E-04	1.92E-06	1.45E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NF410A	4.83E-04	7.62E-02	0.00E+00	7.62E-02	0.00E+00	0.00E+00	5.00E-02	2.86E-08	2.27E-04	2.49E-03	0.00E+00	0.00E+00	1.34E-12	2.60E-11	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-06	2.68E-03	1.07E+00	0.00E+00	1.17E-10	3.93E-09	6.28E-04	1.91E-06	1.42E-03	0.00E+00	1.07E+00	3.01E-09	1.07E+00	1.07E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	2.90E-04
NF416A	4.84E-04	7.71E-02	0.00E+00	7.71E-02	0.00E+00	0.00E+00	5.03E-02	2.88E-08	2.44E-04	2.67E-03	0.00E+00	0.00E+00	1.37E-12	2.64E-11	1.89E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.72E-03	1.08E+00	0.00E+00	1.19E-10	3.94E-09	6.29E-04	1.92E-06	1.45E-03	0.00E+00	1.08E+00	3.05E-09	1.08E+00	1.08E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
NF420A	4.84E-04	8.12E-02	0.00E+00	8.12E-02	0.00E+00	0.00E+00	5.15E-02	3.01E-08	2.45E-04	2.77E-03	0.00E+00	0.00E+00	1.51E-12	2.77E-11	2.04E-04	0.00E+00	0.00E+00	0.00E+00	7.34E-06	2.95E-03	1.13E+00	0.00E+00	1.30E-10	4.54E-09	6.78E-04	2.03E-06	1.57E-03	0.00E+00	1.13E+00	3.23E-09	1.13E+00	1.13E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
NF425A	5.03E-04	8.24E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	5.24E-02	3.00E-08	2.36E-04	2.68E-03	0.00E+00	0.00E+00	1.45E-12	2.73E-11	1.97E-04	0.00E+00	0.00E+00	0.00E+00	7.20E-06	2.88E-03	1.12E+00	0.00E+00	1.25E-10	4.49E-09	7.00E-04	2.00E-06	1.52E-03	0.00E+00	1.12E+00	3.21E-09	1.12E+00	1.13E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
NF432A	5.52E-04	8.68E-02	0.00E+00	8.68E-02	0.00E+00	0.00E+00	5.69E-02	3.26E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.53E-12	2.95E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.48E-09	7.14E-04	2.17E-06	1.62E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.21E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
NF440A	5.44E-04	8.57E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	5.62E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
NF450A	5.77E-04	9.10E-02	0.00E+00	9.10E-02	0.00E+00	0.00E+00	5.97E-02	3.42E-08	2.71E-04	2.97E-03	0.00E+00	0.00E+00	1.60E-12	3.10E-11	2.22E-04	0.00E+00	0.00E+00	0.00E+00	8.06E-06	3.20E-03	1.27E+00	0.00E+00	1.40E-10	4.69E-09	7.49E-04	2.28E-06	1.70E-03	0.00E+00	1.27E+00	3.59E-09	1.27E+00	1.27E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
NF463A	5.84E-04	9.20E-02	0.00E+00	9.20E-02	0.00E+00	0.00E+00	6.04E-02	3.46E-08	2.73E-04	3.00E-03	0.00E+00	0.00E+00	1.62E-12	3.13E-11	2.24E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-06	3.23E-03	1.28E+00	0.00E+00	1.41E-10	4.75E-09	7.56E-04	2.30E-06	1.72E-03	0.00E+00	1.28E+00	3.62E-09	1.28E+00	1.29E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	3.50E-04
NFN113	1.27E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.53E-09	6.00E-05	6.59E-04	0.00E+00	0.00E+00	3.53E-13	6.88E-12	4.89E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.04E-04	2.82E-01	0.00E+00	3.08E-11	1.03E-09	1.66E-04	5.02E-07	3.74E-04	0.00E+00	2.82E-01	7.96E-10	2.82E-01	2.80E-01	3.74E-04	0.00E+00	0.00E+00	0.00E+00	7.68E-05
NFN132	1.44E-04	2.27E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.49E-02	8.51E-09	6.74E-05	7.39E-04	0.00E+00	0.00E+00	3.99E-13	7.72E-12	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	7.97E-04	3.17E-01	0.00E+00	3.48E-11	1.17E-09	1.86E-04	5.67E-07	4.22E-04	0.00E+00	3.17E-01	8.93E-10	3.17E-01	3.17E-01	4.22E-04	0.00E+00	0.00E+00	0.00E+00	8.62E-05
NFN140	1.44E-04	2.28E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.49E-02	8.55E-09	6.76E-05	7.42E-04	0.00E+00	0.00E+00	4.00E-13	7.75E-12	5.55E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-06	8.00E-04	3.18E-01	0.00E+00	3.49E-11	1.17E-09	1.87E-04	5.70E-07	4.24E-04	0.00E+00	3.18E-01	8.97E-10	3.18E-01	3.18E-01	4.24E-04	0.00E+00	0.00E+00	0.00E+00	8.65E-05
NFN150	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.91E-13	7.55E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.81E-04	3.10E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.10E-01	8.74E-10	3.10E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.44E-05

NFN163	1.47E-04	2.31E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	1.52E-02	8.68E-09	6.87E-05	7.53E-04	0.00E+00	0.00E+00	4.07E-13	7.87E-12	5.64E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-06	8.12E-04	3.23E-01	0.00E+00	3.55E-11	1.19E-09	1.90E-04	5.78E-07	4.31E-04	0.00E+00	3.23E-01	9.11E-10	3.23E-01	3.23E-01	4.31E-04	0.00E+00	0.00E+00	0.00E+00	8.79E-05
NFN206	2.64E-04	4.16E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	2.73E-02	1.56E-08	1.24E-04	1.36E-03	0.00E+00	0.00E+00	7.32E-13	1.42E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.68E-06	1.46E-03	5.81E-01	0.00E+00	6.38E-11	2.14E-09	3.42E-04	1.04E-06	7.75E-04	0.00E+00	5.81E-01	1.64E-09	5.81E-01	5.82E-01	7.75E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NFN210	2.46E-04	3.88E-02	0.00E+00	3.88E-02	0.00E+00	0.00E+00	2.55E-02	1.46E-08	1.15E-04	1.27E-03	0.00E+00	0.00E+00	6.83E-13	1.32E-11	9.47E-05	0.00E+00	0.00E+00	0.00E+00	3.44E-06	1.36E-03	5.42E-01	0.00E+00	5.96E-11	2.00E-09	3.19E-04	9.72E-07	7.24E-04	0.00E+00	5.42E-01	1.53E-09	5.42E-01	5.43E-01	7.24E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
NFN220	2.64E-04	4.16E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	2.73E-02	1.56E-08	1.24E-04	1.36E-03	0.00E+00	0.00E+00	7.33E-13	1.42E-11	1.02E-04	0.00E+00	0.00E+00	0.00E+00	3.69E-06	1.46E-03	5.82E-01	0.00E+00	6.39E-11	2.15E-09	3.42E-04	1.04E-06	7.76E-04	0.00E+00	5.82E-01	1.64E-09	5.82E-01	5.82E-01	7.76E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04
NFN225	2.62E-04	4.13E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.71E-02	1.55E-08	1.23E-04	1.35E-03	0.00E+00	0.00E+00	7.27E-13	1.41E-11	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.66E-06	1.45E-03	5.77E-01	0.00E+00	6.34E-11	2.13E-09	3.40E-04	1.03E-06	7.70E-04	0.00E+00	5.77E-01	1.63E-09	5.77E-01	5.78E-01	7.70E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04
NFN232	2.81E-04	4.43E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	2.90E-02	1.66E-08	1.32E-04	1.44E-03	0.00E+00	0.00E+00	7.79E-13	1.51E-11	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.92E-06	1.56E-03	6.19E-01	0.00E+00	6.80E-11	2.28E-09	3.64E-04	1.11E-06	8.25E-04	0.00E+00	6.19E-01	1.75E-09	6.19E-01	6.19E-01	8.25E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04
NFN240	2.88E-04	4.55E-02	0.00E+00	4.55E-02	0.00E+00	0.00E+00	2.98E-02	1.71E-08	1.35E-04	1.48E-03	0.00E+00	0.00E+00	8.00E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.02E-06	1.60E-03	6.35E-01	0.00E+00	6.98E-11	2.34E-09	3.74E-04	1.14E-06	8.47E-04	0.00E+00	6.35E-01	1.79E-09	6.35E-01	6.36E-01	8.47E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04
NFN250	2.89E-04	4.56E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.99E-02	1.71E-08	1.36E-04	1.49E-03	0.00E+00	0.00E+00	8.03E-13	1.55E-11	1.11E-04	0.00E+00	0.00E+00	0.00E+00	4.04E-06	1.60E-03	6.37E-01	0.00E+00	7.00E-11	2.35E-09	3.75E-04	1.14E-06	8.51E-04	0.00E+00	6.37E-01	1.80E-09	6.37E-01	6.38E-01	8.51E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
NFN263	2.91E-04	4.59E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	3.01E-02	1.72E-08	1.36E-04	1.50E-03	0.00E+00	0.00E+00	8.07E-13	1.56E-11	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-06	1.61E-03	6.41E-01	0.00E+00	7.04E-11	2.37E-09	3.77E-04	1.15E-06	8.55E-04	0.00E+00	6.41E-01	1.81E-09	6.41E-01	6.42E-01	8.55E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04
NFN302	4.07E-04	6.42E-02	0.00E+00	6.42E-02	0.00E+00	0.00E+00	4.21E-02	2.41E-08	1.90E-04	2.09E-03	0.00E+00	0.00E+00	1.13E-12	2.18E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.26E-03	8.99E-01	0.00E+00	9.86E-11	3.31E-09	5.27E-04	1.61E-06	1.20E-03	0.00E+00	8.99E-01	2.53E-09	8.99E-01	8.99E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NFN310	3.75E-04	5.91E-02	0.00E+00	5.91E-02	0.00E+00	0.00E+00	3.88E-02	2.22E-08	1.76E-04	1.93E-03	0.00E+00	0.00E+00	1.04E-12	2.01E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.23E-06	2.08E-03	8.26E-01	0.00E+00	9.07E-11	3.05E-09	4.86E-04	1.48E-06	1.10E-03	0.00E+00	8.26E-01	2.33E-09	8.26E-01	8.27E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.25E-04
NFN320	4.09E-04	6.44E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	4.23E-02	2.42E-08	1.92E-04	2.10E-03	0.00E+00	0.00E+00	1.13E-12	2.19E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.26E-03	9.00E-01	0.00E+00	9.89E-11	3.32E-09	5.30E-04	1.61E-06	1.20E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.01E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NFN325	4.12E-04	6.50E-02	0.00E+00	6.50E-02	0.00E+00	0.00E+00	4.26E-02	2.44E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.14E-12	2.21E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-06	2.29E-03	9.08E-01	0.00E+00	9.98E-11	3.35E-09	5.35E-04	1.63E-06	1.21E-03	0.00E+00	9.08E-01	2.56E-09	9.08E-01	9.09E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NFN350	4.33E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
NFN363	4.33E-04	6.83E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	4.48E-02	2.56E-08	2.03E-04	2.23E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.67E-04	0.00E+00	0.00E+00	0.00E+00	6.04E-06	2.40E-03	9.54E-01	0.00E+00	1.05E-10	3.52E-09	5.62E-04	1.71E-06	1.27E-03	0.00E+00	9.54E-01	2.69E-09	9.54E-01	9.55E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.60E-04
NFN410	4.95E-04	7.80E-02	0.00E+00	7.80E-02	0.00E+00	0.00E+00	5.12E-02	2.93E-08	2.32E-04	2.54E-03	0.00E+00	0.00E+00	1.37E-12	2.65E-11	1.90E-04	0.00E+00	0.00E+00	0.00E+00	6.90E-06	2.74E-03	1.09E+00	0.00E+00	1.20E-10	4.02E-09	6.41E-04	1.95E-06	1.45E-03	0.00E+00	1.09E+00	3.07E-09	1.09E+00	1.09E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
NFN416	5.05E-04	7.96E-02	0.00E+00	7.96E-02	0.00E+00	0.00E+00	5.22E-02	2.99E-08	2.37E-04	2.59E-03	0.00E+00	0.00E+00	1.40E-12	2.71E-11	1.94E-04	0.00E+00	0.00E+00	0.00E+00	7.05E-06	2.80E-03	1.11E+00	0.00E+00	1.22E-10	4.10E-09	6.54E-04	1.99E-06	1.48E-03	0.00E+00	1.11E+00	3.14E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.03E-04
NFN420	5.18E-04	8.17E-02	0.00E+00	8.17E-02	0.00E+00	0.00E+00	5.36E-02	3.07E-08	2.43E-04	2.66E-03	0.00E+00	0.00E+00	1.44E-12	2.78E-11	1.99E-04	0.00E+00	0.00E+00	0.00E+00	7.23E-06	2.87E-03	1.14E+00	0.00E+00	1.25E-10	4.21E-09	6.72E-04	2.04E-06	1.52E-03	0.00E+00	1.14E+00	3.22E-09	1.14E+00	1.14E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	3.11E-04
NFN425	5.28E-04	8.33E-02	0.00E+00	8.33E-02	0.00E+00	0.00E+00	5.46E-02	3.13E-08	2.48E-04	2.72E-03	0.00E+00	0.00E+00	1.47E-12	2.83E-11	2.03E-04	0.00E+00	0.00E+00	0.00E+00	7.37E-06	2.93E-03	1.16E+00	0.00E+00	1.28E-10	4.29E-09	6.85E-04	2.08E-06	1.55E-03	0.00E+00	1.16E+00	3.28E-09	1.16E+00	1.16E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
NFN432	5.51E-04	8.68E-02	0.00E+00	8.68E-02	0.00E+00	0.00E+00	5.69E-02	3.26E-08	2.58E-04	2.83E-03	0.00E+00	0.00E+00	1.53E-12	2.96E-11	2.12E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-06	3.05E-03	1.21E+00	0.00E+00	1.33E-10	4.48E-09	7.14E-04	2.17E-06	1.62E-03	0.00E+00	1.21E+00	3.42E-09	1.21E+00	1.21E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	3.30E-04
NFN450	5.79E-04	9.14E-02	0.00E+00	9.14E-02	0.00E+00	0.00E+00	5.99E-02	3.43E-08	2.72E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.71E-09	7.52E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.60E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
NFN463	5.79E-04	9.14E-02	0.00E+00	9.14E-02	0.00E+00	0.00E+00	5.99E-02	3.43E-08	2.72E-04	2.98E-03	0.00E+00	0.00E+00	1.61E-12	3.11E-11	2.23E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-06	3.21E-03	1.28E+00	0.00E+00	1.40E-10	4.71E-09	7.52E-04	2.29E-06	1.70E-03	0.00E+00	1.28E+00	3.60E-09	1.28E+00	1.28E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	3.47E-04
NFN716	2.50E-04	3.93E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.58E-02	1.48E-08	1.17E-04	1.28E-03	0.00E+00	0.00E+00	6.92E-13	1.34E-11	9.60E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-06	1.38E-03	5.50E-01	0.00E+00	6.04E-11	2.03E-09	3.24E-04	9.85E-07	7.34E-04	0.00E+00	5.50E-01	1.55E-09	5.50E-01	5.50E-01	7.34E-04	0.00E+00	0.00E+00	0.00E+00	1.50E-04
NFT306	3.81E-04	6.26E-02	0.00E+00	6.26E-02	0.00E+00	0.00E+00	4.09E-02	2.34E-08	1.78E-04	1.96E-03	0.00E+00	0.00E+00	1.07E-12	2.13E-11	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.47E-06	2.17E-03	8.68E-01	0.00E+00	9.42E-11	3.09E-09	4.94E-04	1.54E-06	1.15E-03	0.00E+00	8.68E-01	2.45E-09	8.68E-01	8.69E-01	1.15E-03	0.00E+00	0.00E+00	0.00E+00	2.35E-04
NFT310	3.81E-04	6.11E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	4.00E-02	2.30E-08	1.78E-04	1.96E-03	0.00E+00	0.00E+00	1.06E-12	2.09E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.42E-06	2.14E-03	8.54E-01	0.00E+00	9.33E-11	3.09E-09	4.94E-04	1.52E-06	1.14E-03	0.00E+00	8.54E-01	2.41E-09	8.54E-01	8.55E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
NFT316	4.06E-04	6.00E-02	0.00E+00	6.00E-02	0.00E+00	0.00E+00	3.94E-02	2.25E-08	1.78E-04	1.96E-03	0.00E+00	0.00E+00	1.06E-12	2.04E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.11E-03	8.38E-01	0.00E+00	9.21E-11	3.09E-09	4.94E-04	1.50E-06	1.12E-03	0.00E+00	8.38E-01	2.37E-09	8.38E-01	8.39E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
NFT320	4.42E-04	6.55E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.29E-02	2.46E-08	1.95E-04	2.13E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.30E-03	9.14E-01	0.00E+00	1.00E-10	3.38E-09	5.38E-04	1.64E-06	1.22E-03	0.00E+00	9.14E-01	2.58E-09	9.14E-01	9.16E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
NFT325	3.84E-04	6.06E-02	0.00E+00	6.06E-02	0.00E+00	0.00E+00	3.98E-02	2.28E-08	1.80E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.36E-06	2.13E-03	8.45E-01	0.00E+00	9.30E-11	3.12E-09	4.97E-04	1.52E-06	1.13E-03	0.00E+00	8.45E-01	2.39E-09	8.45E-01	8.46E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
NFT332	3.96E-04	6.25E-02	0.00E+00	6.25E-02	0.00E+00	0.00E+00	4.11E-02	2.35E-08	1.85E-04	2.03E-03	0.00E+00	0.00E+00	1.10E-12	2.14E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-06	2.19E-03	8.72E-01	0.00E+00	9.58E-11	3.22E-09	5.13E-04	1.56E-06	1.16E-03	0.00E+00	8.72E-01	2.46E-09	8.72E-01	8.73E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NFT340	4.09E-04	6.45E-02	0.00E+00	6.45E-02	0.00E+00	0.00E+00	4.23E-02	2.42E-08	1.91E-04	2.10E-03	0.00E+00	0.00E+00	1.14E-12	2.20E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.71E-06	2.27E-03	9.00E-01	0.00E+00	9.90E-11	3.33E-09	5.30E-04	1.62E-06	1.20E-03	0.00E+00	9.00E-01	2.54E-09	9.00E-01	9.02E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.45E-04
NFT702	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.15E-09	6.45E-05	7.08E-04	0.00E+00	0.00E+00	3.82E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.79E-04	5.43E-07	4.05E-04	0.00E+00	3.03E-01	8.56E-10	3.03E-01	3.04E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NFT703	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.36E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.91E-13	7.56E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.82E-04	3.09E-01	0.00E+00	3.41E-11	1.15E-09	1.82E-04	5.57E-07	4.15E-04	0.00E+00	3.09E-01	8.74E-10	3.09E-01	3.11E-01	4.15E-04	0.00E+00	0.00E+00	0.00E+00	8.43E-05
NFT704	1.36E-04	2.14E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.41E-02	8.05E-09	6.37E-05	6.99E-04	0.00E+00	0.00E+00	3.77E-13	7.30E-12	5.23E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.54E-04	3.00E-01	0.00E+00	3.29E-11	1.11E-09	1.76E-04	5.37E-07	4.00E-04	0.00E+00	3.00E-01	8.45E-10	3.00E-01	3.00E-01	4.00E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-05
NFT706	1.31E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.76E-09	6.14E-05	6.73E-04	0.00E+00	0.00E+00	3.63E-13	7.03E-12	5.04E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.26E-04	2.88E-01	0.00E+00	3.17E-11	1.06E-09	1.70E-04	5.17E-07	3.85E-04	0.00E+00	2.88E-01	8.14E-10	2.88E-01	2.89E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-05
NFT710	1.46E-04	2.15E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.41E-02	8.09E-09	6.40E-05	7.02E-04	0.00E+00	0.00E+00	3.79E-13	7.33E-12	5.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.57E-04	3.01E-01	0.00E+00	3.30E-11	1.11E-09	1.77E-04	5.39E-07	4.01E-04	0.00E+00	3.01E-01	8.49E-10	3.01E-01	3.01E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-05
NFT716	1.48E-04	2.19E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.44E-02	8.22E-09	6.50E-05	7.14E-04	0.00E+00	0.00E+00	3.85E-13	7.45E-12	5.34E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-06	7.69E-04	3.06E-01	0.00E+00	3.36E-11	1.13E-09	1.80E-04	5.48E-07	4.08E-04	0.00E+00	3.06E-01	8.63E-10	3.06E-01	3.06E-01	4.08E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-05
NFT720	1.38E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.15E-09	6.45E-05	7.08E-04	0.00E+00	0.00E+00	3.82E-13	7.39E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.63E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.79E-04	5.43E-07	4.05E-04	0.00E+00	3.03E-01	8.56E-10	3.03E-01	3.04E-01	4.05E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-05
NFT725	1.50E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.61E-05	7.25E-04	0.00E+00	0.00E+00	3.91E-13	7.57E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.82E-04	3.11E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.11E-01	8.77E-10	3.11E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.46E-05
NFT732	1.53E-04	2.26E-02	0.00E+00	2.26E-02	0.00E+00	0.00E+00	1.48E-02	8.48E-09	6.71E-05	7.37E-04	0.00E+00	0.00E+00	3.97E-13	7.69E-12	5.51E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	7.94E-04	3.16E-01	0.00E+00	3.47E-11	1.16E-09	1.86E-04	5.65E-07	4.21E-04	0.00E+00	3.16E-01	8.90E-10	3.16E-01	3.16E-01	4.21E-04	0.00E+00	0.00E+00	0.00E+00	8.59E-05
NFT740	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.61E-05	7.25E-04	0.00E+00	0.00E+00	3.91E-13	7.57E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.82E-04	3.11E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.11E-01	8.77E-10	3.11E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.46E-05
NFT806	3.83E-04	6.05E-02	0.00E+00	6.05E-02	0.00E+00	0.00E+00	3.98E-02	2.28E-08	1.80E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.07E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-06	2.12E-03	8.44E-01	0.00E+00	9.29E-11	3.11E-09	4.97E-04	1.52E-06	1.13E-03	0.00E+00	8.44E-01	2.38E-09	8.44E-01	8.45E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
NFT810	4.36E-04	6.46E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	4.24E-02	2.43E-08	1.92E-04	2.11E-03	0.00E+00	0.00E+00	1.14E-12	2.20E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.72E-06	2.27E-03	9.02E-01	0.00E+00	9.91E-11	3.33E-09	5.31E-04	1.62E-06	1.20E-03	0.00E+00	9.02E-01	2.55E-09	9.02E-01	9.03E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NFT816	4.42E-04	6.55E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	4.29E-02	2.46E-08	1.95E-04	2.13E-03	0.00E+00	0.00E+00	1.15E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.80E-06	2.30E-03	9.14E-01	0.00E+00	1.00E-10	3.38E-09	5.38E-04	1.64E-06	1.22E-03	0.00E+00	9.14E-01	2.58E-09	9.14E-01	9.16E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.49E-04
NFT820	4.60E-04	6.81E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	4.47E-02	2.56E-08	2.02E-04	2.22E-03	0.00E+00	0.00E+00	1.20E-12	2.32E-11	1.66E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-06	2.39E-03	9.51E-01	0.00E+00	1.05E-10	3.51E-09	5.60E-04	1.70E-06	1.27E-03	0.00E+00	9.51E-01	2.68E-09	9.51E-01	9.53E-01	1.27E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
NFT825	4.54E-04	6.72E-02	0.00E+00	6.72E-02	0.00E+00	0.00E+00	4.41E-02	2.52E-08	2.00E-04	2.19E-03	0.00E+00	0.00E+00	1.18E-12	2.29E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	5.95E-06	2.36E-03	9.39E-01	0.00E+00	1.03E-10	3.47E-09	5.53E-04	1.68E-06	1.25E-03	0.00E+00	9.39E-01	2.65E-09	9.39E-01	9.40E-01	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
NFT832	4.11E-04	6.48E-02	0.00E+00	6.48E-02	0.00E+00	0.00E+00	4.25E-02	2.43E-08	1.92E-04	2.11E-03	0.00E+00	0.00E+00	1.14E-12	2.20E-11	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.73E-06	2.28E-03	9.05E-01	0.00E+00	9.94E-11	3.34E-09	5.33E-04	1.62E-06	1.21E-03	0.00E+00	9.05E-01	2.55E-09	9.05E-01	9.06E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NFT840	4.66E-04	6.90E-02	0.00E+00	6.90E-02	0.00E+00	0.00E+00	4.52E-02	2.59E-08	2.05E-04	2.25E-03	0.00E+00	0.00E+00	1.21E-12	2.35E-11	1.68E-04	0.00E+00	0.00E+00	0.00E+00	6.11E-06	2.42E-03	9.64E-01	0.00E+00	1.06E-10	3.56E-09	5.67E-04	1.73E-06	1.29E-03	0.00E+00	9.64E-01	2.72E-09	9.64E-01	9.65E-01	1.29E-03	0.00E+00	0.00E+00	0.00E+00	2.62E-04
NGN150	1.36E-04	2.14E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.41E-02	8.05E-09	6.39E-05	7.00E-04	0.00E+00	0.00E+00	3.76E-13	7.31E-12	5.22E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-06	7.52E-04	3.00E-01	0.00E+00	3.28E-11	1.10E-09	1.77E-04	5.35E-07	3.99E-04	0.00E+00	3.00E-01	8.46E-10	3.00E-01	3.00E-01	3.99E-04	0.00E+00	0.00E+00	0.00E+00	8.15E-05
NGN163	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.13E-09	6.55E-05	7.18E-04	0.00E+00	0.00E+00	3.81E-13	7.49E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.07E-01	0.00E+00	3.32E-11	1.12E-09	1.81E-04	5.42E-07	4.04E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
NGT306	3.81E-04	6.11E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	4.00E-02	2.30E-08	1.78E-04	1.96E-03	0.00E+00	0.00E+00	1.06E-12	2.09E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.42E-06	2.14E-03	8.54E-01	0.00E+00	9.33E-11	3.09E-09	4.94E-04	1.52E-06	1.14E-03	0.00E+00	8.54E-01	2.41E-09	8.54E-01	8.55E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
NGT310	3.73E-04	6.72E-02	0.00E+00	6.72E-02	0.00E+00	0.00E+00	4.25E-02	2.42E-08	1.74E-04	1.93E-03	0.00E+00	0.00E+00	1.10E-12	2.28E-11	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.22E-03	9.04E-01	0.00E+00	9.63E-11	3.02E-09	4.87E-04	1.57E-06	1.17E-03	0.00E+00	9.04E-01	2.56E-09	9.04E-01	8.96E-01	1.17E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
NGT316	3.84E-04	6.13E-02	0.00E+00	6.13E-02	0.00E+00	0.00E+00	4.02E-02	2.31E-08	1.80E-04	1.97E-03	0.00E+00	0.00E+00	1.07E-12	2.10E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-06	2.15E-03	8.57E-01	0.00E+00	9.38E-11	3.12E-09	4.98E-04	1.53E-06	1.14E-03	0.00E+00	8.57E-01	2.42E-09	8.57E-01	8.58E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-04
NGT320	3.85E-04	6.08E-02	0.00E+00	6.08E-02	0.00E+00	0.00E+00	4.00E-02	2.29E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.08E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.38E-06	2.13E-03	8.48E-01	0.00E+00	9.34E-11	3.13E-09	4.99E-04	1.52E-06	1.13E-03	0.00E+00	8.48E-01	2.39E-09	8.48E-01	8.49E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NGT325	3.86E-04	6.08E-02	0.00E+00	6.08E-02	0.00E+00	0.00E+00	4.00E-02	2.29E-08	1.81E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.08E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.38E-06	2.13E-03	8.49E-01	0.00E+00	9.34E-11	3.13E-09	5.00E-04	1.52E-06	1.13E-03	0.00E+00	8.49E-01	2.39E-09	8.49E-01	8.49E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NGT332	3.96E-04	6.25E-02	0.00E+00	6.25E-02	0.00E+00	0.00E+00	4.11E-02	2.35E-08	1.85E-04	2.03E-03	0.00E+00	0.00E+00	1.10E-12	2.14E-11	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.53E-06	2.19E-03	8.72E-01	0.00E+00	9.58E-11	3.22E-09	5.13E-04	1.56E-06	1.16E-03	0.00E+00	8.72E-01	2.46E-09	8.72E-01	8.73E-01	1.16E-03	0.00E+00	0.00E+00	0.00E+00	2.37E-04
NGT340	4.06E-04	6.41E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.20E-02	2.40E-08	1.90E-04	2.09E-03	0.00E+00	0.00E+00	1.13E-12	2.18E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.67E-06	2.25E-03	8.93E-01	0.00E+00	9.83E-11	3.30E-09	5.27E-04	1.60E-06	1.19E-03	0.00E+00	8.93E-01	2.52E-09	8.93E-01	8.95E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
NGT702	1.34E-04	2.11E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.39E-02	7.93E-09	6.28E-05	6.89E-04	0.00E+00	0.00E+00	3.73E-13	7.18E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.95E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.94E-04	0.00E+00	2.95E-01	8.32E-10	2.95E-01	2.96E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	8.03E-05
NGT703	1.34E-04	2.11E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.39E-02	7.93E-09	6.28E-05	6.89E-04	0.00E+00	0.00E+00	3.73E-13	7.18E-12	5.17E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.44E-04	2.95E-01	0.00E+00	3.25E-11	1.09E-09	1.74E-04	5.30E-07	3.94E-04	0.00E+00	2.95E-01	8.32E-10	2.95E-01	2.96E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	8.03E-05
NGT704	1.34E-04	2.11E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.39E-02	7.92E-09	6.27E-05	6.88E-04	0.00E+00	0.00E+00	3.72E-13	7.18E-12	5.16E-05	0.00E+00	0.00E+00	0.00E+00	1.87E-06	7.43E-04	2.95E-01	0.00E+00	3.24E-11	1.09E-09	1.73E-04	5.29E-07	3.94E-04	0.00E+00	2.95E-01	8.31E-10	2.95E-01	2.95E-01	3.94E-04	0.00E+00	0.00E+00	0.00E+00	8.02E-05
NGT706	1.30E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.78E-09	6.06E-05	6.65E-04	0.00E+00	0.00E+00	3.65E-13	6.99E-12	5.07E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.29E-04	2.89E-01	0.00E+00	3.18E-11	1.06E-09	1.68E-04	5.18E-07	3.86E-04	0.00E+00	2.89E-01	8.09E-10	2.89E-01	2.92E-01	3.86E-04	0.00E+00	0.00E+00	0.00E+00	7.81E-05
NGT710	1.37E-04	2.15E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.41E-02	8.09E-09	6.40E-05	7.02E-04	0.00E+00	0.00E+00	3.79E-13	7.33E-12	5.25E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-06	7.57E-04	3.01E-01	0.00E+00	3.30E-11	1.11E-09	1.77E-04	5.39E-07	4.01E-04	0.00E+00	3.01E-01	8.49E-10	3.01E-01	3.01E-01	4.01E-04	0.00E+00	0.00E+00	0.00E+00	8.19E-05
NGT716	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.14E-09	6.44E-05	7.07E-04	0.00E+00	0.00E+00	3.81E-13	7.38E-12	5.29E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.62E-04	3.03E-01	0.00E+00	3.33E-11	1.12E-09	1.78E-04	5.43E-07	4.04E-04	0.00E+00	3.03E-01	8.55E-10	3.03E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.24E-05
NGT720	1.40E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.29E-09	6.56E-05	7.19E-04	0.00E+00	0.00E+00	3.88E-13	7.51E-12	5.38E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-06	7.75E-04	3.08E-01	0.00E+00	3.39E-11	1.14E-09	1.81E-04	5.52E-07	4.11E-04	0.00E+00	3.08E-01	8.70E-10	3.08E-01	3.09E-01	4.11E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05
NGT725	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.46E-02	8.35E-09	6.61E-05	7.25E-04	0.00E+00	0.00E+00	3.91E-13	7.57E-12	5.42E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-06	7.82E-04	3.11E-01	0.00E+00	3.41E-11	1.15E-09	1.83E-04	5.57E-07	4.14E-04	0.00E+00	3.11E-01	8.77E-10	3.11E-01	3.11E-01	4.14E-04	0.00E+00	0.00E+00	0.00E+00	8.46E-05
NGT732	1.43E-04	2.26E-02	0.00E+00	2.26E-02	0.00E+00	0.00E+00	1.48E-02	8.48E-09	6.71E-05	7.37E-04	0.00E+00	0.00E+00	3.97E-13	7.69E-12	5.51E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-06	7.94E-04	3.16E-01	0.00E+00	3.47E-11	1.16E-09	1.86E-04	5.65E-07	4.21E-04	0.00E+00	3.16E-01	8.90E-10	3.16E-01	3.16E-01	4.21E-04	0.00E+00	0.00E+00	0.00E+00	8.59E-05
NGT740	1.41E-04	2.22E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.45E-02	8.33E-09	6.59E-05	7.23E-04	0.00E+00	0.00E+00	3.90E-13	7.55E-12	5.41E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.80E-04	3.10E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.10E-01	8.74E-10	3.10E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.43E-05
NGT806	3.83E-04	6.12E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	4.01E-02	2.30E-08	1.80E-04	1.97E-03	0.00E+00	0.00E+00	1.07E-12	2.10E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.40E-06	2.14E-03	8.56E-01	0.00E+00	9.36E-11	3.12E-09	4.97E-04	1.53E-06	1.14E-03	0.00E+00	8.56E-01	2.41E-09	8.56E-01	8.57E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
NGT810	3.88E-04	6.12E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	4.01E-02	2.30E-08	1.82E-04	2.00E-03	0.00E+00	0.00E+00	1.08E-12	2.08E-11	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.42E-06	2.15E-03	8.55E-01	0.00E+00	9.39E-11	3.16E-09	5.03E-04	1.53E-06	1.14E-03	0.00E+00	8.55E-01	2.41E-09	8.55E-01	8.56E-01	1.14E-03	0.00E+00	0.00E+00	0.00E+00	2.33E-04
NGT816	4.16E-04	6.56E-02	0.00E+00	6.56E-02	0.00E+00	0.00E+00	4.31E-02	2.47E-08	1.95E-04	2.14E-03	0.00E+00	0.00E+00	1.16E-12	2.23E-11	1.60E-04	0.00E+00	0.00E+00	0.00E+00	5.81E-06	2.31E-03	9.17E-01	0.00E+00	1.01E-10	3.39E-09	5.40E-04	1.64E-06	1.22E-03	0.00E+00	9.17E-01	2.59E-09	9.17E-01	9.18E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.50E-04
NGT820	4.27E-04	6.74E-02	0.00E+00	6.74E-02	0.00E+00	0.00E+00	4.42E-02	2.53E-08	2.00E-04	2.20E-03	0.00E+00	0.00E+00	1.19E-12	2.29E-11	1.64E-04	0.00E+00	0.00E+00	0.00E+00	5.97E-06	2.37E-03	9.42E-01	0.00E+00	1.03E-10	3.48E-09	5.54E-04	1.69E-06	1.26E-03	0.00E+00	9.42E-01	2.66E-09	9.42E-01	9.43E-01	1.26E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
NGT825	4.07E-04	6.41E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	4.21E-02	2.41E-08	1.91E-04	2.09E-03	0.00E+00	0.00E+00	1.13E-12	2.18E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.68E-06	2.25E-03	8.96E-01	0.00E+00	9.85E-11	3.31E-09	5.28E-04	1.61E-06	1.20E-03	0.00E+00	8.96E-01	2.53E-09	8.96E-01	8.97E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.44E-04
NGT832	4.12E-04	6.50E-02	0.00E+00	6.50E-02	0.00E+00	0.00E+00	4.27E-02	2.44E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.14E-12	2.21E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.76E-06	2.29E-03	9.09E-01	0.00E+00	9.98E-11	3.35E-09	5.35E-04	1.63E-06	1.21E-03	0.00E+00	9.09E-01	2.56E-09	9.09E-01	9.10E-01	1.21E-03	0.00E+00	0.00E+00	0.00E+00	2.47E-04
NGT840	4.14E-04	6.53E-02	0.00E+00	6.53E-02	0.00E+00	0.00E+00	4.28E-02	2.45E-08	1.94E-04	2.13E-03	0.00E+00	0.00E+00	1.15E-12	2.22E-11	1.59E-04	0.00E+00	0.00E+00	0.00E+00	5.78E-06	2.29E-03	9.12E-01	0.00E+00	1.00E-10	3.37E-09	5.37E-04	1.63E-06	1.22E-03	0.00E+00	9.12E-01	2.57E-09	9.12E-01	9.13E-01	1.22E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
NKN110	1.22E-04	1.92E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.26E-02	7.22E-09	5.72E-05	6.27E-04	0.00E+00	0.00E+00	3.38E-13	6.55E-12	4.69E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-06	6.76E-04	2.69E-01	0.00E+00	2.95E-11	9.92E-10	1.58E-04	4.81E-07	3.58E-04	0.00E+00	2.69E-01	7.58E-10	2.69E-01	2.69E-01	3.58E-04	0.00E+00	0.00E+00	0.00E+00	7.31E-05
NKN125	1.31E-04	2.06E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.35E-02	7.75E-09	6.14E-05	6.73E-04	0.00E+00	0.00E+00	3.63E-13	7.03E-12	5.03E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-06	7.25E-04	2.88E-01	0.00E+00	3.17E-11	1.06E-09	1.70E-04	5.17E-07	3.85E-04	0.00E+00	2.88E-01	8.14E-10	2.88E-01	2.89E-01	3.85E-04	0.00E+00	0.00E+00	0.00E+00	7.85E-05
NKN150	1.41E-04	2.21E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.45E-02	8.32E-09	6.57E-05	7.21E-04	0.00E+00	0.00E+00	3.90E-13	7.53E-12	5.40E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-06	7.79E-04	3.09E-01	0.00E+00	3.40E-11	1.14E-09	1.82E-04	5.55E-07	4.13E-04	0.00E+00	3.09E-01	8.73E-10	3.09E-01	3.10E-01	4.13E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-05
NKN163	1.37E-04	2.17E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	1.42E-02	8.14E-09	6.55E-05	7.18E-04	0.00E+00	0.00E+00	3.81E-13	7.49E-12	5.28E-05	0.00E+00	0.00E+00	0.00E+00	1.92E-06	7.61E-04	3.07E-01	0.00E+00	3.32E-11	1.12E-09	1.81E-04	5.42E-07	4.04E-04	0.00E+00	3.07E-01	8.66E-10	3.07E-01	3.03E-01	4.04E-04	0.00E+00	0.00E+00	0.00E+00	8.34E-05
NKN210	2.47E-04	3.89E-02	0.00E+00	3.89E-02	0.00E+00	0.00E+00	2.55E-02	1.46E-08	1.16E-04	1.27E-03	0.00E+00	0.00E+00	6.85E-13	1.33E-11	9.50E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-06	1.37E-03	5.44E-01	0.00E+00	5.98E-11	2.01E-09	3.20E-04	9.75E-07	7.26E-04	0.00E+00	5.44E-01	1.53E-09	5.44E-01	5.45E-01	7.26E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04
NKN216	2.41E-04	3.80E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	2.49E-02	1.43E-08	1.13E-04	1.24E-03	0.00E+00	0.00E+00	6.69E-13	1.29E-11	9.27E-05	0.00E+00	0.00E+00	0.00E+00	3.36E-06	1.34E-03	5.31E-01	0.00E+00	5.83E-11	1.96E-09	3.13E-04	9.51E-07	7.08E-04	0.00E+00	5.31E-01	1.50E-09	5.31E-01	5.32E-01	7.08E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04
NKN416	4.68E-04	7.37E-02	0.00E+00	7.37E-02	0.00E+00	0.00E+00	4.84E-02	2.77E-08	2.19E-04	2.40E-03	0.00E+00	0.00E+00	1.30E-12	2.51E-11	1.80E-04	0.00E+00	0.00E+00	0.00E+00	6.53E-06	2.59E-03	1.03E+00	0.00E+00	1.13E-10	3.80E-09	6.06E-04	1.85E-06	1.37E-03	0.00E+00	1.03E+00	2.91E-09	1.03E+00	1.03E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
NKN432	5.44E-04	8.58E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	5.63E-02	3.22E-08	2.55E-04	2.80E-03	0.00E+00	0.00E+00	1.51E-12	2.92E-11	2.09E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-06	3.01E-03	1.20E+00	0.00E+00	1.32E-10	4.42E-09	7.05E-04	2.15E-06	1.60E-03	0.00E+00	1.20E+00	3.38E-09	1.20E+00	1.20E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04

	NKN440	5.42E-04	8.54E-02	0.00E+00	8.54E-02	0.00E+00	0.00E+00	5.60E-02	3.21E-08	2.54E-04	2.79E-03	0.00E+00	0.00E+00	1.50E-12	2.91E-11	2.08E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-06	3.00E-03	1.19E+00	0.00E+00	1.31E-10	4.41E-09	7.03E-04	2.14E-06	1.59E-03	0.00E+00	1.19E+00	3.37E-09	1.19E+00	1.19E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04
	NKN463	5.70E-04	8.98E-02	0.00E+00	8.98E-02	0.00E+00	0.00E+00	5.89E-02	3.37E-08	2.67E-04	2.93E-03	0.00E+00	0.00E+00	1.58E-12	3.06E-11	2.19E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-06	3.16E-03	1.25E+00	0.00E+00	1.38E-10	4.63E-09	7.39E-04	2.25E-06	1.67E-03	0.00E+00	1.25E+00	3.54E-09	1.25E+00	1.26E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	3.42E-04
	NQN110	1.32E-04	2.09E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.37E-02	7.86E-09	6.17E-05	6.77E-04	0.00E+00	0.00E+00	3.68E-13	7.07E-12	5.10E-05	0.00E+00	0.00E+00	0.00E+00	1.85E-06	7.35E-04	2.90E-01	0.00E+00	3.21E-11	1.08E-09	1.71E-04	5.24E-07	3.90E-04	0.00E+00	2.90E-01	8.18E-10	2.90E-01	2.93E-01	3.90E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05
	NQN116	1.42E-04	2.23E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.46E-02	8.38E-09	6.58E-05	7.22E-04	0.00E+00	0.00E+00	3.93E-13	7.56E-12	5.44E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-06	7.84E-04	3.10E-01	0.00E+00	3.42E-11	1.15E-09	1.82E-04	5.59E-07	4.16E-04	0.00E+00	3.10E-01	8.75E-10	3.10E-01	3.12E-01	4.16E-04	0.00E+00	0.00E+00	0.00E+00	8.45E-05
	NQN210	2.53E-04	3.98E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.63E-02	1.51E-08	1.18E-04	1.30E-03	0.00E+00	0.00E+00	7.26E-13	1.37E-11	1.00E-04	0.00E+00	0.00E+00	0.00E+00	3.62E-06	1.43E-03	5.61E-01	0.00E+00	6.31E-11	2.05E-09	3.28E-04	1.02E-06	7.62E-04	0.00E+00	5.61E-01	1.58E-09	5.61E-01	5.62E-01	7.62E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04
	NQN306	3.83E-04	6.04E-02	0.00E+00	6.04E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.06E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-06	2.12E-03	8.44E-01	0.00E+00	9.28E-11	3.12E-09	4.97E-04	1.51E-06	1.13E-03	0.00E+00	8.44E-01	2.38E-09	8.44E-01	8.45E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
	NQN320	4.05E-04	6.38E-02	0.00E+00	6.38E-02	0.00E+00	0.00E+00	4.19E-02	2.40E-08	1.89E-04	2.08E-03	0.00E+00	0.00E+00	1.12E-12	2.17E-11	1.56E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-06	2.24E-03	8.91E-01	0.00E+00	9.79E-11	3.29E-09	5.24E-04	1.60E-06	1.19E-03	0.00E+00	8.91E-01	2.51E-09	8.91E-01	8.93E-01	1.19E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
	NRN116	1.29E-04	2.04E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.34E-02	7.65E-09	6.09E-05	6.68E-04	0.00E+00	0.00E+00	3.58E-13	6.97E-12	4.97E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-06	7.16E-04	2.86E-01	0.00E+00	3.13E-11	1.05E-09	1.68E-04	5.10E-07	3.80E-04	0.00E+00	2.86E-01	8.07E-10	2.86E-01	2.85E-01	3.80E-04	0.00E+00	0.00E+00	0.00E+00	7.78E-05
	NRN325	4.02E-04	6.33E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	4.16E-02	2.38E-08	1.88E-04	2.07E-03	0.00E+00	0.00E+00	1.11E-12	2.16E-11	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.61E-06	2.23E-03	8.85E-01	0.00E+00	9.72E-11	3.27E-09	5.21E-04	1.59E-06	1.18E-03	0.00E+00	8.85E-01	2.50E-09	8.85E-01	8.86E-01	1.18E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
	NRN363	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
	NRN410	5.03E-04	8.04E-02	0.00E+00	8.04E-02	0.00E+00	0.00E+00	5.21E-02	2.99E-08	2.36E-04	2.68E-03	0.00E+00	0.00E+00	1.43E-12	2.73E-11	1.96E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-06	2.82E-03	1.11E+00	0.00E+00	1.24E-10	4.09E-09	6.76E-04	2.00E-06	1.50E-03	0.00E+00	1.11E+00	3.13E-09	1.11E+00	1.11E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
	NSN332	4.08E-04	6.44E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	4.22E-02	2.42E-08	1.93E-04	2.12E-03	0.00E+00	0.00E+00	1.13E-12	2.21E-11	1.57E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-06	2.26E-03	9.05E-01	0.00E+00	9.89E-11	3.32E-09	5.34E-04	1.61E-06	1.20E-03	0.00E+00	9.05E-01	2.55E-09	9.05E-01	9.01E-01	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
	NSN363	4.19E-04	6.63E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	4.35E-02	2.49E-08	1.96E-04	2.15E-03	0.00E+00	0.00E+00	1.17E-12	2.25E-11	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.88E-06	2.34E-03	9.25E-01	0.00E+00	1.02E-10	3.41E-09	5.42E-04	1.66E-06	1.24E-03	0.00E+00	9.25E-01	2.61E-09	9.25E-01	9.29E-01	1.24E-03	0.00E+00	0.00E+00	0.00E+00	2.52E-04
	NSN416	5.02E-04	7.97E-02	0.00E+00	7.97E-02	0.00E+00	0.00E+00	5.20E-02	2.98E-08	2.36E-04	2.58E-03	0.00E+00	0.00E+00	1.39E-12	2.71E-11	1.93E-04	0.00E+00	0.00E+00	0.00E+00	7.04E-06	2.80E-03	1.11E+00	0.00E+00	1.22E-10	4.09E-09	6.52E-04	1.98E-06	1.48E-03	0.00E+00	1.11E+00	3.13E-09	1.11E+00	1.11E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
	YZB110	1.08E-04	1.70E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	1.12E-02	6.39E-09	5.05E-05	5.55E-04	0.00E+00	0.00E+00	2.99E-13	5.79E-12	4.15E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-06	5.98E-04	2.38E-01	0.00E+00	2.61E-11	8.77E-10	1.40E-04	4.26E-07	3.17E-04	0.00E+00	2.38E-01	6.70E-10	2.38E-01	2.38E-01	3.17E-04	0.00E+00	0.00E+00	0.00E+00	6.47E-05
	YZC110	1.11E-04	1.75E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	1.17E-02	6.65E-09	5.19E-05	5.69E-04	0.00E+00	0.00E+00	3.12E-13	5.99E-12	4.36E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-06	6.27E-04	2.46E-01	0.00E+00	2.71E-11	9.02E-10	1.44E-04	4.46E-07	3.34E-04	0.00E+00	2.46E-01	6.96E-10	2.46E-01	2.49E-01	3.34E-04	0.00E+00	0.00E+00	0.00E+00	6.73E-05
	YZB116	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.50E-09	5.14E-05	5.64E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.08E-04	2.42E-01	0.00E+00	2.65E-11	8.92E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.82E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.58E-05
	YZC116	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.14E-02	6.50E-09	5.15E-05	5.65E-04	0.00E+00	0.00E+00	3.05E-13	5.90E-12	4.22E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.08E-04	2.42E-01	0.00E+00	2.66E-11	8.93E-10	1.42E-04	4.33E-07	3.23E-04	0.00E+00	2.42E-01	6.83E-10	2.42E-01	2.42E-01	3.23E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
	YZB120	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.49E-09	5.15E-05	5.65E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.07E-04	2.42E-01	0.00E+00	2.65E-11	8.91E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.83E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
	YZC120	1.10E-04	1.73E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.13E-02	6.49E-09	5.15E-05	5.65E-04	0.00E+00	0.00E+00	3.04E-13	5.89E-12	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-06	6.07E-04	2.42E-01	0.00E+00	2.65E-11	8.91E-10	1.42E-04	4.33E-07	3.22E-04	0.00E+00	2.42E-01	6.83E-10	2.42E-01	2.42E-01	3.22E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05
	YZB125	1.28E-04	2.01E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.32E-02	7.57E-09	6.00E-05	6.58E-04	0.00E+00	0.00E+00	3.55E-13	6.86E-12	4.91E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-06	7.08E-04	2.82E-01	0.00E+00	3.09E-11	1.04E-09	1.66E-04	5.04E-07	3.76E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.82E-01	3.76E-04	0.00E+00	0.00E+00	0.00E+00	7.67E-05
	YZC125	1.27E-04	2.00E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.31E-02	7.52E-09	6.00E-05	6.58E-04	0.00E+00	0.00E+00	3.52E-13	6.87E-12	4.88E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-06	7.03E-04	2.82E-01	0.00E+00	3.07E-11	1.03E-09	1.66E-04	5.01E-07	3.73E-04	0.00E+00	2.82E-01	7.95E-10	2.82E-01	2.80E-01	3.73E-04	0.00E+00	0.00E+00	0.00E+00	7.66E-05
	YZB316	3.17E-04	5.00E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	3.28E-02	1.88E-08	1.49E-04	1.63E-03	0.00E+00	0.00E+00	8.80E-13	1.70E-11	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.43E-06	1.76E-03	6.99E-01	0.00E+00	7.68E-11	2.58E-09	4.11E-04	1.25E-06	9.32E-04	0.00E+00	6.99E-01	1.97E-09	6.99E-01	7.00E-01	9.32E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04
	YZC316	3.33E-04	5.06E-02	0.00E+00	5.06E-02	0.00E+00	0.00E+00	3.38E-02	1.94E-08	1.50E-04	1.64E-03	0.00E+00	0.00E+00	9.13E-13	1.74E-11	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-06	1.81E-03	7.20E-01	0.00E+00	7.94E-11	2.60E-09	4.14E-04	1.30E-06	9.63E-04	0.00E+00	7.20E-01	2.03E-09	7.20E-01	7.13E-01	9.63E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-04
	YZB320	3.80E-04	6.01E-02	0.00E+00	6.01E-02	0.00E+00	0.00E+00	3.94E-02	2.26E-08	1.78E-04	1.95E-03	0.00E+00	0.00E+00	1.06E-12	2.05E-11	1.46E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-06	2.11E-03	8.39E-01	0.00E+00	9.22E-11	3.09E-09	4.92E-04	1.50E-06	1.12E-03	0.00E+00	8.39E-01	2.37E-09	8.39E-01	8.41E-01	1.12E-03	0.00E+00	0.00E+00	0.00E+00	2.28E-04
	YZC320	3.74E-04	5.90E-02	0.00E+00	5.90E-02	0.00E+00	0.00E+00	3.87E-02	2.22E-08	1.75E-04	1.92E-03	0.00E+00	0.00E+00	1.04E-12	2.01E-11	1.44E-04	0.00E+00	0.00E+00	0.00E+00	5.22E-06	2.07E-03	8.24E-01	0.00E+00	9.05E-11	3.04E-09	4.85E-04	1.48E-06	1.10E-03	0.00E+00	8.24E-01	2.33E-09	8.24E-01	8.25E-01	1.10E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-04
	YZB325	3.83E-04	6.04E-02	0.00E+00	6.04E-02	0.00E+00	0.00E+00	3.96E-02	2.27E-08	1.79E-04	1.97E-03	0.00E+00	0.00E+00	1.06E-12	2.06E-11	1.47E-04	0.00E+00	0.00E+00	0.00E+00	5.35E-06	2.12E-03	8.44E-01	0.00E+00	9.28E-11	3.12E-09	4.97E-04	1.51E-06	1.13E-03	0.00E+00	8.44E-01	2.38E-09	8.44E-01	8.45E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.30E-04
	YZC325	3.85E-04	6.07E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	3.98E-02	2.28E-08	1.80E-04	1.98E-03	0.00E+00	0.00E+00	1.07E-12	2.06E-11	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.37E-06	2.13E-03	8.47E-01	0.00E+00	9.31E-11	3.13E-09	4.99E-04	1.52E-06	1.13E-03	0.00E+00	8.47E-01	2.39E-09	8.47E-01	8.48E-01	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.31E-04
	VKS01SG	1.42E-04	2.25E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	1.47E-02	8.44E-09	6.68E-05	7.33E-04	0.00E+00	0.00E+00	3.95E-13	7.65E-12	5.48E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-06	7.90E-04	3.14E-01	0.00E+00	3.45E-11	1.16E-09	1.85E-04	5.63E-07	4.19E-04	0.00E+00	3.14E-01	8.86E-10	3.14E-01	3.14E-01	4.19E-04	0.00E+00	0.00E+00	0.00E+00	8.54E-05
	VKS03SF	3.08E-04	4.86E-02	0.00E+00	4.86E-02	0.00E+00	0.00E+00	3.19E-02	1.83E-08	1.44E-04	1.59E-03	0.00E+00	0.00E+00	8.55E-13	1.65E-11	1.19E-04	0.00E+00	0.00E+00	0.00E+00	4.30E-06	1.71E-03	6.79E-01	0.00E+00	7.46E-11	2.51E-09	4.00E-04	1.22E-06	9.06E-04	0.00E+00	6.79E-01	1.92E-09	6.79E-01	6.80E-01	9.06E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04
	VKS04SD	5.91E-04	9.32E-02	0.00E+00	9.32E-02	0.00E+00	0.00E+00	6.11E-02	3.50E-08	2.77E-04	3.04E-03	0.00E+00	0.00E+00	1.64E-12	3.17E-11	2.27E-04	0.00E+00	0.00E+00	0.00E+00	8.25E-06	3.28E-03	1.30E+00	0.00E+00	1.43E-10	4.81E-09	7.66E-04	2.33E-06	1.74E-03	0.00E+00	1.30E+00	3.67E-09	1.30E+00	1.30E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
	VKS05SK	6.31E-04	9.94E-02	0.00E+00	9.94E-02	0.00E+00	0.00E+00	6.52E-02	3.73E-08	2.96E-04	3.24E-03	0.00E+00	0.00E+00	1.75E-12	3.38E-11	2.43E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-06	3.49E-03	1.39E+00	0.00E+00	1.53E-10	5.13E-09	8.18E-04	2.49E-06	1.85E-03	0.00E+00	1.39E+00	3.92E-09	1.39E+00	1.39E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-04
	VKS06SV	3.59E-04	5.66E-02	0.00E+00	5.66E-02	0.00E+00	0.00E+00	3.72E-02	2.13E-08	1.68E-04	1.85E-03	0.00E+00	0.00E+00	9.97E-13	1.93E-11	1.38E-04	0.00E+00	0.00E+00	0.00E+00	5.01E-06	1.99E-03	7.91E-01	0.00E+00	8.69E-11	2.92E-09	4.66E-04	1.42E-06	1.06E-03	0.00E+00	7.91E-01	2.23E-09	7.91E-01	7.92E-01	1.06E-03	0.00E+00	0.00E+00	0.00E+00	2.15E-04
	VKS08SC	6.63E-04	1.05E-01	0.00E+00	1.05E-01	0.00E+00	0.00E+00	6.86E-02	3.93E-08	3.11E-04	3.41E-03	0.00E+00	0.00E+00	1.84E-12	3.56E-11	2.55E-04	0.00E+00	0.00E+00	0.00E+00	9.25E-06	3.67E-03	1.46E+00	0.00E+00	1.60E-10	5.39E-09	8.60E-04	2.62E-06	1.95E-03	0.00E+00	1.46E+00	4.12E-09	1.46E+00	1.46E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	3.97E-04
	VKS12SJ	1.51E-04	2.38E-02	0.00E+00	2.38E-02	0.00E+00	0.00E+00	1.56E-02	8.95E-09	7.08E-05	7.77E-04	0.00E+00	0.00E+00	4.19E-13	8.11E-12	5.81E-05	0.00E+00	0.00E+00	0.00E+00	2.11E-06	8.37E-04	3.33E-01	0.00E+00	3.66E-11	1.23E-09	1.96E-04	5.96E-07	4.44E-04	0.00E+00	3.33E-01	9.39E-10	3.33E-01	3.33E-01	4.44E-04	0.00E+00	0.00E+00	0.00E+00	9.06E-05
Installation A5	MBN116	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
	HLE180S	2.11E-05	9.84E-03	1.85E-03	7.98E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.59E-05	0.00E+00	1.95E-04	8.81E-10	2.57E-11	1.19E-03	2.13E-05	6.54E-04	0.00E+00	1.38E-05	3.27E-03	7.57E-02	0.00E+00	1.02E-10	1.33E-10	1.54E-05	3.92E-07	1.01E-02	0.00E+00	7.57E-02	1.86E-10	7.57E-02	8.58E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.94E-04
	HLE280S	3.96E-06	2.55E-03	4.83E-04	2.06E-03	0.00E+00	0.00E+00	3.00E-02	2.84E-08	2.76E-06	1.71E-05	0.00E+00	5.07E-05	2.29E-10	6.69E-12	3.07E-04	5.55E-06	1.66E-04	0.00E+00	3.57E-06	8.43E-04	1.97E-02	0.00E+00	2.66E-11	3.44E-11	4.00E-06	1.02E-07	2.62E-03	0.00E+00	1.97E-02	4.81E-11	1.97E-02	2.23E-02	2.62E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-04
	HLE290S	5.10E-05	2.28E-02	4.30E-03	1.85E-02	0.00E+00	0.00E+00	2.67E-01	2.54E-07	2.46E-05	1.53E-04	0.00E+00	4.51E-04	2.04E-09	5.97E-11	2.76E-03	4.94E-05	1.52E-03	0.00E+00	3.21E-05	7.59E-03	1.76E-01	0.00E+00	2.37E-10	3.07E-10	3.57E-05	9.11E-07	2.34E-02	0.00E+00	1.76E-01	4.31E-10	1.76E-01	1.99E-01	2.34E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
	HLE380S	8.01E-05	3.65E-02	6.88E-03	2.96E-02	0.00E+00	0.00E+00	4.27E-01	4.06E-07	3.93E-05	2.44E-04	0.00E+00	7.22E-04	3.27E-09	9.54E-11	4.41E-03	7.90E-05	2.43E-03	0.00E+00	5.14E-05	1.21E-02	2.81E-01	0.00E+00	3.80E-10	4.92E-10	5.71E-05	1.46E-06	3.75E-02	0.00E+00	2.81E-01	6.89E-10	2.81E-01	3.18E-01	3.75E-02	0.00E+00	0.00E+00	0.00E+00	2.21E-03
	HLE390S	4.66E-06	4.03E-03	7.68E-04	3.27E-03	0.00E+00	0.00E+00	4.77E-02	4.51E-08	4.38E-06	2.72E-05	0.00E+00	8.05E-05	3.65E-10	1.06E-11	4.85E-04	8.82E-06	2.61E-04	0.00E+00	5.66E-06	1.33E-03	3.12E-02	0.00E+00	4.23E-11	5.46E-11	6.36E-06	1.61E-07	4.16E-03	0.00E+00	3.12E-02	7.63E-11	3.12E-02	3.54E-02	4.16E-03	0.00E+00	0.00E+00	0.00E+00	2.43E-04
	HLF180S	2.07E-05	9.66E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.47E-05	0.00E+00	1.91E-04	8.65E-10	2.53E-11	1.17E-03	2.09E-05	6.42E-04	0.00E+00	1.36E-05	3.21E-03	7.44E-02	0.00E+00	1.01E-10	1.30E-10	1.51E-05	3.85E-07	9.92E-03	0.00E+00	7.44E-02	1.82E-10	7.44E-02	8.43E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
	HLF190S	1.90E-05	8.93E-03	1.68E-03	7.25E-03	0.00E+00	0.00E+00	1.05E-01	9.94E-08	9.63E-06	5.98E-05	0.00E+00	1.77E-04	8.00E-10	2.34E-11	1.08E-03	1.94E-05	5.93E-04	0.00E+00	1.26E-05	2.97E-03	6.88E-02	0.00E+00	9.30E-11	1.20E-10	1.40E-05	3.56E-07	9.18E-03	0.00E+00	6.88E-02	1.69E-10	6.88E-02	7.80E-02	9.18E-03	0.00E+00	0.00E+00	0.00E+00	5.40E-04
	HLF199S	2.47E-05	1.13E-02	2.13E-03	9.16E-03	0.00E+00	0.00E+00	1.32E-01	1.25E-07	1.22E-05	7.55E-05	0.00E+00	2.23E-04	1.01E-09	2.95E-11	1.36E-03	2.44E-05	7.50E-04	0.00E+00	1.59E-05	3.75E-03	8.69E-02	0.00E+00	1.17E-10	1.52E-10	1.77E-05	4.50E-07	1.16E-02	0.00E+00	8.69E-02	2.13E-10	8.69E-02	9.85E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.82E-04
	HLF280S	3.41E-05	1.55E-02	2.93E-03	1.26E-02	0.00E+00	0.00E+00	1.82E-01	1.73E-07	1.67E-05	1.04E-04	0.00E+00	3.07E-04	1.39E-09	4.06E-11	1.87E-03	3.36E-05	1.03E-03	0.00E+00	2.19E-05	5.16E-03	1.20E-01	0.00E+00	1.62E-10	2.09E-10	2.43E-05	6.19E-07	1.59E-02	0.00E+00	1.20E-01	2.93E-10	1.20E-01	1.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.39E-04
	HLF290S	2.65E-05	1.23E-02	2.31E-03	9.96E-03	0.00E+00	0.00E+00	1.44E-01	1.37E-07	1.32E-05	8.22E-05	0.00E+00	2.43E-04	1.10E-09	3.21E-11	1.48E-03	2.66E-05	8.16E-04	0.00E+00	1.73E-05	4.08E-03	9.45E-02	0.00E+00	1.28E-10	1.65E-10	1.92E-05	4.90E-07	1.26E-02	0.00E+00	9.45E-02	2.32E-10	9.45E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.42E-04
	HLF299S	2.55E-05	1.17E-02	2.21E-03	9.53E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.27E-05	7.86E-05	0.00E+00	2.32E-04	1.05E-09	3.07E-11	1.42E-03	2.54E-05	7.81E-04	0.00E+00	1.65E-05	3.90E-03	9.04E-02	0.00E+00	1.22E-10	1.58E-10	1.84E-05	4.68E-07	1.21E-02	0.00E+00	9.04E-02	2.22E-10	9.04E-02	1.02E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.10E-04
	HLF380S	7.63E-05	3.49E-02	6.57E-03	2.83E-02	0.00E+00	0.00E+00	4.08E-01	3.88E-07	3.76E-05	2.33E-04	0.00E+00	6.90E-04	3.12E-09	9.12E-11	4.21E-03	7.55E-05	2.32E-03	0.00E+00	4.91E-05	1.16E-02	2.68E-01	0.00E+00	3.63E-10	4.70E-10	5.46E-05	1.39E-06	3.58E-02	0.00E+00	2.68E-01	6.58E-10	2.68E-01	3.04E-01	3.58E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
	HLF390S	8.76E-05	3.97E-02	7.49E-03	3.23E-02	0.00E+00	0.00E+00	4.65E-01	4.42E-07	4.28E-05	2.66E-04	0.00E+00	7.86E-04	3.56E-09	1.04E-10	4.80E-03	8.60E-05	2.65E-03	0.00E+00	5.59E-05	1.32E-02	3.06E-01	0.00E+00	4.13E-10	5.35E-10	6.22E-05	1.59E-06	4.08E-02	0.00E+00	3.06E-01	7.50E-10	3.06E-01	3.47E-01	4.08E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
	HLF399S	4.36E-05	2.08E-02	3.92E-03	1.69E-02	0.00E+00	0.00E+00	2.44E-01	2.31E-07	2.24E-05	1.39E-04	0.00E+00	4.12E-04	1.86E-09	5.45E-11	2.51E-03	4.51E-05	1.38E-03	0.00E+00	2.93E-05	6.91E-03	1.60E-01	0.00E+00	2.17E-10	2.80E-10	3.26E-05	8.30E-07	2.14E-02	0.00E+00	1.60E-01	3.93E-10	1.60E-01	1.82E-01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
	HMB180	2.78E-05	1.28E-02	2.42E-03	1.04E-02	0.00E+00	0.00E+00	1.50E-01	1.43E-07	1.38E-05	8.58E-05	0.00E+00	2.54E-04	1.15E-09	3.35E-11	1.55E-03	2.77E-05	8.53E-04	0.00E+00	1.80E-05	4.26E-03	9.87E-02	0.00E+00	1.33E-10	1.73E-10	2.01E-05	5.11E-07	1.32E-02	0.00E+00	9.87E-02	2.42E-10	9.87E-02	1.12E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.75E-04
	HMB190	3.16E-05	1.44E-02	2.72E-03	1.17E-02	0.00E+00	0.00E+00	1.69E-01	1.61E-07	1.56E-05	9.67E-05	0.00E+00	2.86E-04	1.29E-09	3.78E-11	1.74E-03	3.13E-05	9.61E-04	0.00E+00	2.03E-05	4.80E-03	1.11E-01	0.00E+00	1.50E-10	1.95E-10	2.26E-05	5.76E-07	1.48E-02	0.00E+00	1.11E-01	2.73E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.73E-04
	HMB199	3.45E-05	1.56E-02	2.93E-03	1.26E-02	0.00E+00	0.00E+00	1.82E-01	1.73E-07	1.68E-05	1.04E-04	0.00E+00	3.08E-04	1.39E-09	4.07E-11	1.88E-03	3.37E-05	1.04E-03	0.00E+00	2.19E-05	5.17E-03	1.20E-01	0.00E+00	1.62E-10	2.10E-10	2.43E-05	6.21E-07	1.60E-02	0.00E+00	1.20E-01	2.94E-10	1.20E-01	1.36E-01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	9.41E-04
	HMB280	1.25E-05	6.28E-03	1.19E-03	5.10E-03	0.00E+00	0.00E+00	7.36E-02	6.99E-08	6.78E-06	4.21E-05	0.00E+00	1.24E-04	5.63E-10	1.65E-11	7.58E-04	1.36E-05	4.16E-04	0.00E+00	8.84E-06	2.09E-03	4.84E-02	0.00E+00	6.55E-11	8.47E-11	9.84E-06	2.51E-07	6.46E-03	0.00E+00	4.84E-02	1.19E-10	4.84E-02	5.49E-02	6.46E-03	0.00E+00	0.00E+00	0.00E+00	3.79E-04
	HMB290	3.00E-05	1.39E-02	2.61E-03	1.12E-02	0.00E+00	0.00E+00	1.62E-01	1.54E-07	1.49E-05	9.27E-05	0.00E+00	2.74E-04	1.24E-09	3.62E-11	1.67E-03	3.00E-05	9.22E-04	0.00E+00	1.95E-05	4.60E-03	1.07E-01	0.00E+00	1.44E-10	1.87E-10	2.17E-05	5.53E-07	1.42E-02	0.00E+00	1.07E-01	2.62E-10	1.07E-01	1.21E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.37E-04
	HMB299	1.52E-05	7.37E-03	1.39E-03	5.98E-03	0.00E+00	0.00E+00	8.63E-02	8.20E-08	7.94E-06	4.94E-05	0.00E+00	1.46E-04	6.60E-10	1.93E-11	8.89E-04	1.60E-05	4.88E-04	0.00E+00	1.04E-05	2.45E-03	5.68E-02	0.00E+00	7.67E-11	9.93E-11	1.15E-05	2.94E-07	7.57E-03	0.00E+00	5.68E-02	1.39E-10	5.68E-02	6.43E-02	7.57E-03	0.00E+00	0.00E+00	0.00E+00	4.45E-04
	HMB380	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
	HMB480	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMB490	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMB499	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMC180	5.81E-05	2.59E-02	4.87E-03	2.10E-02	0.00E+00	0.00E+00	3.03E-01	2.88E-07	2.78E-05	1.73E-04	0.00E+00	5.12E-04	2.31E-09	6.76E-11	3.12E-03	5.60E-05	1.73E-03	0.00E+00	3.64E-05	8.60E-03	1.99E-01	0.00E+00	2.69E-10	3.48E-10	4.05E-05	1.03E-06	2.66E-02	0.00E+00	1.99E-01	4.88E-10	1.99E-01	2.26E-01	2.66E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
	HMC180T	3.29E-05	1.50E-02	2.83E-03	1.22E-02	0.00E+00	0.00E+00	1.76E-01	1.67E-07	1.62E-05	1.01E-04	0.00E+00	2.97E-04	1.34E-09	3.93E-11	1.81E-03	3.25E-05	1.00E-03	0.00E+00	2.11E-05	4.99E-03	1.16E-01	0.00E+00	1.56E-10	2.02E-10	2.35E-05	5.99E-07	1.54E-02	0.00E+00	1.16E-01	2.83E-10	1.16E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.08E-04
	HMC190	4.13E-05	1.86E-02	3.51E-03	1.51E-02	0.00E+00	0.00E+00	2.18E-01	2.07E-07	2.01E-05	1.25E-04	0.00E+00	3.68E-04	1.67E-09	4.87E-11	2.25E-03	4.03E-05	1.24E-03	0.00E+00	2.62E-05	6.19E-03	1.43E-01	0.00E+00	1.94E-10	2.51E-10	2.91E-05	7.43E-07	1.91E-02	0.00E+00	1.43E-01	3.52E-10	1.43E-01	1.62E-01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03
	HMC190T	3.16E-05	1.44E-02	2.72E-03	1.17E-02	0.00E+00	0.00E+00	1.69E-01	1.61E-07	1.56E-05	9.67E-05	0.00E+00	2.86E-04	1.29E-09	3.78E-11	1.74E-03	3.13E-05	9.61E-04	0.00E+00	2.03E-05	4.80E-03	1.11E-01	0.00E+00	1.50E-10	1.95E-10	2.26E-05	5.76E-07	1.48E-02	0.00E+00	1.11E-01	2.73E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.73E-04
	HMC199	3.32E-05	1.50E-02	2.83E-03	1.22E-02	0.00E+00	0.00E+00	1.76E-01	1.67E-07	1.62E-05	1.01E-04	0.00E+00	2.97E-04	1.34E-09	3.93E-11	1.81E-03	3.25E-05	1.00E-03	0.00E+00	2.12E-05	4.99E-03	1.16E-01	0.00E+00	1.56E-10	2.02E-10	2.35E-05	5.99E-07	1.54E-02	0.00E+00	1.16E-01	2.84E-10	1.16E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.08E-04
	HMC199T	3.15E-05	1.43E-02	2.69E-03	1.16E-02	0.00E+00	0.00E+00	1.67E-01	1.59E-07	1.54E-05	9.55E-05	0.00E+00	2.82E-04	1.28E-09	3.73E-11	1.72E-03	3.09E-05	9.50E-04	0.00E+00	2.01E-05	4.74E-03	1.10E-01	0.00E+00	1.48E-10	1.92E-10	2.23E-05	5.69E-07	1.46E-02	0.00E+00	1.10E-01	2.69E-10	1.10E-01	1.24E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.62E-04
	HMC280	2.76E-05	1.28E-02	2.41E-03	1.04E-02	0.00E+00	0.00E+00	1.50E-01	1.42E-07	1.38E-05	8.55E-05	0.00E+00	2.53E-04	1.14E-09	3.34E-11	1.54E-03	2.77E-05	8.50E-04	0.00E+00	1.80E-05	4.25E-03	9.83E-02	0.00E+00	1.33E-10	1.72E-10	2.00E-05	5.10E-07	1.31E-02	0.00E+00	9.83E-02	2.41E-10	9.83E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.72E-04
	HMC280T	3.83E-05	1.74E-02	3.27E-03	1.41E-02	0.00E+00	0.00E+00	2.03E-01	1.93E-07	1.87E-05	1.16E-04	0.00E+00	3.44E-04	1.55E-09	4.54E-11	2.10E-03	3.76E-05	1.16E-03	0.00E+00	2.45E-05	5.77E-03	1.34E-01	0.00E+00	1.81E-10	2.34E-10	2.72E-05	6.93E-07	1.78E-02	0.00E+00	1.34E-01	3.28E-10	1.34E-01	1.52E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
	HMC290	3.64E-06	2.49E-03	4.73E-04	2.02E-03	0.00E+00	0.00E+00	2.94E-02	2.78E-08	2.70E-06	1.68E-05	0.00E+00	4.96E-05	2.25E-10	6.56E-12	3.00E-04	5.44E-06	1.63E-04	0.00E+00	3.50E-06	8.26E-04	1.93E-02	0.00E+00	2.61E-11	3.37E-11	3.92E-06	9.96E-08	2.57E-03	0.00E+00	1.93E-02	4.72E-11	1.93E-02	2.18E-02	2.57E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-04
	HMC290T	4.39E-05	1.98E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.92E-04	1.77E-09	5.18E-11	2.39E-03	4.29E-05	1.32E-03	0.00E+00	2.79E-05	6.58E-03	1.52E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.90E-07	2.03E-02	0.00E+00	1.52E-01	3.74E-10	1.52E-01	1.73E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
	HMC299	4.22E-05	1.90E-02	3.58E-03	1.54E-02	0.00E+00	0.00E+00	2.22E-01	2.11E-07	2.05E-05	1.27E-04	0.00E+00	3.76E-04	1.70E-09	4.97E-11	2.29E-03	4.11E-05	1.27E-03	0.00E+00	2.67E-05	6.32E-03	1.46E-01	0.00E+00	1.98E-10	2.56E-10	2.97E-05	7.58E-07	1.95E-02	0.00E+00	1.46E-01	3.59E-10	1.46E-01	1.66E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
	HMC299T	4.10E-05	1.85E-02	3.48E-03	1.50E-02	0.00E+00	0.00E+00	2.16E-01	2.05E-07	1.99E-05	1.24E-04	0.00E+00	3.65E-04	1.65E-09	4.83E-11	2.23E-03	3.99E-05	1.23E-03	0.00E+00	2.60E-05	6.14E-03	1.42E-01	0.00E+00	1.92E-10	2.49E-10	2.89E-05	7.36E-07	1.89E-02	0.00E+00	1.42E-01	3.48E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03
	HMC380	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
	HMC390	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
	HMC399	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
	HMC480	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMC490	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMC499	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
	HMD180	2.28E-05	1.07E-02	2.01E-03	8.65E-03	0.00E+00	0.00E+00	1.25E-01	1.18E-07	1.15E-05	7.13E-05	0.00E+00	2.11E-04	9.54E-10	2.79E-11	1.29E-03	2.31E-05	7.08E-04	0.00E+00	1.50E-05	3.54E-03	8.20E-02	0.00E+00	1.11E-10	1.44E-10	1.67E-05	4.25E-07	1.09E-02	0.00E+00	8.20E-02	2.01E-10	8.20E-02	9.30E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.44E-04
	HMD180T	3.11E-05	1.43E-02	2.69E-03	1.16E-02	0.00E+00	0.00E+00	1.67E-01	1.59E-07	1.54E-05	9.54E-05	0.00E+00	2.82E-04	1.28E-09	3.73E-11	1.72E-03	3.09E-05	9.49E-04	0.00E+00	2.01E-05	4.74E-03	1.10E-01	0.00E+00	1.48E-10	1.92E-10	2.23E-05	5.69E-07	1.46E-02	0.00E+00	1.10E-01	2.69E-10	1.10E-01	1.24E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.62E-04
	HMD190	2.62E-05	1.21E-02	2.28E-03	9.82E-03	0.00E+00	0.00E+00	1.42E-01	1.35E-07	1.30E-05	8.10E-05	0.00E+00	2.39E-04	1.08E-09	3.16E-11	1.46E-03	2.62E-05	8.05E-04	0.00E+00	1.70E-05	4.02E-03	9.31E-02	0.00E+00	1.26E-10	1.63E-10	1.89E-05	4.83E-07	1.24E-02	0.00E+00	9.31E-02	2.28E-10	9.31E-02	1.06E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.31E-04

HMD190T	2.99E-05	1.37E-02	2.59E-03	1.11E-02	0.00E+00	0.00E+00	1.61E-01	1.53E-07	1.48E-05	9.18E-05	0.00E+00	2.71E-04	1.23E-09	3.59E-11	1.66E-03	2.97E-05	9.13E-04	0.00E+00	1.93E-05	4.56E-03	1.06E-01	0.00E+00	1.43E-10	1.85E-10	2.15E-05	5.47E-07	1.41E-02	0.00E+00	1.06E-01	2.59E-10	1.06E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.29E-04
HMD199	4.37E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.11E-11	2.36E-03	4.23E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.01E-02	0.00E+00	1.50E-01	3.69E-10	1.50E-01	1.70E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
HMD199T	3.36E-05	1.52E-02	2.86E-03	1.23E-02	0.00E+00	0.00E+00	1.77E-01	1.69E-07	1.63E-05	1.02E-04	0.00E+00	3.00E-04	1.36E-09	3.97E-11	1.83E-03	3.28E-05	1.01E-03	0.00E+00	2.14E-05	5.04E-03	1.17E-01	0.00E+00	1.58E-10	2.04E-10	2.37E-05	6.05E-07	1.56E-02	0.00E+00	1.17E-01	2.86E-10	1.17E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.17E-04
HMD280	4.02E-05	1.82E-02	3.43E-03	1.48E-02	0.00E+00	0.00E+00	2.13E-01	2.02E-07	1.96E-05	1.22E-04	0.00E+00	3.60E-04	1.63E-09	4.75E-11	2.20E-03	3.94E-05	1.21E-03	0.00E+00	2.56E-05	6.04E-03	1.40E-01	0.00E+00	1.89E-10	2.45E-10	2.84E-05	7.25E-07	1.87E-02	0.00E+00	1.40E-01	3.43E-10	1.40E-01	1.59E-01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
HMD280T	2.57E-05	1.20E-02	2.25E-03	9.71E-03	0.00E+00	0.00E+00	1.40E-01	1.33E-07	1.29E-05	8.01E-05	0.00E+00	2.37E-04	1.07E-09	3.13E-11	1.44E-03	2.59E-05	7.95E-04	0.00E+00	1.68E-05	3.98E-03	9.21E-02	0.00E+00	1.24E-10	1.61E-10	1.87E-05	4.77E-07	1.23E-02	0.00E+00	9.21E-02	2.26E-10	9.21E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.23E-04
HMD290	4.91E-06	3.04E-03	5.75E-04	2.46E-03	0.00E+00	0.00E+00	3.57E-02	3.38E-08	3.28E-06	2.04E-05	0.00E+00	6.03E-05	2.73E-10	7.97E-12	3.66E-04	6.61E-06	1.99E-04	0.00E+00	4.26E-06	1.01E-03	2.34E-02	0.00E+00	3.17E-11	4.10E-11	4.77E-06	1.21E-07	3.12E-03	0.00E+00	2.34E-02	5.74E-11	2.34E-02	2.66E-02	3.12E-03	0.00E+00	0.00E+00	0.00E+00	1.83E-04
HMD290T	5.14E-05	2.31E-02	4.34E-03	1.87E-02	0.00E+00	0.00E+00	2.70E-01	2.56E-07	2.48E-05	1.54E-04	0.00E+00	4.56E-04	2.06E-09	6.03E-11	2.78E-03	4.99E-05	1.54E-03	0.00E+00	3.25E-05	7.66E-03	1.77E-01	0.00E+00	2.40E-10	3.10E-10	3.61E-05	9.19E-07	2.37E-02	0.00E+00	1.77E-01	4.35E-10	1.77E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
HMD299	4.33E-05	1.94E-02	3.66E-03	1.58E-02	0.00E+00	0.00E+00	2.27E-01	2.16E-07	2.09E-05	1.30E-04	0.00E+00	3.84E-04	1.74E-09	5.08E-11	2.35E-03	4.21E-05	1.29E-03	0.00E+00	2.74E-05	6.46E-03	1.50E-01	0.00E+00	2.02E-10	2.62E-10	3.04E-05	7.75E-07	1.99E-02	0.00E+00	1.50E-01	3.67E-10	1.50E-01	1.69E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
HMD299T	4.41E-05	1.98E-02	3.73E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.20E-07	2.13E-05	1.33E-04	0.00E+00	3.92E-04	1.77E-09	5.18E-11	2.39E-03	4.29E-05	1.32E-03	0.00E+00	2.79E-05	6.59E-03	1.52E-01	0.00E+00	2.06E-10	2.67E-10	3.10E-05	7.90E-07	2.03E-02	0.00E+00	1.52E-01	3.74E-10	1.52E-01	1.73E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
HMD380T	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMD390T	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMD399T	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMF180	2.28E-05	1.07E-02	2.01E-03	8.65E-03	0.00E+00	0.00E+00	1.25E-01	1.18E-07	1.15E-05	7.13E-05	0.00E+00	2.11E-04	9.54E-10	2.79E-11	1.29E-03	2.31E-05	7.08E-04	0.00E+00	1.50E-05	3.54E-03	8.20E-02	0.00E+00	1.11E-10	1.44E-10	1.67E-05	4.25E-07	1.09E-02	0.00E+00	8.20E-02	2.01E-10	8.20E-02	9.30E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.44E-04
HMF180T	6.52E-05	2.89E-02	5.45E-03	2.35E-02	0.00E+00	0.00E+00	3.38E-01	3.22E-07	3.11E-05	1.94E-04	0.00E+00	5.72E-04	2.59E-09	7.56E-11	3.49E-03	6.26E-05	1.93E-03	0.00E+00	4.07E-05	9.62E-03	2.23E-01	0.00E+00	3.01E-10	3.90E-10	4.52E-05	1.15E-06	2.97E-02	0.00E+00	2.23E-01	5.46E-10	2.23E-01	2.52E-01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
HMF190	3.59E-05	1.63E-02	3.07E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.81E-07	1.75E-05	1.09E-04	0.00E+00	3.22E-04	1.46E-09	4.26E-11	1.97E-03	3.52E-05	1.08E-03	0.00E+00	2.29E-05	5.41E-03	1.25E-01	0.00E+00	1.69E-10	2.19E-10	2.55E-05	6.49E-07	1.67E-02	0.00E+00	1.25E-01	3.07E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.84E-04
HMF190T	6.72E-05	2.98E-02	5.62E-03	2.42E-02	0.00E+00	0.00E+00	3.49E-01	3.31E-07	3.21E-05	1.99E-04	0.00E+00	5.90E-04	2.67E-09	7.79E-11	3.60E-03	6.45E-05	1.99E-03	0.00E+00	4.20E-05	9.92E-03	2.29E-01	0.00E+00	3.10E-10	4.02E-10	4.66E-05	1.19E-06	3.06E-02	0.00E+00	2.29E-01	5.63E-10	2.29E-01	2.60E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
HMF199	2.82E-05	1.29E-02	2.42E-03	1.04E-02	0.00E+00	0.00E+00	1.50E-01	1.43E-07	1.38E-05	8.61E-05	0.00E+00	2.54E-04	1.15E-09	3.36E-11	1.55E-03	2.78E-05	8.56E-04	0.00E+00	1.81E-05	4.27E-03	9.90E-02	0.00E+00	1.34E-10	1.73E-10	2.01E-05	5.13E-07	1.32E-02	0.00E+00	9.90E-02	2.43E-10	9.90E-02	1.12E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.77E-04
HMF199T	3.15E-05	1.43E-02	2.69E-03	1.16E-02	0.00E+00	0.00E+00	1.67E-01	1.59E-07	1.54E-05	9.55E-05	0.00E+00	2.82E-04	1.28E-09	3.73E-11	1.72E-03	3.09E-05	9.50E-04	0.00E+00	2.01E-05	4.74E-03	1.10E-01	0.00E+00	1.48E-10	1.92E-10	2.23E-05	5.69E-07	1.46E-02	0.00E+00	1.10E-01	2.69E-10	1.10E-01	1.24E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.62E-04
HMF280	4.27E-05	1.93E-02	3.63E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.14E-07	2.07E-05	1.29E-04	0.00E+00	3.81E-04	1.72E-09	5.04E-11	2.33E-03	4.17E-05	1.28E-03	0.00E+00	2.71E-05	6.40E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.01E-05	7.68E-07	1.98E-02	0.00E+00	1.48E-01	3.64E-10	1.48E-01	1.68E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
HMF280T	7.37E-05	3.27E-02	6.15E-03	2.65E-02	0.00E+00	0.00E+00	3.82E-01	3.63E-07	3.52E-05	2.19E-04	0.00E+00	6.46E-04	2.92E-09	8.54E-11	3.95E-03	7.07E-05	2.18E-03	0.00E+00	4.60E-05	1.09E-02	2.51E-01	0.00E+00	3.40E-10	4.40E-10	5.11E-05	1.30E-06	3.35E-02	0.00E+00	2.51E-01	6.17E-10	2.51E-01	2.85E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03
HMF290	2.63E-05	1.22E-02	2.31E-03	9.93E-03	0.00E+00	0.00E+00	1.43E-01	1.36E-07	1.32E-05	8.19E-05	0.00E+00	2.42E-04	1.10E-09	3.20E-11	1.48E-03	2.65E-05	8.13E-04	0.00E+00	1.72E-05	4.06E-03	9.42E-02	0.00E+00	1.27E-10	1.65E-10	1.91E-05	4.88E-07	1.26E-02	0.00E+00	9.42E-02	2.31E-10	9.42E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.39E-04
HMF290T	5.14E-05	2.31E-02	4.34E-03	1.87E-02	0.00E+00	0.00E+00	2.70E-01	2.56E-07	2.48E-05	1.54E-04	0.00E+00	4.56E-04	2.06E-09	6.03E-11	2.78E-03	4.99E-05	1.54E-03	0.00E+00	3.25E-05	7.66E-03	1.77E-01	0.00E+00	2.40E-10	3.10E-10	3.61E-05	9.19E-07	2.37E-02	0.00E+00	1.77E-01	4.35E-10	1.77E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
HMF299	5.92E-05	2.63E-02	4.95E-03	2.13E-02	0.00E+00	0.00E+00	3.08E-01	2.92E-07	2.83E-05	1.76E-04	0.00E+00	5.20E-04	2.35E-09	6.88E-11	3.18E-03	5.69E-05	1.75E-03	0.00E+00	3.70E-05	8.74E-03	2.02E-01	0.00E+00	2.74E-10	3.54E-10	4.11E-05	1.05E-06	2.70E-02	0.00E+00	2.02E-01	4.96E-10	2.02E-01	2.29E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
HMF299T	3.97E-05	1.79E-02	3.38E-03	1.45E-02	0.00E+00	0.00E+00	2.10E-01	1.99E-07	1.93E-05	1.20E-04	0.00E+00	3.54E-04	1.60E-09	4.69E-11	2.16E-03	3.88E-05	1.19E-03	0.00E+00	2.52E-05	5.96E-03	1.38E-01	0.00E+00	1.86E-10	2.41E-10	2.80E-05	7.15E-07	1.84E-02	0.00E+00	1.38E-01	3.38E-10	1.38E-01	1.56E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
HMF380	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMF380T	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMF390	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMF399T	1.56E-04	6.91E-02	1.30E-02	5.61E-02	0.00E+00	0.00E+00	8.09E-01	7.69E-07	7.44E-05	4.63E-04	0.00E+00	1.37E-03	6.18E-09	1.81E-10	8.35E-03	1.50E-04	4.61E-03	0.00E+00	9.74E-05	2.30E-02	5.32E-01	0.00E+00	7.19E-10	9.31E-10	1.08E-04	2.76E-06	7.10E-02	0.00E+00	5.32E-01	1.30E-09	5.32E-01	6.03E-01	7.10E-02	0.00E+00	0.00E+00	0.00E+00	4.18E-03
HMF480	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
HMF490	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
HMF499	2.15E-04	9.55E-02	1.80E-02	7.75E-02	0.00E+00	0.00E+00	1.12E+00	1.06E-06	1.03E-04	6.39E-04	0.00E+00	1.89E-03	8.54E-09	2.50E-10	1.15E-02	2.07E-04	6.37E-03	0.00E+00	1.34E-04	3.17E-02	7.35E-01	0.00E+00	9.93E-10	1.29E-09	1.49E-04	3.81E-06	9.80E-02	0.00E+00	7.35E-01	1.80E-09	7.35E-01	8.33E-01	9.80E-02	0.00E+00	0.00E+00	0.00E+00	5.77E-03
HMX110	6.52E-05	2.89E-02	5.45E-03	2.35E-02	0.00E+00	0.00E+00	3.38E-01	3.22E-07	3.11E-05	1.94E-04	0.00E+00	5.72E-04	2.59E-09	7.56E-11	3.49E-03	6.26E-05	1.93E-03	0.00E+00	4.07E-05	9.62E-03	2.23E-01	0.00E+00	3.01E-10	3.90E-10	4.52E-05	1.15E-06	2.97E-02	0.00E+00	2.23E-01	5.46E-10	2.23E-01	2.52E-01	2.97E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
HMX116	9.35E-05	3.73E-02	7.06E-03	3.02E-02	0.00E+00	0.00E+00	4.38E-01	4.15E-07	4.03E-05	2.50E-04	0.00E+00	7.41E-04	3.35E-09	9.79E-11	4.49E-03	8.11E-05	2.44E-03	0.00E+00	5.23E-05	1.24E-02	2.88E-01	0.00E+00	3.89E-10	5.03E-10	5.85E-05	1.49E-06	3.84E-02	0.00E+00	2.88E-01	7.04E-10	2.88E-01	3.26E-01	3.84E-02	0.00E+00	0.00E+00	0.00E+00	2.25E-03
HMX120	9.24E-05	3.67E-02	6.96E-03	2.98E-02	0.00E+00	0.00E+00	4.32E-01	4.10E-07	3.97E-05	2.47E-04	0.00E+00	7.30E-04	3.31E-09	9.65E-11	4.43E-03	8.00E-05	2.41E-03	0.00E+00	5.16E-05	1.22E-02	2.84E-01	0.00E+00	3.84E-10	4.96E-10	5.77E-05	1.47E-06	3.78E-02	0.00E+00	2.84E-01	6.94E-10	2.84E-01	3.21E-01	3.78E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-03
HMX125	1.09E-04	4.40E-02	8.33E-03	3.57E-02	0.00E+00	0.00E+00	5.17E-01	4.91E-07	4.76E-05	2.95E-04	0.00E+00	8.74E-04	3.96E-09	1.16E-10	5.31E-03	9.57E-05	2.90E-03	0.00E+00	6.19E-05	1.46E-02	3.40E-01	0.00E+00	4.60E-10	5.94E-10	6.91E-05	1.76E-06	4.53E-02	0.00E+00	3.40E-01	8.32E-10	3.40E-01	3.85E-01	4.53E-02	0.00E+00	0.00E+00	0.00E+00	2.66E-03
HMX132	1.03E-04	4.14E-02	7.85E-03	3.36E-02	0.00E+00	0.00E+00	4.87E-01	4.62E-07	4.48E-05	2.78E-04	0.00E+00	8.23E-04	3.73E-09	1.09E-10	4.99E-03	9.01E-05	2.72E-03	0.00E+00	5.82E-05	1.37E-02	3.20E-01	0.00E+00	4.33E-10	5.59E-10	6.50E-05	1.65E-06	4.26E-02	0.00E+00	3.20E-01	7.83E-10	3.20E-01	3.62E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	2.50E-03
HMX150	2.61E-05	1.20E-02	2.26E-03	9.71E-03	0.00E+00	0.00E+00	1.40E-01	1.33E-07	1.29E-05	8.01E-05	0.00E+00	2.37E-04	1.07E-09	3.13E-11	1.44E-03	2.59E-05	7.96E-04	0.00E+00	1.68E-05	3.98E-03	9.21E-02	0.00E+00	1.25E-10	1.61E-10	1.87E-05	4.77E-07	1.23E-02	0.00E+00	9.21E-02	2.26E-10	9.21E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.23E-04
HMX163	5.91E-05	2.62E-02	4.93E-03	2.12E-02	0.00E+00	0.00E+00	3.06E-01	2.91E-07	2.82E-05	1.75E-04	0.00E+00	5.18E-04	2.34E-09	6.84E-11	3.16E-03	5.66E-05	1.75E-03	0.00E+00	3.69E-05	8.70E-03	2.01E-01	0.00E+00	2.72E-10	3.52E-10	4.09E-05	1.04E-06	2.69E-02	0.00E+00	2.01E-01	4.94E-10	2.01E-01	2.28E-01	2.69E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
HMX216	1.03E-04	4.16E-02	7.88E-03	3.37E-02	0.00E+00	0.00E+00	4.89E-01	4.64E-07	4.50E-05	2.79E-04	0.00E+00	8.26E-04	3.74E-09	1.09E-10	5.01E-03	9.05E-05	2.73E-03	0.00E+00	5.84E-05	1.38E-02	3.21E-01	0.00E+00	4.34E-10	5.62E-10	6.53E-05	1.66E-06	4.28E-02	0.00E+00	3.21E-01	7.86E-10	3.21E-01	3.64E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
HMX220	1.22E-04	4.95E-02	9.36E-03	4.01E-02	0.00E+00	0.00E+00	5.81E-01	5.51E-07	5.34E-05	3.32E-04	0.00E+00	9.82E-04	4.44E-09	1.30E-10	5.96E-03	1.07E-04	3.26E-03	0.00E+00	6.95E-05	1.64E-02	3.81E-01	0.00E+00	5.16E-10	6.67E-10	7.76E-05	1.97E-06	5.09E-02	0.00E+00	3.81E-01	9.34E-10	3.81E-01	4.32E-01	5.09E-02	0.00E+00	0.00E+00	0.00E+00	2.99E-03
HMX225	9.43E-05	3.76E-02	7.12E-03	3.05E-02	0.00E+00	0.00E+00	4.42E-01	4.19E-07	4.06E-05	2.52E-04	0.00E+00	7.47E-04	3.38E-09	9.87E-11	4.53E-03	8.17E-05	2.46E-03	0.00E+00	5.28E-05	1.25E-02	2.90E-01	0.00E+00	3.92E-10	5.07E-10	5.90E-05	1.50E-06	3.87E-02	0.00E+00	2.90E-01	7.10E-10	2.90E-01	3.29E-01	3.87E-02	0.00E+00	0.00E+00	0.00E+00	2.27E-03
HMX232	1.04E-04	4.16E-02	7.88E-03	3.37E-02	0.00E+00	0.00E+00	4.89E-01	4.64E-07	4.50E-05	2.79E-04	0.00E+00	8.27E-04	3.74E-09	1.09E-10	5.02E-03	9.05E-05	2.74E-03	0.00E+00	5.85E-05	1.38E-02	3.21E-01	0.00E+00	4.35E-10	5.62E-10	6.53E-05	1.66E-06	4.28E-02	0.00E+00	3.21E-01	7.86E-10	3.21E-01	3.64E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
HMX240	9.10E-05	3.62E-02	6.86E-03	2.93E-02	0.00E+00	0.00E+00	4.26E-01	4.04E-07	3.92E-05	2.43E-04	0.00E+00	7.20E-04	3.26E-09	9.51E-11	4.36E-03	7.88E-05	2.37E-03	0.00E+00	5.09E-05	1.20E-02	2.80E-01	0.00E+00	3.78E-10	4.89E-10	5.69E-05	1.45E-06	3.73E-02	0.00E+00	2.80E-01	6.84E-10	2.80E-01	3.17E-01	3.73E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
HMX250	3.51E-05	1.59E-02	2.99E-03	1.29E-02	0.00E+00	0.00E+00	1.86E-01	1.76E-07	1.71E-05	1.06E-04	0.00E+00	3.14E-04	1.42E-09	4.15E-11	1.91E-03	3.43E-05	1.06E-03	0.00E+00	2.23E-05	5.27E-03	1.22E-01	0.00E+00	1.65E-10	2.14E-10	2.48E-05	6.32E-07	1.63E-02	0.00E+00	1.22E-01	2.99E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.58E-04
HMX263	4.01E-06	2.54E-03	4.83E-04	2.06E-03	0.00E+00	0.00E+00	3.00E-02	2.84E-08	2.76E-06	1.71E-05	0.00E+00	5.07E-05	2.29E-10	6.69E-12	3.06E-04	5.55E-06	1.66E-04	0.00E+00	3.57E-06	8.42E-04	1.97E-02	0.00E+00	2.66E-11	3.44E-11	4.00E-06	1.02E-07	2.62E-03	0.00E+00	1.97E-02	4.81E-11	1.97E-02	2.23E-02	2.62E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-04
HMX310	1.24E-04	5.14E-02	9.72E-03	4.17E-02	0.00E+00	0.00E+00	6.03E-01	5.72E-07	5.55E-05	3.45E-04	0.00E+00	1.02E-03	4.62E-09	1.35E-10	6.19E-03	1.12E-04	3.38E-03	0.00E+00	7.22E-05	1.70E-02	3.96E-01	0.00E+00	5.36E-10	6.93E-10	8.06E-05	2.05E-06	5.28E-02	0.00E+00	3.96E-01	9.70E-10	3.96E-01	4.49E-01	5.28E-02	0.00E+00	0.00E+00	0.00E+00	3.10E-03
HMX316	3.51E-04	1.49E-01	2.81E-02	1.21E-01	0.00E+00	0.00E+00	1.75E+00	1.66E-06	1.61E-04	9.99E-04	0.00E+00	2.95E-03	1.34E-08	3.91E-10	1.80E-02	3.23E-04	9.92E-03	0.00E+00	2.10E-04	4.96E-02	1.15E+00	0.00E+00	1.55E-09	2.01E-09	2.34E-04	5.96E-06	1.53E-01	0.00E+00	1.15E+00	2.82E-09	1.15E+00	1.30E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	9.02E-03
HMX320	1.27E-04	5.30E-02	1.00E-02	4.30E-02	0.00E+00	0.00E+00	6.22E-01	5.91E-07	5.73E-05	3.56E-04	0.00E+00	1.05E-03	4.76E-09	1.39E-10	6.39E-03	1.15E-04	3.49E-03	0.00E+00	7.45E-05	1.76E-02	4.09E-01	0.00E+00	5.53E-10	7.15E-10	8.31E-05	2.12E-06	5.45E-02	0.00E+00	4.09E-01	1.00E-09	4.09E-01	4.63E-01	5.45E-02	0.00E+00	0.00E+00	0.00E+00	3.20E-03
HMX325	1.40E-04	5.84E-02	1.10E-02	4.74E-02	0.00E+00	0.00E+00	6.86E-01	6.51E-07	6.31E-05	3.92E-04	0.00E+00	1.16E-03	5.25E-09	1.53E-10	7.04E-03	1.27E-04	3.85E-03	0.00E+00	8.21E-05	1.94E-02	4.50E-01	0.00E+00	6.09E-10	7.88E-10	9.16E-05	2.33E-06	6.01E-02	0.00E+00	4.50E-01	1.10E-09	4.50E-01	5.11E-01	6.01E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
HMX332	1.62E-04	6.81E-02	1.29E-02	5.52E-02	0.00E+00	0.00E+00	7.98E-01	7.58E-07	7.34E-05	4.56E-04	0.00E+00	1.35E-03	6.11E-09	1.78E-10	8.21E-03	1.48E-04	4.50E-03	0.00E+00	9.57E-05	2.26E-02	5.24E-01	0.00E+00	7.09E-10	9.18E-10	1.07E-04	2.72E-06	7.00E-02	0.00E+00	5.24E-01	1.29E-09	5.24E-01	5.94E-01	7.00E-02	0.00E+00	0.00E+00	0.00E+00	4.11E-03
HMX340	1.17E-04	4.87E-02	9.21E-03	3.95E-02	0.00E+00	0.00E+00	5.72E-01	5.42E-07	5.26E-05	3.27E-04	0.00E+00	9.67E-04	4.38E-09	1.28E-10	5.87E-03	1.06E-04	3.20E-03	0.00E+00	6.84E-05	1.61E-02	3.76E-01	0.00E+00	5.08E-10	6.57E-10	7.64E-05	1.94E-06	5.01E-02	0.00E+00	3.76E-01	9.20E-10	3.76E-01	4.26E-01	5.01E-02	0.00E+00	0.00E+00	0.00E+00	2.94E-03
HMX350	6.42E-05	2.96E-02	5.57E-03	2.40E-02	0.00E+00	0.00E+00	3.46E-01	3.29E-07	3.18E-05	1.98E-04	0.00E+00	5.85E-04	2.65E-09	7.73E-11	3.57E-03	6.40E-05	1.97E-03	0.00E+00	4.16E-05	9.83E-03	2.28E-01	0.00E+00	3.08E-10	3.98E-10	4.63E-05	1.18E-06	3.04E-02	0.00E+00	2.28E-01	5.58E-10	2.28E-01	2.58E-01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
HMX363	2.41E-05	1.24E-02	2.33E-03	1.00E-02	0.00E+00	0.00E+00	1.45E-01	1.38E-07	1.33E-05	8.29E-05	0.00E+00	2.45E-04	1.11E-09	3.24E-11	1.49E-03	2.68E-05	8.17E-04	0.00E+00	1.74E-05	4.10E-03	9.53E-02	0.00E+00	1.29E-10	1.67E-10	1.94E-05	4.93E-07	1.27E-02	0.00E+00	9.53E-02	2.33E-10	9.53E-02	1.08E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	7.46E-04
MA100Z	1.46E-05	6.22E-03	1.17E-03	5.05E-03	0.00E+00	0.00E+00	7.28E-02	6.92E-08	6.70E-06	4.16E-05	0.00E+00	1.23E-04	5.57E-10	1.63E-11	7.52E-04	1.35E-05	4.15E-04	0.00E+00	8.76E-06	2.07E-03	4.79E-02	0.00E+00	6.47E-11	8.38E-11	9.73E-06	2.48E-07	6.39E-03	0.00E+00	4.79E-02	1.17E-10	4.79E-02	5.43E-02	6.39E-03	0.00E+00	0.00E+00	0.00E+00	3.76E-04
MA101Z	1.92E-05	8.10E-03	1.52E-03	6.57E-03	0.00E+00	0.00E+00	9.47E-02	9.00E-08	8.72E-06	5.42E-05	0.00E+00	1.60E-04	7.24E-10	2.12E-11	9.78E-04	1.75E-05	5.40E-04	0.00E+00	1.14E-05	2.69E-03	6.23E-02	0.00E+00	8.42E-11	1.09E-10	1.27E-05	3.23E-07	8.31E-03	0.00E+00	6.23E-02	1.53E-10	6.23E-02	7.06E-02	8.31E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04
MA102Z	1.52E-05	6.40E-03	1.21E-03	5.20E-03	0.00E+00	0.00E+00	7.49E-02	7.12E-08	6.89E-06	4.28E-05	0.00E+00	1.27E-04	5.73E-10	1.67E-11	7.73E-04	1.39E-05	4.27E-04	0.00E+00	9.02E-06	2.13E-03	4.93E-02	0.00E+00	6.66E-11	8.62E-11	1.00E-05	2.55E-07	6.57E-03	0.00E+00	4.93E-02	1.21E-10	4.93E-02	5.58E-02	6.57E-03	0.00E+00	0.00E+00	0.00E+00	3.87E-04
MA103Z	1.51E-05	6.42E-03	1.21E-03	5.21E-03	0.00E+00	0.00E+00	7.51E-02	7.14E-08	6.91E-06	4.30E-05	0.00E+00	1.27E-04	5.75E-10	1.68E-11	7.75E-04	1.39E-05	4.28E-04	0.00E+00	9.04E-06	2.14E-03	4.94E-02	0.00E+00	6.68E-11	8.65E-11	1.00E-05	2.56E-07	6.59E-03	0.00E+00	4.94E-02	1.21E-10	4.94E-02	5.60E-02	6.59E-03	0.00E+00	0.00E+00	0.00E+00	3.88E-04
MA104Z	3.12E-06	1.28E-03	2.42E-04	1.04E-03	0.00E+00	0.00E+00	1.50E-02	1.43E-08	1.38E-06	8.59E-06	0.00E+00	2.54E-05	1.15E-10	3.36E-12	1.54E-04	2.78E-06	8.46E-05	0.00E+00	1.80E-06	4.25E-04	9.87E-03	0.00E+00	1.34E-11	1.73E-11	2.01E-06	5.11E-08	1.32E-03	0.00E+00	9.87E-03	2.42E-11	9.87E-03	1.12E-02	1.32E-03	0.00E+00	0.00E+00	0.00E+00	7.73E-05
MA106Z	1.20E-05	5.42E-03	1.02E-03	4.40E-03	0.00E+00	0.00E+00	6.34E-02	6.03E-08	5.84E-06	3.63E-05	0.00E+00	1.07E-04	4.85E-10	1.42E-11	6.55E-04	1.17E-05	3.61E-04	0.00E+00	7.63E-06	1.80E-03	4.17E-02	0.00E+00	5.64E-11	7.30E-11	8.48E-06	2.16E-07	5.57E-03	0.00E+00	4.17E-02	1.02E-10	4.17E-02	4.73E-02	5.57E-03	0.00E+00	0.00E+00	0.00E+00	3.28E-04
MA110Z	1.02E-05	4.66E-03	8.79E-04	3.79E-03	0.00E+00	0.00E+00	5.46E-02	5.18E-08	5.02E-06	3.12E-05	0.00E+00	9.22E-05	4.17E-10	1.22E-11	5.63E-04	1.01E-05	3.11E-04	0.00E+00	6.57E-06	1.55E-03	3.59E-02	0.00E+00	4.85E-11	6.28E-11	7.29E-06	1.86E-07	4.79E-03	0.00E+00	3.59E-02	8.80E-11	3.59E-02	4.07E-02	4.79E-03	0.00E+00	0.00E+00	0.00E+00	2.82E-04
MA116Z	1.09E-05	4.95E-03	9.33E-04	4.02E-03	0.00E+00	0.00E+00	5.79E-02	5.51E-08	5.33E-06	3.31E-05	0.00E+00	9.80E-05	4.43E-10	1.30E-11	5.98E-04	1.07E-05	3.30E-04	0.00E+00	6.97E-06	1.65E-03	3.81E-02	0.00E+00	5.15E-11	6.67E-11	7.75E-06	1.98E-07	5.08E-03	0.00E+00	3.81E-02	9.35E-11	3.81E-02	4.32E-02	5.08E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
MA120Z	1.00E-05	4.58E-03	8.63E-04	3.72E-03	0.00E+00	0.00E+00	5.36E-02	5.09E-08	4.93E-06	3.07E-05	0.00E+00	9.06E-05	4.10E-10	1.20E-11	5.53E-04	9.91E-06	3.05E-04	0.00E+00	6.45E-06	1.52E-03	3.53E-02	0.00E+00	4.77E-11	6.17E-11	7.17E-06	1.83E-07	4.70E-03	0.00E+00	3.53E-02	8.65E-11	3.53E-02	4.00E-02	4.70E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MA125Z	9.55E-06	4.36E-03	8.21E-04	3.54E-03	0.00E+00	0.00E+00	5.10E-02	4.85E-08	4.69E-06	2.92E-05	0.00E+00	8.62E-05	3.90E-10	1.14E-11	5.26E-04	9.44E-06	2.90E-04	0.00E+00	6.14E-06	1.45E-03	3.36E-02	0.00E+00	4.54E-11	5.87E-11	6.82E-06	1.74E-07	4.48E-03	0.00E+00	3.36E-02	8.23E-11	3.36E-02	3.80E-02	4.48E-03	0.00E+00	0.00E+00	0.00E+00	2.64E-04
MA132Z	2.20E-05	9.69E-03	1.82E-03	7.86E-03	0.00E+00	0.00E+00	1.13E-01	1.08E-07	1.04E-05	6.48E-05	0.00E+00	1.92E-04	8.66E-10	2.53E-11	1.17E-03	2.10E-05	6.46E-04	0.00E+00	1.36E-05	3.22E-03	7.45E-02	0.00E+00	1.01E-10	1.30E-10	1.51E-05	3.86E-07	9.94E-03	0.00E+00	7.45E-02	1.83E-10	7.45E-02	8.45E-02	9.94E-03	0.00E+00	0.00E+00	0.00E+00	5.86E-04
MA140Z	2.38E-05	1.05E-02	1.97E-03	8.49E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.13E-05	7.00E-05	0.00E+00	2.07E-04	9.36E-10	2.73E-11	1.26E-03	2.26E-05	6.98E-04	0.00E+00	1.47E-05	3.48E-03	8.05E-02	0.00E+00	1.09E-10	1.41E-10	1.64E-05	4.17E-07	1.07E-02	0.00E+00	8.05E-02	1.97E-10	8.05E-02	9.12E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.33E-04
MA150Z	2.67E-05	1.17E-02	2.20E-03	9.49E-03	0.00E+00	0.00E+00	1.37E-01	1.30E-07	1.26E-05	7.82E-05	0.00E+00	2.31E-04	1.05E-09	3.05E-11	1.41E-03	2.53E-05	7.80E-04	0.00E+00	1.65E-05	3.89E-03	8.99E-02	0.00E+00	1.22E-10	1.57E-10	1.83E-05	4.66E-07	1.20E-02	0.00E+00	8.99E-02	2.21E-10	8.99E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.07E-04
MA163Z	2.87E-05	1.26E-02	2.36E-03	1.02E-02	0.00E+00	0.00E+00	1.47E-01	1.39E-07	1.35E-05	8.39E-05	0.00E+00	2.48E-04	1.12E-09	3.28E-11	1.52E-03	2.71E-05	8.38E-04	0.00E+00	1.77E-05	4.17E-03	9.65E-02	0.00E+00	1.30E-10	1.69E-10	1.96E-05	5.01E-07	1.29E-02	0.00E+00	9.65E-02	2.37E-10	9.65E-02	1.09E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.59E-04
MA200Z	1.12E-06	6.23E-04	1.19E-04	5.03E-04	0.00E+00	0.00E+00	7.39E-03	6.98E-09	6.79E-07	4.21E-06	0.00E+00	1.25E-05	5.66E-11	1.65E-12	7.47E-05	1.37E-06	3.96E-05	0.00E+00	8.71E-07	2.05E-04	4.83E-03	0.00E+00	6.56E-12	8.45E-12	9.85E-07	2.49E-08	6.44E-04	0.00E+00	4.83E-03	1.18E-11	4.83E-03	5.48E-03	6.44E-04	0.00E+00	0.00E+00	0.00E+00	3.74E-05
MA201Z	3.51E-05	1.52E-02	2.85E-03	1.23E-02	0.00E+00	0.00E+00	1.77E-01	1.68E-07	1.63E-05	1.01E-04	0.00E+00	3.00E-04	1.36E-09	3.96E-11	1.83E-03	3.28E-05	1.01E-03	0.00E+00	2.13E-05	5.04E-03	1.17E-01	0.00E+00	1.58E-10	2.04E-10	2.37E-05	6.05E-07	1.56E-02	0.00E+00	1.17E-01	2.86E-10	1.17E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.16E-04
MA202Z	3.13E-05	1.35E-02	2.55E-03	1.10E-02	0.00E+00	0.00E+00	1.58E-01	1.50E-07	1.46E-05	9.05E-05	0.00E+00	2.68E-04	1.21E-09	3.54E-11	1.63E-03	2.93E-05	9.02E-04	0.00E+00	1.91E-05	4.50E-03	1.04E-01	0.00E+00	1.41E-10	1.82E-10	2.12E-05	5.40E-07	1.39E-02	0.00E+00	1.04E-01	2.55E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.18E-04
MA203Z	3.16E-05	1.37E-02	2.58E-03	1.11E-02	0.00E+00	0.00E+00	1.60E-01	1.52E-07	1.48E-05	9.18E-05	0.00E+00	2.71E-04	1.23E-09	3.59E-11	1.66E-03	2.97E-05	9.14E-04	0.00E+00	1.93E-05	4.56E-03	1.06E-01	0.00E+00	1.43E-10	1.85E-10	2.14E-05	5.47E-07	1.41E-02	0.00E+00	1.06E-01	2.59E-10	1.06E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.29E-04
MA204Z	2.52E-05	1.10E-02	2.07E-03	8.93E-03	0.00E+00	0.00E+00	1.29E-01	1.22E-07	1.18E-05	7.37E-05	0.00E+00	2.18E-04	9.85E-10	2.88E-11	1.33E-03	2.38E-05	7.33E-04	0.00E+00	1.55E-05	3.66E-03	8.47E-02	0.00E+00	1.14E-10	1.48E-10	1.72E-05	4.39E-07	1.13E-02	0.00E+00	8.47E-02	2.08E-10	8.47E-02	9.60E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.65E-04
MA206Z	1.94E-05	8.81E-03	1.66E-03	7.15E-03	0.00E+00	0.00E+00	1.03E-01	9.80E-08	9.49E-06	5.90E-05	0.00E+00	1.74E-04	7.88E-10	2.30E-11	1.06E-03	1.91E-05	5.87E-04	0.00E+00	1.24E-05	2.93E-03	6.78E-02	0.00E+00	9.17E-11	1.19E-10	1.38E-05	3.51E-07	9.05E-03	0.00E+00	6.78E-02	1.66E-10	6.78E-02	7.68E-02	9.05E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-04
MA210Z	1.77E-05	8.11E-03	1.53E-03	6.58E-03	0.00E+00	0.00E+00	9.49E-02	9.01E-08	8.73E-06	5.43E-05	0.00E+00	1.60E-04	7.26E-10	2.12E-11	9.79E-04	1.75E-05	5.40E-04	0.00E+00	1.14E-05	2.69E-03	6.24E-02	0.00E+00	8.43E-11	1.09E-10	1.27E-05	3.23E-07	8.32E-03	0.00E+00	6.24E-02	1.53E-10	6.24E-02	7.07E-02	8.32E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04
MA216Z	2.11E-05	9.55E-03	1.80E-03	7.75E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.39E-05	0.00E+00	1.89E-04	8.55E-10	2.50E-11	1.15E-03	2.07E-05	6.36E-04	0.00E+00	1.34E-05	3.17E-03	7.35E-02	0.00E+00	9.93E-11	1.29E-10	1.49E-05	3.81E-07	9.80E-03	0.00E+00	7.35E-02	1.80E-10	7.35E-02	8.33E-02	9.80E-03	0.00E+00	0.00E+00	0.00E+00	5.77E-04
MA220Z	2.07E-05	9.39E-03	1.77E-03	7.62E-03	0.00E+00	0.00E+00	1.10E-01	1.04E-07	1.01E-05	6.28E-05	0.00E+00	1.86E-04	8.40E-10	2.46E-11	1.13E-03	2.03E-05	6.25E-04	0.00E+00	1.32E-05	3.12E-03	7.23E-02	0.00E+00	9.77E-11	1.26E-10	1.47E-05	3.75E-07	9.64E-03	0.00E+00	7.23E-02	1.77E-10	7.23E-02	8.19E-02	9.64E-03	0.00E+00	0.00E+00	0.00E+00	5.68E-04
MA225Z	1.93E-05	8.81E-03	1.66E-03	7.15E-03	0.00E+00	0.00E+00	1.03E-01	9.80E-08	9.49E-06	5.90E-05	0.00E+00	1.74E-04	7.89E-10	2.30E-11	1.06E-03	1.91E-05	5.87E-04	0.00E+00	1.24E-05	2.93E-03	6.78E-02	0.00E+00	9.17E-11	1.19E-10	1.38E-05	3.51E-07	9.05E-03	0.00E+00	6.78E-02	1.66E-10	6.78E-02	7.69E-02	9.05E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-04
MA232Z	3.50E-05	1.55E-02	2.92E-03	1.26E-02	0.00E+00	0.00E+00	1.81E-01	1.72E-07	1.67E-05	1.04E-04	0.00E+00	3.06E-04	1.39E-09	4.05E-11	1.87E-03	3.35E-05	1.03E-03	0.00E+00	2.18E-05	5.15E-03	1.19E-01	0.00E+00	1.61E-10	2.09E-10	2.42E-05	6.18E-07	1.59E-02	0.00E+00	1.19E-01	2.93E-10	1.19E-01	1.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.37E-04
MA240Z	4.00E-05	1.77E-02	3.33E-03	1.43E-02	0.00E+00	0.00E+00	2.07E-01	1.96E-07	1.90E-05	1.18E-04	0.00E+00	3.49E-04	1.58E-09	4.62E-11	2.13E-03	3.82E-05	1.18E-03	0.00E+00	2.49E-05	5.87E-03	1.36E-01	0.00E+00	1.84E-10	2.38E-10	2.76E-05	7.05E-07	1.81E-02	0.00E+00	1.36E-01	3.33E-10	1.36E-01	1.54E-01	1.81E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
MA250Z	1.73E-05	7.87E-03	1.48E-03	6.39E-03	0.00E+00	0.00E+00	9.21E-02	8.75E-08	8.47E-06	5.27E-05	0.00E+00	1.56E-04	7.04E-10	2.06E-11	9.50E-04	1.70E-05	5.24E-04	0.00E+00	1.11E-05	2.62E-03	6.06E-02	0.00E+00	8.19E-11	1.06E-10	1.23E-05	3.14E-07	8.08E-03	0.00E+00	6.06E-02	1.49E-10	6.06E-02	6.86E-02	8.08E-03	0.00E+00	0.00E+00	0.00E+00	4.76E-04
MA263Z	2.12E-05	9.55E-03	1.80E-03	7.75E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.39E-05	0.00E+00	1.89E-04	8.54E-10	2.50E-11	1.15E-03	2.07E-05	6.36E-04	0.00E+00	1.34E-05	3.17E-03	7.35E-02	0.00E+00	9.93E-11	1.29E-10	1.49E-05	3.81E-07	9.80E-03	0.00E+00	7.35E-02	1.80E-10	7.35E-02	8.33E-02	9.80E-03	0.00E+00	0.00E+00	0.00E+00	5.77E-04

MA300Z	3.76E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.84E-07	1.78E-05	1.10E-04	0.00E+00	3.27E-04	1.48E-09	4.32E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.33E-05	5.49E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.59E-07	1.70E-02	0.00E+00	1.27E-01	3.12E-10	1.27E-01	1.44E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	9.98E-04
MA301Z	5.56E-05	2.42E-02	4.56E-03	1.96E-02	0.00E+00	0.00E+00	2.83E-01	2.69E-07	2.60E-05	1.62E-04	0.00E+00	4.78E-04	2.16E-09	6.32E-11	2.92E-03	5.23E-05	1.61E-03	0.00E+00	3.41E-05	8.04E-03	1.86E-01	0.00E+00	2.52E-10	3.26E-10	3.78E-05	9.65E-07	2.48E-02	0.00E+00	1.86E-01	4.57E-10	1.86E-01	2.11E-01	2.48E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
MA302Z	5.29E-05	2.30E-02	4.33E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.56E-07	2.48E-05	1.54E-04	0.00E+00	4.55E-04	2.06E-09	6.01E-11	2.78E-03	4.98E-05	1.53E-03	0.00E+00	3.24E-05	7.65E-03	1.77E-01	0.00E+00	2.39E-10	3.10E-10	3.60E-05	9.18E-07	2.36E-02	0.00E+00	1.77E-01	4.34E-10	1.77E-01	2.01E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MA303Z	4.06E-05	1.78E-02	3.35E-03	1.45E-02	0.00E+00	0.00E+00	2.08E-01	1.98E-07	1.92E-05	1.19E-04	0.00E+00	3.52E-04	1.59E-09	4.66E-11	2.15E-03	3.85E-05	1.19E-03	0.00E+00	2.51E-05	5.92E-03	1.37E-01	0.00E+00	1.85E-10	2.40E-10	2.79E-05	7.10E-07	1.83E-02	0.00E+00	1.37E-01	3.36E-10	1.37E-01	1.55E-01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	1.08E-03
MA304Z	3.75E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.84E-07	1.78E-05	1.10E-04	0.00E+00	3.27E-04	1.48E-09	4.32E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.49E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.59E-07	1.69E-02	0.00E+00	1.27E-01	3.12E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.98E-04
MA306Z	3.00E-05	1.36E-02	2.56E-03	1.10E-02	0.00E+00	0.00E+00	1.59E-01	1.51E-07	1.46E-05	9.10E-05	0.00E+00	2.69E-04	1.22E-09	3.55E-11	1.64E-03	2.94E-05	9.05E-04	0.00E+00	1.91E-05	4.52E-03	1.05E-01	0.00E+00	1.41E-10	1.83E-10	2.13E-05	5.42E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.22E-04
MA310Z	2.58E-05	1.18E-02	2.22E-03	9.58E-03	0.00E+00	0.00E+00	1.38E-01	1.31E-07	1.27E-05	7.90E-05	0.00E+00	2.34E-04	1.06E-09	3.09E-11	1.43E-03	2.56E-05	7.86E-04	0.00E+00	1.66E-05	3.92E-03	9.09E-02	0.00E+00	1.23E-10	1.59E-10	1.85E-05	4.71E-07	1.21E-02	0.00E+00	9.09E-02	2.23E-10	9.09E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.14E-04
MA316Z	2.71E-05	1.24E-02	2.33E-03	1.00E-02	0.00E+00	0.00E+00	1.45E-01	1.38E-07	1.33E-05	8.28E-05	0.00E+00	2.45E-04	1.11E-09	3.24E-11	1.49E-03	2.68E-05	8.24E-04	0.00E+00	1.74E-05	4.11E-03	9.52E-02	0.00E+00	1.29E-10	1.67E-10	1.94E-05	4.94E-07	1.27E-02	0.00E+00	9.52E-02	2.34E-10	9.52E-02	1.08E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	7.48E-04
MA320Z	3.19E-05	1.45E-02	2.72E-03	1.17E-02	0.00E+00	0.00E+00	1.69E-01	1.61E-07	1.56E-05	9.68E-05	0.00E+00	2.86E-04	1.29E-09	3.78E-11	1.75E-03	3.13E-05	9.63E-04	0.00E+00	2.04E-05	4.81E-03	1.11E-01	0.00E+00	1.50E-10	1.95E-10	2.26E-05	5.77E-07	1.48E-02	0.00E+00	1.11E-01	2.73E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.74E-04
MA325Z	2.79E-05	1.27E-02	2.39E-03	1.03E-02	0.00E+00	0.00E+00	1.49E-01	1.41E-07	1.37E-05	8.50E-05	0.00E+00	2.51E-04	1.14E-09	3.32E-11	1.53E-03	2.75E-05	8.46E-04	0.00E+00	1.79E-05	4.22E-03	9.77E-02	0.00E+00	1.32E-10	1.71E-10	1.99E-05	5.07E-07	1.30E-02	0.00E+00	9.77E-02	2.40E-10	9.77E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.68E-04
MA332Z	5.18E-05	2.30E-02	4.33E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.55E-07	2.47E-05	1.54E-04	0.00E+00	4.54E-04	2.06E-09	6.01E-11	2.77E-03	4.97E-05	1.53E-03	0.00E+00	3.24E-05	7.64E-03	1.77E-01	0.00E+00	2.39E-10	3.09E-10	3.59E-05	9.16E-07	2.36E-02	0.00E+00	1.77E-01	4.34E-10	1.77E-01	2.00E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MA340Z	5.17E-05	2.30E-02	4.33E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.56E-07	2.48E-05	1.54E-04	0.00E+00	4.55E-04	2.06E-09	6.01E-11	2.78E-03	4.98E-05	1.53E-03	0.00E+00	3.24E-05	7.65E-03	1.77E-01	0.00E+00	2.39E-10	3.10E-10	3.60E-05	9.17E-07	2.36E-02	0.00E+00	1.77E-01	4.34E-10	1.77E-01	2.01E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MA350Z	2.48E-05	1.13E-02	2.14E-03	9.20E-03	0.00E+00	0.00E+00	1.33E-01	1.26E-07	1.22E-05	7.59E-05	0.00E+00	2.24E-04	1.02E-09	2.97E-11	1.37E-03	2.46E-05	7.55E-04	0.00E+00	1.60E-05	3.77E-03	8.73E-02	0.00E+00	1.18E-10	1.53E-10	1.77E-05	4.52E-07	1.16E-02	0.00E+00	8.73E-02	2.14E-10	8.73E-02	9.89E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.86E-04
MA363Z	2.80E-05	1.27E-02	2.40E-03	1.03E-02	0.00E+00	0.00E+00	1.49E-01	1.42E-07	1.37E-05	8.53E-05	0.00E+00	2.52E-04	1.14E-09	3.33E-11	1.54E-03	2.76E-05	8.49E-04	0.00E+00	1.79E-05	4.24E-03	9.81E-02	0.00E+00	1.33E-10	1.72E-10	1.99E-05	5.08E-07	1.31E-02	0.00E+00	9.81E-02	2.41E-10	9.81E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.71E-04
MA400Z	3.77E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.31E-04	1.50E-09	4.38E-11	2.02E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.57E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.68E-07	1.72E-02	0.00E+00	1.29E-01	3.16E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MA401Z	8.26E-05	3.60E-02	6.78E-03	2.92E-02	0.00E+00	0.00E+00	4.21E-01	4.00E-07	3.88E-05	2.41E-04	0.00E+00	7.12E-04	3.22E-09	9.41E-11	4.35E-03	7.79E-05	2.40E-03	0.00E+00	5.07E-05	1.20E-02	2.77E-01	0.00E+00	3.74E-10	4.85E-10	5.63E-05	1.44E-06	3.70E-02	0.00E+00	2.77E-01	6.80E-10	2.77E-01	3.14E-01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
MA402Z	8.97E-05	3.90E-02	7.35E-03	3.17E-02	0.00E+00	0.00E+00	4.56E-01	4.34E-07	4.20E-05	2.61E-04	0.00E+00	7.72E-04	3.49E-09	1.02E-10	4.72E-03	8.44E-05	2.60E-03	0.00E+00	5.50E-05	1.30E-02	3.00E-01	0.00E+00	4.06E-10	5.26E-10	6.10E-05	1.56E-06	4.01E-02	0.00E+00	3.00E-01	7.37E-10	3.00E-01	3.40E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
MA403Z	3.76E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.31E-04	1.50E-09	4.38E-11	2.02E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.57E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.68E-07	1.72E-02	0.00E+00	1.29E-01	3.16E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MA404Z	3.76E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.31E-04	1.50E-09	4.38E-11	2.02E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.57E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.68E-07	1.72E-02	0.00E+00	1.29E-01	3.16E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MA406Z	4.07E-05	1.84E-02	3.47E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.05E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.81E-11	2.22E-03	3.99E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.42E-01	0.00E+00	1.92E-10	2.48E-10	2.88E-05	7.34E-07	1.89E-02	0.00E+00	1.42E-01	3.48E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
MA416Z	3.89E-05	1.77E-02	3.33E-03	1.44E-02	0.00E+00	0.00E+00	2.07E-01	1.97E-07	1.90E-05	1.18E-04	0.00E+00	3.50E-04	1.58E-09	4.63E-11	2.14E-03	3.83E-05	1.18E-03	0.00E+00	2.49E-05	5.88E-03	1.36E-01	0.00E+00	1.84E-10	2.38E-10	2.77E-05	7.06E-07	1.82E-02	0.00E+00	1.36E-01	3.34E-10	1.36E-01	1.54E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
MA420Z	4.06E-05	1.84E-02	3.47E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.05E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.81E-11	2.22E-03	3.98E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.42E-01	0.00E+00	1.92E-10	2.48E-10	2.88E-05	7.34E-07	1.89E-02	0.00E+00	1.42E-01	3.47E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
MA425Z	3.72E-05	1.70E-02	3.20E-03	1.38E-02	0.00E+00	0.00E+00	1.99E-01	1.89E-07	1.83E-05	1.14E-04	0.00E+00	3.36E-04	1.52E-09	4.44E-11	2.05E-03	3.67E-05	1.13E-03	0.00E+00	2.39E-05	5.64E-03	1.31E-01	0.00E+00	1.77E-10	2.29E-10	2.65E-05	6.77E-07	1.74E-02	0.00E+00	1.31E-01	3.20E-10	1.31E-01	1.48E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
MA432Z	7.99E-05	3.53E-02	6.64E-03	2.86E-02	0.00E+00	0.00E+00	4.13E-01	3.92E-07	3.80E-05	2.36E-04	0.00E+00	6.98E-04	3.16E-09	9.22E-11	4.26E-03	7.63E-05	2.35E-03	0.00E+00	4.97E-05	1.17E-02	2.71E-01	0.00E+00	3.67E-10	4.75E-10	5.52E-05	1.41E-06	3.62E-02	0.00E+00	2.71E-01	6.66E-10	2.71E-01	3.08E-01	3.62E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
MA440Z	7.98E-05	3.53E-02	6.64E-03	2.86E-02	0.00E+00	0.00E+00	4.13E-01	3.92E-07	3.80E-05	2.36E-04	0.00E+00	6.98E-04	3.16E-09	9.22E-11	4.26E-03	7.63E-05	2.35E-03	0.00E+00	4.97E-05	1.17E-02	2.71E-01	0.00E+00	3.67E-10	4.75E-10	5.52E-05	1.41E-06	3.62E-02	0.00E+00	2.71E-01	6.66E-10	2.71E-01	3.08E-01	3.62E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
MA450Z	4.27E-05	1.93E-02	3.63E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.14E-07	2.07E-05	1.29E-04	0.00E+00	3.81E-04	1.72E-09	5.04E-11	2.33E-03	4.17E-05	1.28E-03	0.00E+00	2.71E-05	6.41E-03	1.48E-01	0.00E+00	2.00E-10	2.60E-10	3.01E-05	7.69E-07	1.98E-02	0.00E+00	1.48E-01	3.64E-10	1.48E-01	1.68E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MA463Z	5.33E-05	2.39E-02	4.50E-03	1.94E-02	0.00E+00	0.00E+00	2.79E-01	2.66E-07	2.57E-05	1.60E-04	0.00E+00	4.72E-04	2.14E-09	6.24E-11	2.88E-03	5.17E-05	1.59E-03	0.00E+00	3.36E-05	7.94E-03	1.84E-01	0.00E+00	2.48E-10	3.22E-10	3.74E-05	9.53E-07	2.45E-02	0.00E+00	1.84E-01	4.51E-10	1.84E-01	2.08E-01	2.45E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
MB106A	4.32E-05	1.88E-02	3.54E-03	1.53E-02	0.00E+00	0.00E+00	2.20E-01	2.09E-07	2.02E-05	1.26E-04	0.00E+00	3.72E-04	1.68E-09	4.92E-11	2.27E-03	4.07E-05	1.26E-03	0.00E+00	2.65E-05	6.26E-03	1.45E-01	0.00E+00	1.96E-10	2.53E-10	2.94E-05	7.50E-07	1.93E-02	0.00E+00	1.45E-01	3.55E-10	1.45E-01	1.64E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
MB110A	1.13E-05	5.11E-03	9.62E-04	4.14E-03	0.00E+00	0.00E+00	5.97E-02	5.68E-08	5.50E-06	3.42E-05	0.00E+00	1.01E-04	4.57E-10	1.34E-11	6.17E-04	1.11E-05	3.40E-04	0.00E+00	7.19E-06	1.70E-03	3.93E-02	0.00E+00	5.31E-11	6.88E-11	7.99E-06	2.04E-07	5.24E-03	0.00E+00	3.93E-02	9.64E-11	3.93E-02	4.45E-02	5.24E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
MB113A	3.48E-05	1.52E-02	2.87E-03	1.24E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.01E-04	1.36E-09	3.98E-11	1.84E-03	3.29E-05	1.02E-03	0.00E+00	2.14E-05	5.06E-03	1.17E-01	0.00E+00	1.58E-10	2.05E-10	2.38E-05	6.07E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.20E-04
MB116A	1.01E-05	4.58E-03	8.64E-04	3.72E-03	0.00E+00	0.00E+00	5.36E-02	5.10E-08	4.94E-06	3.07E-05	0.00E+00	9.07E-05	4.10E-10	1.20E-11	5.54E-04	9.92E-06	3.05E-04	0.00E+00	6.45E-06	1.52E-03	3.53E-02	0.00E+00	4.77E-11	6.17E-11	7.17E-06	1.83E-07	4.71E-03	0.00E+00	3.53E-02	8.65E-11	3.53E-02	4.00E-02	4.71E-03	0.00E+00	0.00E+00	0.00E+00	2.77E-04
MB120A	8.95E-06	4.10E-03	7.72E-04	3.32E-03	0.00E+00	0.00E+00	4.79E-02	4.55E-08	4.41E-06	2.74E-05	0.00E+00	8.10E-05	3.67E-10	1.07E-11	4.95E-04	8.87E-06	2.73E-04	0.00E+00	5.77E-06	1.36E-03	3.15E-02	0.00E+00	4.26E-11	5.52E-11	6.41E-06	1.63E-07	4.21E-03	0.00E+00	3.15E-02	7.73E-11	3.15E-02	3.57E-02	4.21E-03	0.00E+00	0.00E+00	0.00E+00	2.48E-04
MB125A	1.31E-05	5.88E-03	1.11E-03	4.78E-03	0.00E+00	0.00E+00	6.88E-02	6.54E-08	6.33E-06	3.94E-05	0.00E+00	1.16E-04	5.26E-10	1.54E-11	7.10E-04	1.27E-05	3.92E-04	0.00E+00	8.28E-06	1.96E-03	4.53E-02	0.00E+00	6.12E-11	7.92E-11	9.20E-06	2.35E-07	6.04E-03	0.00E+00	4.53E-02	1.11E-10	4.53E-02	5.13E-02	6.04E-03	0.00E+00	0.00E+00	0.00E+00	3.56E-04
MB132A	2.75E-05	1.21E-02	2.27E-03	9.80E-03	0.00E+00	0.00E+00	1.41E-01	1.34E-07	1.30E-05	8.07E-05	0.00E+00	2.39E-04	1.08E-09	3.15E-11	1.46E-03	2.61E-05	8.05E-04	0.00E+00	1.70E-05	4.01E-03	9.28E-02	0.00E+00	1.25E-10	1.62E-10	1.89E-05	4.81E-07	1.24E-02	0.00E+00	9.28E-02	2.28E-10	9.28E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.30E-04
MB140A	3.11E-05	1.36E-02	2.56E-03	1.10E-02	0.00E+00	0.00E+00	1.59E-01	1.51E-07	1.46E-05	9.10E-05	0.00E+00	2.69E-04	1.22E-09	3.56E-11	1.64E-03	2.94E-05	9.08E-04	0.00E+00	1.92E-05	4.53E-03	1.05E-01	0.00E+00	1.41E-10	1.83E-10	2.13E-05	5.43E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.23E-04
MB150A	3.39E-05	1.48E-02	2.78E-03	1.20E-02	0.00E+00	0.00E+00	1.73E-01	1.64E-07	1.59E-05	9.88E-05	0.00E+00	2.92E-04	1.32E-09	3.86E-11	1.78E-03	3.19E-05	9.86E-04	0.00E+00	2.08E-05	4.91E-03	1.14E-01	0.00E+00	1.54E-10	1.99E-10	2.31E-05	5.89E-07	1.52E-02	0.00E+00	1.14E-01	2.79E-10	1.14E-01	1.29E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.93E-04
MB163A	3.73E-05	1.62E-02	3.06E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.80E-07	1.75E-05	1.09E-04	0.00E+00	3.21E-04	1.45E-09	4.24E-11	1.96E-03	3.51E-05	1.08E-03	0.00E+00	2.29E-05	5.40E-03	1.25E-01	0.00E+00	1.69E-10	2.18E-10	2.54E-05	6.47E-07	1.67E-02	0.00E+00	1.25E-01	3.06E-10	1.25E-01	1.41E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.81E-04
MB197	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MB199	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MB206A	9.42E-05	4.10E-02	7.72E-03	3.33E-02	0.00E+00	0.00E+00	4.79E-01	4.56E-07	4.41E-05	2.74E-04	0.00E+00	8.11E-04	3.67E-09	1.07E-10	4.95E-03	8.87E-05	2.74E-03	0.00E+00	5.78E-05	1.36E-02	3.15E-01	0.00E+00	4.26E-10	5.52E-10	6.41E-05	1.64E-06	4.21E-02	0.00E+00	3.15E-01	7.74E-10	3.15E-01	3.58E-01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	2.48E-03
MB210A	9.11E-05	3.97E-02	7.48E-03	3.22E-02	0.00E+00	0.00E+00	4.64E-01	4.41E-07	4.27E-05	2.66E-04	0.00E+00	7.85E-04	3.55E-09	1.04E-10	4.80E-03	8.59E-05	2.65E-03	0.00E+00	5.59E-05	1.32E-02	3.06E-01	0.00E+00	4.13E-10	5.35E-10	6.21E-05	1.58E-06	4.08E-02	0.00E+00	3.06E-01	7.49E-10	3.06E-01	3.46E-01	4.08E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
MB213A	8.09E-05	3.53E-02	6.64E-03	2.86E-02	0.00E+00	0.00E+00	4.12E-01	3.92E-07	3.80E-05	2.36E-04	0.00E+00	6.97E-04	3.15E-09	9.22E-11	4.26E-03	7.63E-05	2.36E-03	0.00E+00	4.97E-05	1.17E-02	2.71E-01	0.00E+00	3.67E-10	4.75E-10	5.52E-05	1.41E-06	3.62E-02	0.00E+00	2.71E-01	6.66E-10	2.71E-01	3.08E-01	3.62E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
MB216A	8.53E-05	3.72E-02	6.99E-03	3.02E-02	0.00E+00	0.00E+00	4.34E-01	4.13E-07	4.00E-05	2.49E-04	0.00E+00	7.34E-04	3.32E-09	9.71E-11	4.49E-03	8.04E-05	2.48E-03	0.00E+00	5.23E-05	1.24E-02	2.86E-01	0.00E+00	3.86E-10	5.00E-10	5.81E-05	1.48E-06	3.81E-02	0.00E+00	2.86E-01	7.01E-10	2.86E-01	3.24E-01	3.81E-02	0.00E+00	0.00E+00	0.00E+00	2.25E-03
MB220A	5.60E-05	2.46E-02	4.63E-03	1.99E-02	0.00E+00	0.00E+00	2.87E-01	2.73E-07	2.64E-05	1.64E-04	0.00E+00	4.86E-04	2.20E-09	6.42E-11	2.97E-03	5.31E-05	1.64E-03	0.00E+00	3.46E-05	8.17E-03	1.89E-01	0.00E+00	2.55E-10	3.31E-10	3.84E-05	9.80E-07	2.52E-02	0.00E+00	1.89E-01	4.64E-10	1.89E-01	2.14E-01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MB225A	1.96E-05	8.92E-03	1.68E-03	7.24E-03	0.00E+00	0.00E+00	1.04E-01	9.92E-08	9.60E-06	5.97E-05	0.00E+00	1.76E-04	7.98E-10	2.33E-11	1.08E-03	1.93E-05	5.94E-04	0.00E+00	1.26E-05	2.96E-03	6.86E-02	0.00E+00	9.28E-11	1.20E-10	1.40E-05	3.56E-07	9.16E-03	0.00E+00	6.86E-02	1.68E-10	6.86E-02	7.78E-02	9.16E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04
MB232A	6.84E-05	2.99E-02	5.62E-03	2.43E-02	0.00E+00	0.00E+00	3.49E-01	3.32E-07	3.21E-05	2.00E-04	0.00E+00	5.90E-04	2.67E-09	7.81E-11	3.61E-03	6.46E-05	1.99E-03	0.00E+00	4.21E-05	9.93E-03	2.30E-01	0.00E+00	3.11E-10	4.02E-10	4.67E-05	1.19E-06	3.07E-02	0.00E+00	2.30E-01	5.64E-10	2.30E-01	2.60E-01	3.07E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
MB240A	5.81E-05	2.55E-02	4.80E-03	2.07E-02	0.00E+00	0.00E+00	2.98E-01	2.83E-07	2.74E-05	1.70E-04	0.00E+00	5.03E-04	2.28E-09	6.66E-11	3.08E-03	5.51E-05	1.70E-03	0.00E+00	3.59E-05	8.47E-03	1.96E-01	0.00E+00	2.65E-10	3.43E-10	3.98E-05	1.02E-06	2.61E-02	0.00E+00	1.96E-01	4.81E-10	1.96E-01	2.22E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
MB250A	6.97E-05	3.04E-02	5.72E-03	2.47E-02	0.00E+00	0.00E+00	3.56E-01	3.38E-07	3.27E-05	2.03E-04	0.00E+00	6.01E-04	2.72E-09	7.95E-11	3.67E-03	6.58E-05	2.03E-03	0.00E+00	4.28E-05	1.01E-02	2.34E-01	0.00E+00	3.16E-10	4.09E-10	4.75E-05	1.21E-06	3.12E-02	0.00E+00	2.34E-01	5.74E-10	2.34E-01	2.65E-01	3.12E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
MB263A	7.14E-05	3.12E-02	5.87E-03	2.53E-02	0.00E+00	0.00E+00	3.64E-01	3.46E-07	3.35E-05	2.08E-04	0.00E+00	6.16E-04	2.79E-09	8.14E-11	3.76E-03	6.74E-05	2.08E-03	0.00E+00	4.39E-05	1.04E-02	2.40E-01	0.00E+00	3.24E-10	4.20E-10	4.87E-05	1.24E-06	3.20E-02	0.00E+00	2.40E-01	5.88E-10	2.40E-01	2.72E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
MB306A	1.30E-04	5.67E-02	1.07E-02	4.60E-02	0.00E+00	0.00E+00	6.62E-01	6.30E-07	6.10E-05	3.79E-04	0.00E+00	1.12E-03	5.07E-09	1.48E-10	6.84E-03	1.23E-04	3.78E-03	0.00E+00	7.98E-05	1.88E-02	4.36E-01	0.00E+00	5.89E-10	7.63E-10	8.86E-05	2.26E-06	5.81E-02	0.00E+00	4.36E-01	1.07E-09	4.36E-01	4.94E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	3.43E-03
MB310A	1.32E-04	5.76E-02	1.08E-02	4.68E-02	0.00E+00	0.00E+00	6.73E-01	6.40E-07	6.20E-05	3.85E-04	0.00E+00	1.14E-03	5.15E-09	1.51E-10	6.96E-03	1.25E-04	3.85E-03	0.00E+00	8.11E-05	1.92E-02	4.43E-01	0.00E+00	5.99E-10	7.75E-10	9.00E-05	2.30E-06	5.91E-02	0.00E+00	4.43E-01	1.09E-09	4.43E-01	5.02E-01	5.91E-02	0.00E+00	0.00E+00	0.00E+00	3.48E-03
MB313A	1.26E-04	5.50E-02	1.04E-02	4.47E-02	0.00E+00	0.00E+00	6.43E-01	6.12E-07	5.92E-05	3.68E-04	0.00E+00	1.09E-03	4.92E-09	1.44E-10	6.65E-03	1.19E-04	3.67E-03	0.00E+00	7.75E-05	1.83E-02	4.23E-01	0.00E+00	5.72E-10	7.41E-10	8.60E-05	2.19E-06	5.65E-02	0.00E+00	4.23E-01	1.04E-09	4.23E-01	4.80E-01	5.65E-02	0.00E+00	0.00E+00	0.00E+00	3.33E-03
MB316A	3.03E-05	1.37E-02	2.59E-03	1.11E-02	0.00E+00	0.00E+00	1.61E-01	1.53E-07	1.48E-05	9.19E-05	0.00E+00	2.72E-04	1.23E-09	3.59E-11	1.66E-03	2.97E-05	9.14E-04	0.00E+00	1.93E-05	4.56E-03	1.06E-01	0.00E+00	1.43E-10	1.85E-10	2.15E-05	5.48E-07	1.41E-02	0.00E+00	1.06E-01	2.59E-10	1.06E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.30E-04
MB320A	7.35E-05	3.23E-02	6.08E-03	2.62E-02	0.00E+00	0.00E+00	3.78E-01	3.59E-07	3.48E-05	2.16E-04	0.00E+00	6.39E-04	2.89E-09	8.44E-11	3.90E-03	6.99E-05	2.16E-03	0.00E+00	4.55E-05	1.07E-02	2.49E-01	0.00E+00	3.36E-10	4.35E-10	5.05E-05	1.29E-06	3.32E-02	0.00E+00	2.49E-01	6.10E-10	2.49E-01	2.82E-01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
MB325A	2.83E-05	1.29E-02	2.43E-03	1.05E-02	0.00E+00	0.00E+00	1.51E-01	1.43E-07	1.39E-05	8.63E-05	0.00E+00	2.55E-04	1.15E-09	3.37E-11	1.56E-03	2.79E-05	8.58E-04	0.00E+00	1.81E-05	4.28E-03	9.92E-02	0.00E+00	1.34E-10	1.74E-10	2.02E-05	5.14E-07	1.32E-02	0.00E+00	9.92E-02	2.43E-10	9.92E-02	1.12E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.79E-04
MB332A	1.16E-04	5.05E-02	9.50E-03	4.10E-02	0.00E+00	0.00E+00	5.90E-01	5.61E-07	5.43E-05	3.38E-04	0.00E+00	9.98E-04	4.51E-09	1.32E-10	6.10E-03	1.09E-04	3.37E-03	0.00E+00	7.11E-05	1.68E-02	3.88E-01	0.00E+00	5.25E-10	6.80E-10	7.89E-05	2.01E-06	5.18E-02	0.00E+00	3.88E-01	9.53E-10	3.88E-01	4.40E-01	5.18E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-03
MB340A	8.52E-05	3.74E-02	7.04E-03	3.04E-02	0.00E+00	0.00E+00	4.37E-01	4.16E-07	4.03E-05	2.50E-04	0.00E+00	7.40E-04	3.35E-09	9.78E-11	4.52E-03	8.09E-05	2.50E-03	0.00E+00	5.27E-05	1.24E-02	2.88E-01	0.00E+00	3.89E-10	5.04E-10	5.85E-05	1.49E-06	3.84E-02	0.00E+00	2.88E-01	7.06E-10	2.88E-01	3.26E-01	3.84E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
MB350A	9.76E-05	4.27E-02	8.04E-03	3.47E-02	0.00E+00	0.00E+00	4.99E-01	4.74E-07	4.59E-05	2.86E-04	0.00E+00	8.44E-04	3.82E-09	1.12E-10	5.16E-03	9.23E-05	2.85E-03	0.00E+00	6.01E-05	1.42E-02	3.28E-01	0.00E+00	4.44E-10	5.75E-10	6.67E-05	1.70E-06	4.38E-02	0.00E+00	3.28E-01	8.06E-10	3.28E-01	3.72E-01	4.38E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
MB363A	1.13E-04	4.92E-02	9.26E-03	3.99E-02	0.00E+00	0.00E+00	5.75E-01	5.47E-07	5.29E-05	3.29E-04	0.00E+00	9.72E-04	4.40E-09	1.29E-10	5.94E-03	1.06E-04	3.28E-03	0.00E+00	6.93E-05	1.64E-02	3.78E-01	0.00E+00	5.11E-10	6.62E-10	7.69E-05	1.96E-06	5.05E-02	0.00E+00	3.78E-01	9.28E-10	3.78E-01	4.29E-01	5.05E-02	0.00E+00	0.00E+00	0.00E+00	2.97E-03
MB406A	4.32E-05	1.95E-02	3.67E-03	1.58E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.30E-04	0.00E+00	3.86E-04	1.74E-09	5.10E-11	2.35E-03	4.22E-05	1.30E-03	0.00E+00	2.74E-05	6.48E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.78E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MB410A	3.99E-05	1.81E-02	3.41E-03	1.47E-02	0.00E+00	0.00E+00	2.12E-01	2.01E-07	1.95E-05	1.21E-04	0.00E+00	3.58E-04	1.62E-09	4.73E-11	2.18E-03	3.91E-05	1.20E-03	0.00E+00	2.55E-05	6.01E-03	1.39E-01	0.00E+00	1.88E-10	2.44E-10	2.83E-05	7.22E-07	1.86E-02	0.00E+00	1.39E-01	3.41E-10	1.39E-01	1.58E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
MB413A	1.57E-04	6.86E-02	1.29E-02	5.57E-02	0.00E+00	0.00E+00	8.02E-01	7.63E-07	7.38E-05	4.59E-04	0.00E+00	1.36E-03	6.14E-09	1.79E-10	8.29E-03	1.48E-04	4.58E-03	0.00E+00	9.66E-05	2.28E-02	5.28E-01	0.00E+00	7.13E-10	9.24E-10	1.07E-04	2.74E-06	7.04E-02	0.00E+00	5.28E-01	1.29E-09	5.28E-01	5.98E-01	7.04E-02	0.00E+00	0.00E+00	0.00E+00	4.15E-03
MB416A	1.25E-04	5.46E-02	1.03E-02	4.43E-02	0.00E+00	0.00E+00	6.38E-01	6.06E-07	5.87E-05	3.65E-04	0.00E+00	1.08E-03	4.88E-09	1.43E-10	6.59E-03	1.18E-04	3.64E-03	0.00E+00	7.68E-05	1.81E-02	4.20E-01	0.00E+00	5.67E-10	7.34E-10	8.53E-05	2.18E-06	5.60E-02	0.00E+00	4.20E-01	1.03E-09	4.20E-01	4.76E-01	5.60E-02	0.00E+00	0.00E+00	0.00E+00	3.30E-03
MB420A	9.89E-05	4.35E-02	8.19E-03	3.53E-02	0.00E+00	0.00E+00	5.09E-01	4.84E-07	4.68E-05	2.91E-04	0.00E+00	8.60E-04	3.89E-09	1.14E-10	5.26E-03	9.41E-05	2.90E-03	0.00E+00	6.13E-05	1.45E-02	3.35E-01	0.00E+00	4.52E-10	5.86E-10	6.80E-05	1.74E-06	4.47E-02	0.00E+00	3.35E-01	8.21E-10	3.35E-01	3.79E-01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	2.63E-03
MB425A	4.06E-05	1.84E-02	3.47E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.05E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.81E-11	2.22E-03	3.98E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.42E-01	0.00E+00	1.92E-10	2.48E-10	2.88E-05	7.34E-07	1.89E-02	0.00E+00	1.42E-01	3.47E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
MB432A	1.37E-04	5.99E-02	1.13E-02	4.86E-02	0.00E+00	0.00E+00	7.00E-01	6.66E-07	6.44E-05	4.01E-04	0.00E+00	1.18E-03	5.36E-09	1.56E-10	7.23E-03	1.30E-04	4.00E-03	0.00E+00	8.43E-05	1.99E-02	4.61E-01	0.00E+00	6.23E-10	8.06E-10	9.36E-05	2.39E-06	6.15E-02	0.00E+00	4.61E-01	1.13E-09	4.61E-01	5.22E-01	6.15E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
MB440A	1.16E-04	5.09E-02	9.58E-03	4.13E-02	0.00E+00	0.00E+00	5.95E-01	5.66E-07	5.48E-05	3.40E-04	0.00E+00	1.01E-03	4.55E-09	1.33E-10	6.15E-03	1.10E-04	3.40E-03	0.00E+00	7.17E-05	1.69E-02	3.92E-01	0.00E+00	5.29E-10	6.85E-10	7.96E-05	2.03E-06	5.22E-02	0.00E+00	3.92E-01	9.60E-10	3.92E-01	4.44E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
MB450A	1.28E-04	5.58E-02	1.05E-02	4.53E-02	0.00E+00	0.00E+00	6.53E-01	6.21E-07	6.01E-05	3.73E-04	0.00E+00	1.10E-03	4.99E-09	1.46E-10	6.74E-03	1.21E-04	3.73E-03	0.00E+00	7.86E-05	1.86E-02	4.30E-01	0.00E+00	5.81E-10	7.52E-10	8.73E-05	2.23E-06	5.73E-02	0.00E+00	4.30E-01	1.05E-09	4.30E-01	4.87E-01	5.73E-02	0.00E+00	0.00E+00	0.00E+00	3.38E-03
MB463A	1.52E-04	6.62E-02	1.25E-02	5.38E-02	0.00E+00	0.00E+00	7.74E-01	7.36E-07	7.13E-05	4.43E-04	0.00E+00	1.31E-03	5.92E-09	1.73E-10	8.00E-03	1.43E-04	4.42E-03	0.00E+00	9.33E-05	2.20E-02	5.09E-01	0.00E+00	6.88E-10	8.92E-10	1.04E-04	2.64E-06	6.80E-02	0.00E+00	5.09E-01	1.25E-09	5.09E-01	5.77E-01	6.80E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-03
MB506A	8.56E-05	3.73E-02	7.03E-03	3.03E-02	0.00E+00	0.00E+00	4.36E-01	4.15E-07	4.02E-05	2.50E-04	0.00E+00	7.38E-04	3.34E-09	9.76E-11	4.51E-03	8.07E-05	2.49E-03	0.00E+00	5.26E-05	1.24E-02	2.87E-01	0.00E+00	3.88E-10	5.03E-10	5.84E-05	1.49E-06	3.83E-02	0.00E+00	2.87E-01	7.05E-10	2.87E-01	3.26E-01	3.83E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
MB510A	8.56E-05	3.73E-02	7.03E-03	3.03E-02	0.00E+00	0.00E+00	4.36E-01	4.15E-07	4.02E-05	2.50E-04	0.00E+00	7.38E-04	3.34E-09	9.76E-11	4.51E-03	8.07E-05	2.49E-03	0.00E+00	5.26E-05	1.24E-02	2.87E-01	0.00E+00	3.88E-10	5.03E-10	5.84E-05	1.49E-06	3.83E-02	0.00E+00	2.87E-01	7.05E-10	2.87E-01	3.26E-01	3.83E-02	0.00E+00	0.00E+00	0.00E+00	2.26E-03
MB513A	6.55E-05	2.87E-02	5.40E-03	2.33E-02	0.00E+00	0.00E+00	3.35E-01	3.19E-07	3.09E-05	1.92E-04	0.00E+00	5.67E-04	2.56E-09	7.49E-11	3.46E-03	6.20E-05	1.91E-03	0.00E+00	4.04E-05	9.54E-03	2.21E-01	0.00E+00	2.98E-10	3.86E-10	4.48E-05	1.14E-06	2.94E-02	0.00E+00	2.21E-01	5.41E-10	2.21E-01	2.50E-01	2.94E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
MB516A	2.37E-05	1.07E-02	2.02E-03	8.70E-03	0.00E+00	0.00E+00	1.25E-01	1.19E-07	1.15E-05	7.17E-05	0.00E+00	2.12E-04	9.59E-10	2.80E-11	1.29E-03	2.32E-05	7.14E-04	0.00E+00	1.51E-05	3.56E-03	8.25E-02	0.00E+00	1.12E-10	1.44E-10	1.68E-05	4.28E-07	1.10E-02	0.00E+00	8.25E-02	2.02E-10	8.25E-02	9.35E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.48E-04
MB520A	2.42E-05	1.10E-02	2.07E-03	8.94E-03	0.00E+00	0.00E+00	1.29E-01	1.22E-07	1.19E-05	7.37E-05	0.00E+00	2.18E-04	9.85E-10	2.88E-11	1.33E-03	2.38E-05	7.34E-04	0.00E+00	1.55E-05	3.66E-03	8.47E-02	0.00E+00	1.15E-10	1.48E-10	1.72E-05	4.39E-07	1.13E-02	0.00E+00	8.47E-02	2.08E-10	8.47E-02	9.60E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.66E-04
MB525A	2.38E-05	1.08E-02	2.04E-03	8.80E-03	0.00E+00	0.00E+00	1.27E-01	1.21E-07	1.17E-05	7.26E-05	0.00E+00	2.14E-04	9.70E-10	2.84E-11	1.31E-03	2.35E-05	7.23E-04	0.00E+00	1.53E-05	3.61E-03	8.34E-02	0.00E+00	1.13E-10	1.46E-10	1.70E-05	4.33E-07	1.11E-02	0.00E+00	8.34E-02	2.05E-10	8.34E-02	9.46E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.56E-04
MB532A	1.82E-05	8.37E-03	1.58E-03	6.80E-03	0.00E+00	0.00E+00	9.80E-02	9.31E-08	9.02E-06	5.60E-05	0.00E+00	1.66E-04	7.50E-10	2.19E-11	1.01E-03	1.81E-05	5.58E-04	0.00E+00	1.18E-05	2.78E-03	6.45E-02	0.00E+00	8.71E-11	1.13E-10	1.31E-05	3.34E-07	8.60E-03	0.00E+00	6.45E-02	1.58E-10	6.45E-02	7.31E-02	8.60E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-04
MB563A	6.06E-05	2.66E-02	5.01E-03	2.16E-02	0.00E+00	0.00E+00	3.11E-01	2.96E-07	2.86E-05	1.78E-04	0.00E+00	5.26E-04	2.38E-09	6.96E-11	3.22E-03	5.76E-05	1.78E-03	0.00E+00	3.75E-05	8.85E-03	2.05E-01	0.00E+00	2.77E-10	3.58E-10	4.16E-05	1.06E-06	2.73E-02	0.00E+00	2.05E-01	5.02E-10	2.05E-01	2.32E-01	2.73E-02	0.00E+00	0.00E+00	0.00E+00	1.61E-03
MBA150	2.87E-05	1.27E-02	2.38E-03	1.03E-02	0.00E+00	0.00E+00	1.48E-01	1.41E-07	1.36E-05	8.47E-05	0.00E+00	2.50E-04	1.13E-09	3.31E-11	1.53E-03	2.74E-05	8.45E-04	0.00E+00	1.78E-05	4.21E-03	9.74E-02	0.00E+00	1.32E-10	1.70E-10	1.98E-05	5.05E-07	1.30E-02	0.00E+00	9.74E-02	2.39E-10	9.74E-02	1.10E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.66E-04
MBA163	1.21E-05	5.55E-03	1.05E-03	4.51E-03	0.00E+00	0.00E+00	6.50E-02	6.17E-08	5.98E-06	3.72E-05	0.00E+00	1.10E-04	4.97E-10	1.45E-11	6.71E-04	1.20E-05	3.70E-04	0.00E+00	7.82E-06	1.85E-03	4.27E-02	0.00E+00	5.78E-11	7.48E-11	8.69E-06	2.22E-07	5.70E-03	0.00E+00	4.27E-02	1.05E-10	4.27E-02	4.84E-02	5.70E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
MBA232	9.18E-05	4.01E-02	7.55E-03	3.25E-02	0.00E+00	0.00E+00	4.69E-01	4.46E-07	4.31E-05	2.68E-04	0.00E+00	7.92E-04	3.59E-09	1.05E-10	4.84E-03	8.67E-05	2.68E-03	0.00E+00	5.65E-05	1.33E-02	3.08E-01	0.00E+00	4.17E-10	5.40E-10	6.27E-05	1.60E-06	4.11E-02	0.00E+00	3.08E-01	7.57E-10	3.08E-01	3.50E-01	4.11E-02	0.00E+00	0.00E+00	0.00E+00	2.42E-03
MBN006	3.00E-05	1.32E-02	2.49E-03	1.07E-02	0.00E+00	0.00E+00	1.54E-01	1.47E-07	1.42E-05	8.83E-05	0.00E+00	2.61E-04	1.18E-09	3.45E-11	1.59E-03	2.85E-05	8.81E-04	0.00E+00	1.86E-05	4.39E-03	1.02E-01	0.00E+00	1.37E-10	1.78E-10	2.06E-05	5.27E-07	1.35E-02	0.00E+00	1.02E-01	2.49E-10	1.02E-01	1.15E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	7.98E-04

MBN010	3.11E-05	1.37E-02	2.57E-03	1.11E-02	0.00E+00	0.00E+00	1.60E-01	1.52E-07	1.47E-05	9.13E-05	0.00E+00	2.70E-04	1.22E-09	3.57E-11	1.65E-03	2.95E-05	9.11E-04	0.00E+00	1.92E-05	4.54E-03	1.05E-01	0.00E+00	1.42E-10	1.84E-10	2.13E-05	5.45E-07	1.40E-02	0.00E+00	1.05E-01	2.58E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.26E-04
MBN013	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN016	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN020	1.13E-05	5.12E-03	9.65E-04	4.16E-03	0.00E+00	0.00E+00	5.99E-02	5.70E-08	5.52E-06	3.43E-05	0.00E+00	1.01E-04	4.58E-10	1.34E-11	6.19E-04	1.11E-05	3.41E-04	0.00E+00	7.21E-06	1.70E-03	3.94E-02	0.00E+00	5.33E-11	6.90E-11	8.01E-06	2.04E-07	5.26E-03	0.00E+00	3.94E-02	9.67E-11	3.94E-02	4.47E-02	5.26E-03	0.00E+00	0.00E+00	0.00E+00	3.10E-04
MBN025	1.30E-05	5.85E-03	1.10E-03	4.75E-03	0.00E+00	0.00E+00	6.84E-02	6.50E-08	6.29E-06	3.91E-05	0.00E+00	1.16E-04	5.23E-10	1.53E-11	7.06E-04	1.27E-05	3.90E-04	0.00E+00	8.23E-06	1.94E-03	4.50E-02	0.00E+00	6.08E-11	7.87E-11	9.14E-06	2.33E-07	6.00E-03	0.00E+00	4.50E-02	1.10E-10	4.50E-02	5.10E-02	6.00E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
MBN032	3.04E-05	1.33E-02	2.51E-03	1.08E-02	0.00E+00	0.00E+00	1.56E-01	1.48E-07	1.43E-05	8.91E-05	0.00E+00	2.63E-04	1.19E-09	3.48E-11	1.61E-03	2.88E-05	8.89E-04	0.00E+00	1.88E-05	4.43E-03	1.02E-01	0.00E+00	1.38E-10	1.79E-10	2.08E-05	5.31E-07	1.37E-02	0.00E+00	1.02E-01	2.51E-10	1.02E-01	1.16E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	8.05E-04
MBN040	3.06E-05	1.34E-02	2.53E-03	1.09E-02	0.00E+00	0.00E+00	1.57E-01	1.49E-07	1.44E-05	8.98E-05	0.00E+00	2.65E-04	1.20E-09	3.51E-11	1.62E-03	2.90E-05	8.96E-04	0.00E+00	1.89E-05	4.46E-03	1.03E-01	0.00E+00	1.40E-10	1.81E-10	2.10E-05	5.35E-07	1.38E-02	0.00E+00	1.03E-01	2.53E-10	1.03E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.12E-04
MBN106	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN106A	3.47E-05	1.52E-02	2.87E-03	1.24E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.01E-04	1.36E-09	3.98E-11	1.84E-03	3.29E-05	1.02E-03	0.00E+00	2.14E-05	5.06E-03	1.17E-01	0.00E+00	1.58E-10	2.05E-10	2.38E-05	6.07E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.20E-04
MBN106E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN106W	2.52E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.94E-10	2.91E-11	1.34E-03	2.40E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.55E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.43E-07	1.14E-02	0.00E+00	8.55E-02	2.10E-10	8.55E-02	9.69E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MBN110	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MBN110E	2.22E-05	1.04E-02	2.26E-03	8.17E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.06E-05	6.70E-05	0.00E+00	1.40E-04	8.72E-10	2.76E-11	1.18E-03	2.11E-05	6.50E-04	0.00E+00	1.65E-05	3.94E-03	7.51E-02	0.00E+00	1.02E-10	1.31E-10	1.56E-05	4.06E-07	9.95E-03	0.00E+00	7.51E-02	-5.93E-09	7.51E-02	8.50E-02	9.95E-03	0.00E+00	0.00E+00	0.00E+00	7.07E-04
MBN110W	9.10E-06	4.79E-03	1.20E-03	3.59E-03	0.00E+00	0.00E+00	4.81E-02	4.57E-08	4.57E-06	2.92E-05	0.00E+00	2.84E-05	3.67E-10	1.28E-11	4.98E-04	8.88E-06	2.75E-04	0.00E+00	8.53E-06	2.06E-03	3.17E-02	0.00E+00	4.38E-11	5.49E-11	6.78E-06	1.81E-07	4.15E-03	0.00E+00	3.17E-02	6.04E-09	3.17E-02	3.58E-02	4.15E-03	0.00E+00	0.00E+00	0.00E+00	3.66E-04
MBN113	1.11E-05	5.04E-03	9.49E-04	4.09E-03	0.00E+00	0.00E+00	5.90E-02	5.60E-08	5.43E-06	3.37E-05	0.00E+00	9.97E-05	4.51E-10	1.32E-11	6.09E-04	1.09E-05	3.36E-04	0.00E+00	7.10E-06	1.68E-03	3.88E-02	0.00E+00	5.24E-11	6.79E-11	7.88E-06	2.01E-07	5.17E-03	0.00E+00	3.88E-02	9.51E-11	3.88E-02	4.40E-02	5.17E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
MBN113E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN116E	1.61E-05	7.20E-03	1.36E-03	5.84E-03	0.00E+00	0.00E+00	8.42E-02	8.00E-08	7.75E-06	4.82E-05	0.00E+00	1.42E-04	6.44E-10	1.88E-11	8.69E-04	1.56E-05	4.80E-04	0.00E+00	1.01E-05	2.39E-03	5.54E-02	0.00E+00	7.49E-11	9.69E-11	1.13E-05	2.87E-07	7.39E-03	0.00E+00	5.54E-02	1.36E-10	5.54E-02	6.28E-02	7.39E-03	0.00E+00	0.00E+00	0.00E+00	4.35E-04
MBN116W	7.14E-06	3.94E-03	1.04E-03	2.90E-03	0.00E+00	0.00E+00	3.82E-02	3.62E-08	3.66E-06	2.36E-05	0.00E+00	1.17E-05	2.92E-10	1.06E-11	3.95E-04	7.05E-06	2.18E-04	0.00E+00	7.34E-06	1.78E-03	2.51E-02	0.00E+00	3.50E-11	4.35E-11	5.45E-06	1.47E-07	3.28E-03	0.00E+00	2.51E-02	6.05E-09	2.51E-02	2.84E-02	3.28E-03	0.00E+00	0.00E+00	0.00E+00	3.15E-04
MBN120	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MBN120E	1.23E-05	5.58E-03	1.05E-03	4.53E-03	0.00E+00	0.00E+00	6.52E-02	6.20E-08	6.00E-06	3.73E-05	0.00E+00	1.10E-04	4.99E-10	1.46E-11	6.73E-04	1.21E-05	3.71E-04	0.00E+00	7.85E-06	1.85E-03	4.29E-02	0.00E+00	5.80E-11	7.51E-11	8.72E-06	2.22E-07	5.72E-03	0.00E+00	4.29E-02	1.05E-10	4.29E-02	4.86E-02	5.72E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MBN125	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN125A	1.30E-05	5.85E-03	1.10E-03	4.75E-03	0.00E+00	0.00E+00	6.84E-02	6.50E-08	6.29E-06	3.91E-05	0.00E+00	1.16E-04	5.23E-10	1.53E-11	7.06E-04	1.27E-05	3.90E-04	0.00E+00	8.23E-06	1.94E-03	4.50E-02	0.00E+00	6.08E-11	7.87E-11	9.14E-06	2.33E-07	6.00E-03	0.00E+00	4.50E-02	1.10E-10	4.50E-02	5.10E-02	6.00E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MBN125E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN125W	3.75E-05	1.64E-02	3.09E-03	1.33E-02	0.00E+00	0.00E+00	1.92E-01	1.82E-07	1.76E-05	1.10E-04	0.00E+00	3.24E-04	1.47E-09	4.28E-11	1.98E-03	3.55E-05	1.09E-03	0.00E+00	2.31E-05	5.45E-03	1.26E-01	0.00E+00	1.70E-10	2.21E-10	2.56E-05	6.54E-07	1.68E-02	0.00E+00	1.26E-01	3.09E-10	1.26E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.92E-04
MBN132	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN132A	3.02E-05	1.33E-02	2.49E-03	1.08E-02	0.00E+00	0.00E+00	1.55E-01	1.47E-07	1.43E-05	8.86E-05	0.00E+00	2.62E-04	1.18E-09	3.46E-11	1.60E-03	2.87E-05	8.84E-04	0.00E+00	1.87E-05	4.41E-03	1.02E-01	0.00E+00	1.38E-10	1.78E-10	2.07E-05	5.28E-07	1.36E-02	0.00E+00	1.02E-01	2.50E-10	1.02E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	8.01E-04
MBN132E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBN132W	7.28E-05	3.16E-02	5.95E-03	2.56E-02	0.00E+00	0.00E+00	3.69E-01	3.51E-07	3.40E-05	2.11E-04	0.00E+00	6.24E-04	2.82E-09	8.25E-11	3.82E-03	6.83E-05	2.11E-03	0.00E+00	4.45E-05	1.05E-02	2.43E-01	0.00E+00	3.28E-10	4.25E-10	4.94E-05	1.26E-06	3.24E-02	0.00E+00	2.43E-01	5.96E-10	2.43E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
MBN140	2.47E-05	1.09E-02	2.05E-03	8.84E-03	0.00E+00	0.00E+00	1.27E-01	1.21E-07	1.17E-05	7.28E-05	0.00E+00	2.15E-04	9.74E-10	2.85E-11	1.32E-03	2.36E-05	7.27E-04	0.00E+00	1.53E-05	3.62E-03	8.38E-02	0.00E+00	1.13E-10	1.47E-10	1.70E-05	4.34E-07	1.12E-02	0.00E+00	8.38E-02	2.05E-10	8.38E-02	9.49E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.58E-04
MBN140A	3.00E-05	1.32E-02	2.48E-03	1.07E-02	0.00E+00	0.00E+00	1.54E-01	1.46E-07	1.42E-05	8.80E-05	0.00E+00	2.60E-04	1.18E-09	3.44E-11	1.59E-03	2.84E-05	8.78E-04	0.00E+00	1.85E-05	4.37E-03	1.01E-01	0.00E+00	1.37E-10	1.77E-10	2.06E-05	5.25E-07	1.35E-02	0.00E+00	1.01E-01	2.48E-10	1.01E-01	1.15E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	7.95E-04
MBN140E	1.24E-05	5.58E-03	1.05E-03	4.53E-03	0.00E+00	0.00E+00	6.52E-02	6.20E-08	6.00E-06	3.73E-05	0.00E+00	1.10E-04	4.99E-10	1.46E-11	6.74E-04	1.21E-05	3.72E-04	0.00E+00	7.85E-06	1.85E-03	4.29E-02	0.00E+00	5.80E-11	7.51E-11	8.72E-06	2.23E-07	5.73E-03	0.00E+00	4.29E-02	1.05E-10	4.29E-02	4.86E-02	5.73E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MBN140W	7.38E-05	3.20E-02	6.02E-03	2.60E-02	0.00E+00	0.00E+00	3.74E-01	3.56E-07	3.44E-05	2.14E-04	0.00E+00	6.32E-04	2.86E-09	8.36E-11	3.86E-03	6.92E-05	2.14E-03	0.00E+00	4.51E-05	1.06E-02	2.46E-01	0.00E+00	3.33E-10	4.31E-10	5.00E-05	1.28E-06	3.28E-02	0.00E+00	2.46E-01	6.04E-10	2.46E-01	2.79E-01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
MBN150	2.75E-05	1.21E-02	2.27E-03	9.80E-03	0.00E+00	0.00E+00	1.41E-01	1.34E-07	1.30E-05	8.07E-05	0.00E+00	2.39E-04	1.08E-09	3.15E-11	1.46E-03	2.61E-05	8.05E-04	0.00E+00	1.70E-05	4.01E-03	9.28E-02	0.00E+00	1.25E-10	1.62E-10	1.89E-05	4.81E-07	1.24E-02	0.00E+00	9.28E-02	2.28E-10	9.28E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.30E-04
MBN150E	2.67E-05	1.17E-02	2.21E-03	9.53E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.26E-05	7.86E-05	0.00E+00	2.32E-04	1.05E-09	3.07E-11	1.42E-03	2.54E-05	7.84E-04	0.00E+00	1.65E-05	3.91E-03	9.04E-02	0.00E+00	1.22E-10	1.58E-10	1.84E-05	4.68E-07	1.21E-02	0.00E+00	9.04E-02	2.22E-10	9.04E-02	1.02E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.10E-04
MBN150W	2.50E-05	1.10E-02	2.07E-03	8.91E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.34E-05	0.00E+00	2.17E-04	9.82E-10	2.87E-11	1.33E-03	2.37E-05	7.33E-04	0.00E+00	1.55E-05	3.65E-03	8.45E-02	0.00E+00	1.14E-10	1.48E-10	1.72E-05	4.38E-07	1.13E-02	0.00E+00	8.45E-02	2.07E-10	8.45E-02	9.57E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.64E-04
MBN163	2.89E-05	1.27E-02	2.39E-03	1.03E-02	0.00E+00	0.00E+00	1.48E-01	1.41E-07	1.37E-05	8.49E-05	0.00E+00	2.51E-04	1.13E-09	3.32E-11	1.53E-03	2.74E-05	8.47E-04	0.00E+00	1.79E-05	4.22E-03	9.76E-02	0.00E+00	1.32E-10	1.71E-10	1.98E-05	5.06E-07	1.30E-02	0.00E+00	9.76E-02	2.39E-10	9.76E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.67E-04
MBN163A	3.80E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.63E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MBN163E	2.40E-05	1.06E-02	1.99E-03	8.57E-03	0.00E+00	0.00E+00	1.23E-01	1.17E-07	1.14E-05	7.06E-05	0.00E+00	2.09E-04	9.44E-10	2.76E-11	1.27E-03	2.28E-05	7.04E-04	0.00E+00	1.49E-05	3.51E-03	8.12E-02	0.00E+00	1.10E-10	1.42E-10	1.65E-05	4.21E-07	1.08E-02	0.00E+00	8.12E-02	1.99E-10	8.12E-02	9.20E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.38E-04
MBN163W	3.08E-05	1.35E-02	2.54E-03	1.10E-02	0.00E+00	0.00E+00	1.58E-01	1.50E-07	1.45E-05	9.03E-05	0.00E+00	2.67E-04	1.21E-09	3.53E-11	1.63E-03	2.92E-05	9.01E-04	0.00E+00	1.90E-05	4.49E-03	1.04E-01	0.00E+00	1.40E-10	1.82E-10	2.11E-05	5.39E-07	1.39E-02	0.00E+00	1.04E-01	2.55E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.16E-04
MBN206	6.30E-05	2.76E-02	5.20E-03	2.24E-02	0.00E+00	0.00E+00	3.23E-01	3.07E-07	2.97E-05	1.85E-04	0.00E+00	5.46E-04	2.47E-09	7.21E-11	3.33E-03	5.97E-05	1.84E-03	0.00E+00	3.89E-05	9.18E-03	2.12E-01	0.00E+00	2.87E-10	3.72E-10	4.32E-05	1.10E-06	2.83E-02	0.00E+00	2.12E-01	5.21E-10	2.12E-01	2.41E-01	2.83E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
MBN206E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN210	5.92E-05	2.60E-02	4.89E-03	2.11E-02	0.00E+00	0.00E+00	3.04E-01	2.89E-07	2.79E-05	1.74E-04	0.00E+00	5.13E-04	2.32E-09	6.78E-11	3.14E-03	5.61E-05	1.73E-03	0.00E+00	3.66E-05	8.63E-03	2.00E-01	0.00E+00	2.70E-10	3.50E-10	4.06E-05	1.04E-06	2.66E-02	0.00E+00	2.00E-01	4.90E-10	2.00E-01	2.26E-01	2.66E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
MBN210E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN213	3.18E-05	1.42E-02	2.67E-03	1.15E-02	0.00E+00	0.00E+00	1.66E-01	1.57E-07	1.52E-05	9.48E-05	0.00E+00	2.80E-04	1.27E-09	3.70E-11	1.71E-03	3.07E-05	9.45E-04	0.00E+00	1.99E-05	4.71E-03	1.09E-01	0.00E+00	1.47E-10	1.91E-10	2.22E-05	5.65E-07	1.45E-02	0.00E+00	1.09E-01	2.67E-10	1.09E-01	1.24E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.57E-04
MBN213E	4.42E-05	1.95E-02	3.67E-03	1.58E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.30E-04	0.00E+00	3.85E-04	1.74E-09	5.09E-11	2.35E-03	4.22E-05	1.30E-03	0.00E+00	2.74E-05	6.48E-03	1.50E-01	0.00E+00	2.03E-10	2.62E-10	3.05E-05	7.77E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MBN216	3.89E-05	1.72E-02	3.24E-03	1.40E-02	0.00E+00	0.00E+00	2.01E-01	1.91E-07	1.85E-05	1.15E-04	0.00E+00	3.40E-04	1.54E-09	4.50E-11	2.08E-03	3.72E-05	1.15E-03	0.00E+00	2.42E-05	5.72E-03	1.32E-01	0.00E+00	1.79E-10	2.32E-10	2.69E-05	6.87E-07	1.77E-02	0.00E+00	1.32E-01	3.25E-10	1.32E-01	1.50E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
MBN216A	1.12E-04	4.87E-02	9.16E-03	3.95E-02	0.00E+00	0.00E+00	5.69E-01	5.41E-07	5.24E-05	3.25E-04	0.00E+00	9.62E-04	4.35E-09	1.27E-10	5.88E-03	1.05E-04	3.25E-03	0.00E+00	6.85E-05	1.62E-02	3.74E-01	0.00E+00	5.06E-10	6.55E-10	7.61E-05	1.94E-06	4.99E-02	0.00E+00	3.74E-01	9.18E-10	3.74E-01	4.24E-01	4.99E-02	0.00E+00	0.00E+00	0.00E+00	2.94E-03
MBN216E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN220	1.98E-05	9.00E-03	1.69E-03	7.30E-03	0.00E+00	0.00E+00	1.05E-01	1.00E-07	9.69E-06	6.02E-05	0.00E+00	1.78E-04	8.05E-10	2.35E-11	1.09E-03	1.95E-05	5.99E-04	0.00E+00	1.27E-05	2.99E-03	6.92E-02	0.00E+00	9.36E-11	1.21E-10	1.41E-05	3.59E-07	9.24E-03	0.00E+00	6.92E-02	1.70E-10	6.92E-02	7.85E-02	9.24E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04
MBN220A	8.69E-05	3.78E-02	7.12E-03	3.07E-02	0.00E+00	0.00E+00	4.42E-01	4.21E-07	4.07E-05	2.53E-04	0.00E+00	7.48E-04	3.38E-09	9.89E-11	4.57E-03	8.18E-05	2.53E-03	0.00E+00	5.33E-05	1.26E-02	2.91E-01	0.00E+00	3.93E-10	5.09E-10	5.92E-05	1.51E-06	3.88E-02	0.00E+00	2.91E-01	7.14E-10	2.91E-01	3.30E-01	3.88E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03
MBN220E	2.13E-05	9.65E-03	1.82E-03	7.83E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.45E-05	0.00E+00	1.91E-04	8.63E-10	2.52E-11	1.16E-03	2.09E-05	6.42E-04	0.00E+00	1.36E-05	3.21E-03	7.42E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.85E-07	9.90E-03	0.00E+00	7.42E-02	1.82E-10	7.42E-02	8.41E-02	9.90E-03	0.00E+00	0.00E+00	0.00E+00	5.83E-04
MBN225	2.18E-05	9.86E-03	1.86E-03	8.00E-03	0.00E+00	0.00E+00	1.15E-01	1.10E-07	1.06E-05	6.60E-05	0.00E+00	1.95E-04	8.82E-10	2.58E-11	1.19E-03	2.13E-05	6.57E-04	0.00E+00	1.39E-05	3.28E-03	7.59E-02	0.00E+00	1.03E-10	1.33E-10	1.54E-05	3.93E-07	1.01E-02	0.00E+00	7.59E-02	1.86E-10	7.59E-02	8.60E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.96E-04
MBN225A	3.46E-05	1.53E-02	2.89E-03	1.25E-02	0.00E+00	0.00E+00	1.79E-01	1.71E-07	1.65E-05	1.03E-04	0.00E+00	3.03E-04	1.37E-09	4.01E-11	1.85E-03	3.32E-05	1.02E-03	0.00E+00	2.16E-05	5.10E-03	1.18E-01	0.00E+00	1.60E-10	2.07E-10	2.40E-05	6.12E-07	1.57E-02	0.00E+00	1.18E-01	2.89E-10	1.18E-01	1.34E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.27E-04
MBN225E	2.18E-05	9.86E-03	1.86E-03	8.00E-03	0.00E+00	0.00E+00	1.15E-01	1.10E-07	1.06E-05	6.60E-05	0.00E+00	1.95E-04	8.82E-10	2.58E-11	1.19E-03	2.13E-05	6.57E-04	0.00E+00	1.39E-05	3.28E-03	7.59E-02	0.00E+00	1.03E-10	1.33E-10	1.54E-05	3.93E-07	1.01E-02	0.00E+00	7.59E-02	1.86E-10	7.59E-02	8.60E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.96E-04
MBN232	5.85E-05	2.57E-02	4.83E-03	2.08E-02	0.00E+00	0.00E+00	3.00E-01	2.85E-07	2.76E-05	1.72E-04	0.00E+00	5.07E-04	2.29E-09	6.70E-11	3.10E-03	5.55E-05	1.71E-03	0.00E+00	3.61E-05	8.53E-03	1.97E-01	0.00E+00	2.67E-10	3.45E-10	4.01E-05	1.02E-06	2.63E-02	0.00E+00	1.97E-01	4.84E-10	1.97E-01	2.24E-01	2.63E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
MBN232A	4.26E-05	1.88E-02	3.54E-03	1.53E-02	0.00E+00	0.00E+00	2.20E-01	2.09E-07	2.02E-05	1.26E-04	0.00E+00	3.72E-04	1.68E-09	4.91E-11	2.27E-03	4.07E-05	1.25E-03	0.00E+00	2.65E-05	6.25E-03	1.45E-01	0.00E+00	1.96E-10	2.53E-10	2.94E-05	7.50E-07	1.93E-02	0.00E+00	1.45E-01	3.55E-10	1.45E-01	1.64E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
MBN232E	1.70E-05	7.80E-03	1.47E-03	6.33E-03	0.00E+00	0.00E+00	9.13E-02	8.68E-08	8.40E-06	5.22E-05	0.00E+00	1.54E-04	6.99E-10	2.04E-11	9.42E-04	1.69E-05	5.19E-04	0.00E+00	1.10E-05	2.59E-03	6.01E-02	0.00E+00	8.12E-11	1.05E-10	1.22E-05	3.11E-07	8.01E-03	0.00E+00	6.01E-02	1.47E-10	6.01E-02	6.81E-02	8.01E-03	0.00E+00	0.00E+00	0.00E+00	4.72E-04
MBN240	6.20E-05	2.72E-02	5.11E-03	2.21E-02	0.00E+00	0.00E+00	3.18E-01	3.02E-07	2.92E-05	1.82E-04	0.00E+00	5.37E-04	2.43E-09	7.10E-11	3.28E-03	5.88E-05	1.81E-03	0.00E+00	3.83E-05	9.04E-03	2.09E-01	0.00E+00	2.82E-10	3.66E-10	4.25E-05	1.08E-06	2.79E-02	0.00E+00	2.09E-01	5.13E-10	2.09E-01	2.37E-01	2.79E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
MBN240A	6.19E-05	2.71E-02	5.11E-03	2.20E-02	0.00E+00	0.00E+00	3.17E-01	3.02E-07	2.92E-05	1.81E-04	0.00E+00	5.36E-04	2.43E-09	7.09E-11	3.28E-03	5.87E-05	1.81E-03	0.00E+00	3.82E-05	9.02E-03	2.09E-01	0.00E+00	2.82E-10	3.65E-10	4.24E-05	1.08E-06	2.78E-02	0.00E+00	2.09E-01	5.12E-10	2.09E-01	2.37E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
MBN240E	9.59E-05	4.18E-02	7.86E-03	3.39E-02	0.00E+00	0.00E+00	4.88E-01	4.64E-07	4.49E-05	2.79E-04	0.00E+00	8.25E-04	3.73E-09	1.09E-10	5.04E-03	9.03E-05	2.79E-03	0.00E+00	5.88E-05	1.39E-02	3.21E-01	0.00E+00	4.34E-10	5.62E-10	6.53E-05	1.67E-06	4.29E-02	0.00E+00	3.21E-01	7.88E-10	3.21E-01	3.64E-01	4.29E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03
MBN250	6.26E-05	2.74E-02	5.16E-03	2.22E-02	0.00E+00	0.00E+00	3.20E-01	3.04E-07	2.95E-05	1.83E-04	0.00E+00	5.41E-04	2.45E-09	7.16E-11	3.31E-03	5.92E-05	1.83E-03	0.00E+00	3.86E-05	9.11E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.28E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MBN250A	4.31E-05	1.90E-02	3.58E-03	1.54E-02	0.00E+00	0.00E+00	2.22E-01	2.11E-07	2.05E-05	1.27E-04	0.00E+00	3.76E-04	1.70E-09	4.97E-11	2.30E-03	4.11E-05	1.27E-03	0.00E+00	2.68E-05	6.32E-03	1.46E-01	0.00E+00	1.98E-10	2.56E-10	2.97E-05	7.59E-07	1.95E-02	0.00E+00	1.46E-01	3.59E-10	1.46E-01	1.66E-01	1.95E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
MBN250E	6.11E-05	2.67E-02	5.03E-03	2.17E-02	0.00E+00	0.00E+00	3.13E-01	2.97E-07	2.88E-05	1.79E-04	0.00E+00	5.29E-04	2.39E-09	6.99E-11	3.23E-03	5.78E-05	1.78E-03	0.00E+00	3.77E-05	8.89E-03	2.06E-01	0.00E+00	2.78E-10	3.60E-10	4.18E-05	1.07E-06	2.74E-02	0.00E+00	2.06E-01	5.05E-10	2.06E-01	2.33E-01	2.74E-02	0.00E+00	0.00E+00	0.00E+00	1.62E-03
MBN263	6.66E-05	2.91E-02	5.48E-03	2.36E-02	0.00E+00	0.00E+00	3.40E-01	3.24E-07	3.13E-05	1.95E-04	0.00E+00	5.76E-04	2.60E-09	7.61E-11	3.52E-03	6.30E-05	1.94E-03	0.00E+00	4.10E-05	9.68E-03	2.24E-01	0.00E+00	3.03E-10	3.92E-10	4.55E-05	1.16E-06	2.99E-02	0.00E+00	2.24E-01	5.49E-10	2.24E-01	2.54E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
MBN263A	5.57E-05	2.44E-02	4.60E-03	1.98E-02	0.00E+00	0.00E+00	2.86E-01	2.72E-07	2.63E-05	1.63E-04	0.00E+00	4.83E-04	2.18E-09	6.38E-11	2.95E-03	5.28E-05	1.63E-03	0.00E+00	3.44E-05	8.12E-03	1.88E-01	0.00E+00	2.54E-10	3.29E-10	3.82E-05	9.74E-07	2.51E-02	0.00E+00	1.88E-01	4.61E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
MBN263E	2.08E-05	9.43E-03	1.78E-03	7.65E-03	0.00E+00	0.00E+00	1.10E-01	1.05E-07	1.01E-05	6.31E-05	0.00E+00	1.86E-04	8.44E-10	2.46E-11	1.14E-03	2.04E-05	6.28E-04	0.00E+00	1.33E-05	3.13E-03	7.25E-02	0.00E+00	9.81E-11	1.27E-10	1.47E-05	3.76E-07	9.68E-03	0.00E+00	7.25E-02	1.78E-10	7.25E-02	8.22E-02	9.68E-03	0.00E+00	0.00E+00	0.00E+00	5.70E-04
MBN306	7.82E-05	3.44E-02	6.47E-03	2.79E-02	0.00E+00	0.00E+00	4.02E-01	3.82E-07	3.70E-05	2.30E-04	0.00E+00	6.79E-04	3.07E-09	8.98E-11	4.15E-03	7.43E-05	2.29E-03	0.00E+00	4.84E-05	1.14E-02	2.64E-01	0.00E+00	3.57E-10	4.63E-10	5.37E-05	1.37E-06	3.53E-02	0.00E+00	2.64E-01	6.49E-10	2.64E-01	3.00E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MBN306A	9.23E-05	4.04E-02	7.61E-03	3.28E-02	0.00E+00	0.00E+00	4.73E-01	4.49E-07	4.35E-05	2.70E-04	0.00E+00	7.99E-04	3.62E-09	1.06E-10	4.88E-03	8.74E-05	2.70E-03	0.00E+00	5.69E-05	1.34E-02	3.11E-01	0.00E+00	4.20E-10	5.44E-10	6.32E-05	1.61E-06	4.15E-02	0.00E+00	3.11E-01	7.63E-10	3.11E-01	3.52E-01	4.15E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03
MBN306E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN310	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN310A	1.07E-04	4.66E-02	8.77E-03	3.78E-02	0.00E+00	0.00E+00	5.45E-01	5.18E-07	5.01E-05	3.12E-04	0.00E+00	9.21E-04	4.17E-09	1.22E-10	5.63E-03	1.01E-04	3.11E-03	0.00E+00	6.56E-05	1.55E-02	3.58E-01	0.00E+00	4.84E-10	6.27E-10	7.28E-05	1.86E-06	4.78E-02	0.00E+00	3.58E-01	8.79E-10	3.58E-01	4.06E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	2.82E-03
MBN310E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN313	4.47E-05	1.99E-02	3.75E-03	1.62E-02	0.00E+00	0.00E+00	2.33E-01	2.21E-07	2.14E-05	1.33E-04	0.00E+00	3.94E-04	1.78E-09	5.21E-11	2.41E-03	4.31E-05	1.33E-03	0.00E+00	2.81E-05	6.62E-03	1.53E-01	0.00E+00	2.07E-10	2.68E-10	3.12E-05	7.95E-07	2.05E-02	0.00E+00	1.53E-01	3.76E-10	1.53E-01	1.74E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MBN313E	5.48E-05	2.43E-02	4.58E-03	1.97E-02	0.00E+00	0.00E+00	2.84E-01	2.70E-07	2.62E-05	1.63E-04	0.00E+00	4.81E-04	2.17E-09	6.35E-11	2.94E-03	5.26E-05	1.62E-03	0.00E+00	3.42E-05	8.08E-03	1.87E-01	0.00E+00	2.53E-10	3.27E-10	3.80E-05	9.69E-07	2.49E-02	0.00E+00	1.87E-01	4.59E-10	1.87E-01	2.12E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
MBN316	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN316A	7.26E-05	3.20E-02	6.02E-03	2.60E-02	0.00E+00	0.00E+00	3.74E-01	3.56E-07	3.44E-05	2.14E-04	0.00E+00	6.32E-04	2.86E-09	8.36E-11	3.86E-03	6.92E-05	2.13E-03	0.00E+00	4.50E-05	1.06E-02	2.46E-01	0.00E+00	3.33E-10	4.31E-10	5.00E-05	1.28E-06	3.28E-02	0.00E+00	2.46E-01	6.04E-10	2.46E-01	2.79E-01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
MBN316E	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MBN320	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN320A	3.53E-05	1.59E-02	2.99E-03	1.29E-02	0.00E+00	0.00E+00	1.86E-01	1.77E-07	1.71E-05	1.06E-04	0.00E+00	3.14E-04	1.42E-09	4.16E-11	1.92E-03	3.44E-05	1.06E-03	0.00E+00	2.24E-05	5.28E-03	1.22E-01	0.00E+00	1.65E-10	2.14E-10	2.49E-05	6.34E-07	1.63E-02	0.00E+00	1.22E-01	3.00E-10	1.22E-01	1.39E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.61E-04
MBN320E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN325	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03

MBN325A	3.12E-05	1.41E-02	2.66E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.57E-07	1.52E-05	9.46E-05	0.00E+00	2.80E-04	1.26E-09	3.70E-11	1.71E-03	3.06E-05	9.41E-04	0.00E+00	1.99E-05	4.70E-03	1.09E-01	0.00E+00	1.47E-10	1.90E-10	2.21E-05	5.64E-07	1.45E-02	0.00E+00	1.09E-01	2.67E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.54E-04
MBN325E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN332	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN332A	9.88E-05	4.32E-02	8.14E-03	3.51E-02	0.00E+00	0.00E+00	5.05E-01	4.81E-07	4.65E-05	2.89E-04	0.00E+00	8.55E-04	3.87E-09	1.13E-10	5.22E-03	9.35E-05	2.89E-03	0.00E+00	6.09E-05	1.44E-02	3.33E-01	0.00E+00	4.50E-10	5.82E-10	6.76E-05	1.72E-06	4.44E-02	0.00E+00	3.33E-01	8.16E-10	3.33E-01	3.77E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	2.61E-03
MBN332E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN340	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN340A	1.03E-04	4.50E-02	8.47E-03	3.65E-02	0.00E+00	0.00E+00	5.26E-01	5.00E-07	4.84E-05	3.01E-04	0.00E+00	8.89E-04	4.02E-09	1.18E-10	5.43E-03	9.72E-05	3.00E-03	0.00E+00	6.33E-05	1.50E-02	3.46E-01	0.00E+00	4.68E-10	6.05E-10	7.03E-05	1.79E-06	4.61E-02	0.00E+00	3.46E-01	8.49E-10	3.46E-01	3.92E-01	4.61E-02	0.00E+00	0.00E+00	0.00E+00	2.72E-03
MBN340E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN350	2.68E-05	1.22E-02	2.31E-03	9.94E-03	0.00E+00	0.00E+00	1.43E-01	1.36E-07	1.32E-05	8.19E-05	0.00E+00	2.42E-04	1.10E-09	3.20E-11	1.48E-03	2.65E-05	8.15E-04	0.00E+00	1.72E-05	4.07E-03	9.42E-02	0.00E+00	1.27E-10	1.65E-10	1.92E-05	4.88E-07	1.26E-02	0.00E+00	9.42E-02	2.31E-10	9.42E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.40E-04
MBN350A	9.90E-05	4.33E-02	8.16E-03	3.52E-02	0.00E+00	0.00E+00	5.07E-01	4.82E-07	4.66E-05	2.90E-04	0.00E+00	8.57E-04	3.88E-09	1.13E-10	5.24E-03	9.37E-05	2.89E-03	0.00E+00	6.10E-05	1.44E-02	3.33E-01	0.00E+00	4.51E-10	5.84E-10	6.78E-05	1.73E-06	4.45E-02	0.00E+00	3.33E-01	8.18E-10	3.33E-01	3.78E-01	4.45E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
MBN350E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN363	9.10E-05	3.99E-02	7.51E-03	3.24E-02	0.00E+00	0.00E+00	4.66E-01	4.43E-07	4.29E-05	2.67E-04	0.00E+00	7.88E-04	3.57E-09	1.04E-10	4.82E-03	8.63E-05	2.66E-03	0.00E+00	5.62E-05	1.33E-02	3.07E-01	0.00E+00	4.15E-10	5.37E-10	6.24E-05	1.59E-06	4.09E-02	0.00E+00	3.07E-01	7.53E-10	3.07E-01	3.48E-01	4.09E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
MBN363A	1.08E-04	4.71E-02	8.87E-03	3.82E-02	0.00E+00	0.00E+00	5.51E-01	5.24E-07	5.07E-05	3.15E-04	0.00E+00	9.31E-04	4.21E-09	1.23E-10	5.69E-03	1.02E-04	3.14E-03	0.00E+00	6.63E-05	1.57E-02	3.62E-01	0.00E+00	4.90E-10	6.34E-10	7.36E-05	1.88E-06	4.83E-02	0.00E+00	3.62E-01	8.89E-10	3.62E-01	4.11E-01	4.83E-02	0.00E+00	0.00E+00	0.00E+00	2.85E-03
MBN363E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBN406	1.26E-04	5.50E-02	1.04E-02	4.46E-02	0.00E+00	0.00E+00	6.43E-01	6.11E-07	5.92E-05	3.68E-04	0.00E+00	1.09E-03	4.92E-09	1.44E-10	6.64E-03	1.19E-04	3.67E-03	0.00E+00	7.74E-05	1.83E-02	4.23E-01	0.00E+00	5.72E-10	7.40E-10	8.60E-05	2.19E-06	5.64E-02	0.00E+00	4.23E-01	1.04E-09	4.23E-01	4.79E-01	5.64E-02	0.00E+00	0.00E+00	0.00E+00	3.33E-03
MBN406E	1.01E-04	4.43E-02	8.35E-03	3.60E-02	0.00E+00	0.00E+00	5.18E-01	4.93E-07	4.77E-05	2.97E-04	0.00E+00	8.77E-04	3.97E-09	1.16E-10	5.36E-03	9.59E-05	2.96E-03	0.00E+00	6.25E-05	1.47E-02	3.41E-01	0.00E+00	4.61E-10	5.97E-10	6.93E-05	1.77E-06	4.55E-02	0.00E+00	3.41E-01	8.37E-10	3.41E-01	3.87E-01	4.55E-02	0.00E+00	0.00E+00	0.00E+00	2.68E-03
MBN410	1.25E-04	5.48E-02	1.03E-02	4.45E-02	0.00E+00	0.00E+00	6.40E-01	6.09E-07	5.89E-05	3.66E-04	0.00E+00	1.08E-03	4.90E-09	1.43E-10	6.62E-03	1.18E-04	3.66E-03	0.00E+00	7.71E-05	1.82E-02	4.21E-01	0.00E+00	5.69E-10	7.37E-10	8.56E-05	2.18E-06	5.62E-02	0.00E+00	4.21E-01	1.03E-09	4.21E-01	4.78E-01	5.62E-02	0.00E+00	0.00E+00	0.00E+00	3.31E-03
MBN410E	1.26E-04	5.50E-02	1.04E-02	4.46E-02	0.00E+00	0.00E+00	6.43E-01	6.11E-07	5.92E-05	3.68E-04	0.00E+00	1.09E-03	4.92E-09	1.44E-10	6.64E-03	1.19E-04	3.67E-03	0.00E+00	7.74E-05	1.83E-02	4.23E-01	0.00E+00	5.72E-10	7.40E-10	8.60E-05	2.19E-06	5.64E-02	0.00E+00	4.23E-01	1.04E-09	4.23E-01	4.79E-01	5.64E-02	0.00E+00	0.00E+00	0.00E+00	3.33E-03
MBN413	7.01E-05	3.11E-02	5.86E-03	2.53E-02	0.00E+00	0.00E+00	3.64E-01	3.46E-07	3.35E-05	2.08E-04	0.00E+00	6.15E-04	2.78E-09	8.13E-11	3.76E-03	6.73E-05	2.07E-03	0.00E+00	4.38E-05	1.03E-02	2.39E-01	0.00E+00	3.24E-10	4.19E-10	4.86E-05	1.24E-06	3.19E-02	0.00E+00	2.39E-01	5.87E-10	2.39E-01	2.71E-01	3.19E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
MBN413E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.94E-09	8.60E-11	3.97E-03	7.12E-05	2.20E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.21E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN416	9.37E-05	4.10E-02	7.73E-03	3.33E-02	0.00E+00	0.00E+00	4.80E-01	4.56E-07	4.42E-05	2.75E-04	0.00E+00	8.11E-04	3.67E-09	1.07E-10	4.96E-03	8.88E-05	2.74E-03	0.00E+00	5.78E-05	1.36E-02	3.16E-01	0.00E+00	4.27E-10	5.53E-10	6.42E-05	1.64E-06	4.21E-02	0.00E+00	3.16E-01	7.74E-10	3.16E-01	3.58E-01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	2.48E-03
MBN416E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN420	4.05E-05	1.81E-02	3.41E-03	1.47E-02	0.00E+00	0.00E+00	2.12E-01	2.01E-07	1.95E-05	1.21E-04	0.00E+00	3.58E-04	1.62E-09	4.73E-11	2.19E-03	3.92E-05	1.21E-03	0.00E+00	2.55E-05	6.02E-03	1.39E-01	0.00E+00	1.88E-10	2.44E-10	2.83E-05	7.22E-07	1.86E-02	0.00E+00	1.39E-01	3.42E-10	1.39E-01	1.58E-01	1.86E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
MBN420E	4.06E-05	1.84E-02	3.47E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.05E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.82E-11	2.22E-03	3.99E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.42E-01	0.00E+00	1.92E-10	2.48E-10	2.88E-05	7.35E-07	1.89E-02	0.00E+00	1.42E-01	3.48E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
MBN425	7.31E-05	3.24E-02	6.11E-03	2.63E-02	0.00E+00	0.00E+00	3.79E-01	3.61E-07	3.49E-05	2.17E-04	0.00E+00	6.41E-04	2.90E-09	8.48E-11	3.92E-03	7.02E-05	2.16E-03	0.00E+00	4.57E-05	1.08E-02	2.50E-01	0.00E+00	3.37E-10	4.37E-10	5.07E-05	1.29E-06	3.33E-02	0.00E+00	2.50E-01	6.12E-10	2.50E-01	2.83E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
MBN425E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN432	1.27E-04	5.54E-02	1.04E-02	4.50E-02	0.00E+00	0.00E+00	6.48E-01	6.16E-07	5.96E-05	3.71E-04	0.00E+00	1.10E-03	4.96E-09	1.45E-10	6.69E-03	1.20E-04	3.70E-03	0.00E+00	7.80E-05	1.84E-02	4.26E-01	0.00E+00	5.76E-10	7.46E-10	8.66E-05	2.21E-06	5.69E-02	0.00E+00	4.26E-01	1.05E-09	4.26E-01	4.83E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.35E-03
MBN432E	1.58E-04	6.88E-02	1.30E-02	5.59E-02	0.00E+00	0.00E+00	8.05E-01	7.65E-07	7.41E-05	4.60E-04	0.00E+00	1.36E-03	6.15E-09	1.80E-10	8.31E-03	1.49E-04	4.60E-03	0.00E+00	9.69E-05	2.29E-02	5.29E-01	0.00E+00	7.16E-10	9.27E-10	1.08E-04	2.75E-06	7.06E-02	0.00E+00	5.29E-01	1.30E-09	5.29E-01	6.00E-01	7.06E-02	0.00E+00	0.00E+00	0.00E+00	4.16E-03
MBN440	3.84E-05	1.75E-02	3.30E-03	1.42E-02	0.00E+00	0.00E+00	2.05E-01	1.95E-07	1.89E-05	1.17E-04	0.00E+00	3.46E-04	1.57E-09	4.58E-11	2.11E-03	3.79E-05	1.17E-03	0.00E+00	2.47E-05	5.82E-03	1.35E-01	0.00E+00	1.82E-10	2.36E-10	2.74E-05	6.98E-07	1.80E-02	0.00E+00	1.35E-01	3.30E-10	1.35E-01	1.53E-01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
MBN440E	1.16E-04	5.07E-02	9.55E-03	4.12E-02	0.00E+00	0.00E+00	5.93E-01	5.64E-07	5.46E-05	3.39E-04	0.00E+00	1.00E-03	4.54E-09	1.33E-10	6.13E-03	1.10E-04	3.39E-03	0.00E+00	7.14E-05	1.69E-02	3.90E-01	0.00E+00	5.27E-10	6.83E-10	7.93E-05	2.02E-06	5.21E-02	0.00E+00	3.90E-01	9.57E-10	3.90E-01	4.42E-01	5.21E-02	0.00E+00	0.00E+00	0.00E+00	3.07E-03
MBN450	7.02E-05	3.12E-02	5.87E-03	2.53E-02	0.00E+00	0.00E+00	3.65E-01	3.47E-07	3.36E-05	2.09E-04	0.00E+00	6.17E-04	2.79E-09	8.15E-11	3.77E-03	6.75E-05	2.08E-03	0.00E+00	4.39E-05	1.04E-02	2.40E-01	0.00E+00	3.24E-10	4.20E-10	4.88E-05	1.24E-06	3.20E-02	0.00E+00	2.40E-01	5.88E-10	2.40E-01	2.72E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
MBN450E	1.19E-04	5.22E-02	9.82E-03	4.24E-02	0.00E+00	0.00E+00	6.10E-01	5.80E-07	5.61E-05	3.49E-04	0.00E+00	1.03E-03	4.67E-09	1.36E-10	6.30E-03	1.13E-04	3.48E-03	0.00E+00	7.35E-05	1.73E-02	4.01E-01	0.00E+00	5.42E-10	7.02E-10	8.16E-05	2.08E-06	5.35E-02	0.00E+00	4.01E-01	9.84E-10	4.01E-01	4.55E-01	5.35E-02	0.00E+00	0.00E+00	0.00E+00	3.15E-03
MBN463	1.10E-04	4.84E-02	9.11E-03	3.93E-02	0.00E+00	0.00E+00	5.66E-01	5.38E-07	5.21E-05	3.24E-04	0.00E+00	9.56E-04	4.33E-09	1.26E-10	5.84E-03	1.05E-04	3.23E-03	0.00E+00	6.81E-05	1.61E-02	3.72E-01	0.00E+00	5.03E-10	6.51E-10	7.56E-05	1.93E-06	4.97E-02	0.00E+00	3.72E-01	9.13E-10	3.72E-01	4.22E-01	4.97E-02	0.00E+00	0.00E+00	0.00E+00	2.93E-03
MBN463E	1.40E-04	6.13E-02	1.15E-02	4.97E-02	0.00E+00	0.00E+00	7.16E-01	6.81E-07	6.59E-05	4.10E-04	0.00E+00	1.21E-03	5.48E-09	1.60E-10	7.40E-03	1.32E-04	4.09E-03	0.00E+00	8.63E-05	2.04E-02	4.71E-01	0.00E+00	6.37E-10	8.25E-10	9.58E-05	2.44E-06	6.29E-02	0.00E+00	4.71E-01	1.16E-09	4.71E-01	5.34E-01	6.29E-02	0.00E+00	0.00E+00	0.00E+00	3.70E-03
MBN506	5.79E-05	2.54E-02	4.79E-03	2.06E-02	0.00E+00	0.00E+00	2.97E-01	2.83E-07	2.74E-05	1.70E-04	0.00E+00	5.03E-04	2.27E-09	6.65E-11	3.07E-03	5.50E-05	1.70E-03	0.00E+00	3.58E-05	8.46E-03	1.96E-01	0.00E+00	2.64E-10	3.42E-10	3.98E-05	1.01E-06	2.61E-02	0.00E+00	1.96E-01	4.80E-10	1.96E-01	2.22E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
MBN506E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN510	5.46E-05	2.40E-02	4.52E-03	1.95E-02	0.00E+00	0.00E+00	2.81E-01	2.67E-07	2.58E-05	1.60E-04	0.00E+00	4.74E-04	2.15E-09	6.27E-11	2.90E-03	5.19E-05	1.60E-03	0.00E+00	3.38E-05	7.98E-03	1.85E-01	0.00E+00	2.49E-10	3.23E-10	3.75E-05	9.57E-07	2.46E-02	0.00E+00	1.85E-01	4.53E-10	1.85E-01	2.09E-01	2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MBN510E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN513E	3.78E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.87E-07	1.81E-05	1.12E-04	0.00E+00	3.32E-04	1.50E-09	4.39E-11	2.03E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.58E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.69E-07	1.72E-02	0.00E+00	1.29E-01	3.17E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MBN516	2.15E-05	9.77E-03	1.84E-03	7.93E-03	0.00E+00	0.00E+00	1.14E-01	1.09E-07	1.05E-05	6.54E-05	0.00E+00	1.93E-04	8.75E-10	2.56E-11	1.18E-03	2.11E-05	6.51E-04	0.00E+00	1.38E-05	3.25E-03	7.52E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	3.90E-07	1.00E-02	0.00E+00	7.52E-02	1.84E-10	7.52E-02	8.52E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	5.91E-04
MBN516E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN520	2.17E-05	9.86E-03	1.86E-03	8.00E-03	0.00E+00	0.00E+00	1.15E-01	1.10E-07	1.06E-05	6.60E-05	0.00E+00	1.95E-04	8.82E-10	2.58E-11	1.19E-03	2.13E-05	6.57E-04	0.00E+00	1.39E-05	3.28E-03	7.59E-02	0.00E+00	1.03E-10	1.33E-10	1.54E-05	3.93E-07	1.01E-02	0.00E+00	7.59E-02	1.86E-10	7.59E-02	8.60E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.96E-04
MBN520E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN525	2.30E-05	1.04E-02	1.96E-03	8.44E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.12E-05	6.96E-05	0.00E+00	2.06E-04	9.30E-10	2.72E-11	1.26E-03	2.25E-05	6.93E-04	0.00E+00	1.46E-05	3.46E-03	8.00E-02	0.00E+00	1.08E-10	1.40E-10	1.63E-05	4.15E-07	1.07E-02	0.00E+00	8.00E-02	1.96E-10	8.00E-02	9.07E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.29E-04
MBN525E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN532	2.28E-05	1.03E-02	1.94E-03	8.35E-03	0.00E+00	0.00E+00	1.20E-01	1.14E-07	1.11E-05	6.89E-05	0.00E+00	2.04E-04	9.21E-10	2.69E-11	1.24E-03	2.23E-05	6.85E-04	0.00E+00	1.45E-05	3.42E-03	7.92E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.10E-07	1.06E-02	0.00E+00	7.92E-02	1.94E-10	7.92E-02	8.97E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
MBN532E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN540	5.57E-05	2.45E-02	4.61E-03	1.99E-02	0.00E+00	0.00E+00	2.86E-01	2.72E-07	2.63E-05	1.64E-04	0.00E+00	4.84E-04	2.19E-09	6.39E-11	2.95E-03	5.29E-05	1.63E-03	0.00E+00	3.45E-05	8.14E-03	1.88E-01	0.00E+00	2.54E-10	3.29E-10	3.82E-05	9.76E-07	2.51E-02	0.00E+00	1.88E-01	4.62E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
MBN540E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN550	6.27E-05	2.75E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.46E-09	7.18E-11	3.32E-03	5.94E-05	1.83E-03	0.00E+00	3.87E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.10E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MBN550E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN563	6.12E-05	2.68E-02	5.05E-03	2.18E-02	0.00E+00	0.00E+00	3.14E-01	2.98E-07	2.89E-05	1.80E-04	0.00E+00	5.31E-04	2.40E-09	7.02E-11	3.24E-03	5.81E-05	1.79E-03	0.00E+00	3.78E-05	8.93E-03	2.07E-01	0.00E+00	2.79E-10	3.61E-10	4.20E-05	1.07E-06	2.76E-02	0.00E+00	2.07E-01	5.07E-10	2.07E-01	2.34E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.62E-03
MBN563E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MBN606	1.18E-04	5.17E-02	9.74E-03	4.20E-02	0.00E+00	0.00E+00	6.05E-01	5.75E-07	5.57E-05	3.46E-04	0.00E+00	1.02E-03	4.63E-09	1.35E-10	6.25E-03	1.12E-04	3.45E-03	0.00E+00	7.29E-05	1.72E-02	3.98E-01	0.00E+00	5.38E-10	6.97E-10	8.09E-05	2.06E-06	5.31E-02	0.00E+00	3.98E-01	9.76E-10	3.98E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.13E-03
MBN606E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN610	1.22E-04	5.35E-02	1.01E-02	4.34E-02	0.00E+00	0.00E+00	6.25E-01	5.94E-07	5.75E-05	3.58E-04	0.00E+00	1.06E-03	4.78E-09	1.40E-10	6.46E-03	1.16E-04	3.57E-03	0.00E+00	7.53E-05	1.78E-02	4.11E-01	0.00E+00	5.56E-10	7.20E-10	8.36E-05	2.13E-06	5.49E-02	0.00E+00	4.11E-01	1.01E-09	4.11E-01	4.66E-01	5.49E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
MBN610E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN613	8.95E-05	3.94E-02	7.43E-03	3.20E-02	0.00E+00	0.00E+00	4.61E-01	4.38E-07	4.24E-05	2.64E-04	0.00E+00	7.80E-04	3.53E-09	1.03E-10	4.76E-03	8.53E-05	2.63E-03	0.00E+00	5.55E-05	1.31E-02	3.03E-01	0.00E+00	4.10E-10	5.31E-10	6.17E-05	1.57E-06	4.05E-02	0.00E+00	3.03E-01	7.44E-10	3.03E-01	3.44E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
MBN613E	7.88E-05	3.49E-02	6.56E-03	2.83E-02	0.00E+00	0.00E+00	4.08E-01	3.87E-07	3.75E-05	2.33E-04	0.00E+00	6.89E-04	3.12E-09	9.11E-11	4.21E-03	7.54E-05	2.33E-03	0.00E+00	4.91E-05	1.16E-02	2.68E-01	0.00E+00	3.62E-10	4.69E-10	5.45E-05	1.39E-06	3.58E-02	0.00E+00	2.68E-01	6.58E-10	2.68E-01	3.04E-01	3.58E-02	0.00E+00	0.00E+00	0.00E+00	2.11E-03
MBN616	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN616E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN620	3.97E-05	1.81E-02	3.40E-03	1.47E-02	0.00E+00	0.00E+00	2.11E-01	2.01E-07	1.94E-05	1.21E-04	0.00E+00	3.57E-04	1.62E-09	4.72E-11	2.18E-03	3.91E-05	1.20E-03	0.00E+00	2.54E-05	6.00E-03	1.39E-01	0.00E+00	1.88E-10	2.43E-10	2.82E-05	7.20E-07	1.85E-02	0.00E+00	1.39E-01	3.41E-10	1.39E-01	1.57E-01	1.85E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
MBN620E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN625	3.60E-05	1.65E-02	3.10E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.77E-05	1.10E-04	0.00E+00	3.26E-04	1.47E-09	4.31E-11	1.99E-03	3.56E-05	1.10E-03	0.00E+00	2.32E-05	5.47E-03	1.27E-01	0.00E+00	1.71E-10	2.22E-10	2.58E-05	6.57E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.95E-04
MBN625E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN632	1.06E-04	4.64E-02	8.74E-03	3.77E-02	0.00E+00	0.00E+00	5.43E-01	5.16E-07	5.00E-05	3.11E-04	0.00E+00	9.18E-04	4.15E-09	1.21E-10	5.61E-03	1.00E-04	3.10E-03	0.00E+00	6.54E-05	1.54E-02	3.57E-01	0.00E+00	4.83E-10	6.25E-10	7.26E-05	1.85E-06	4.77E-02	0.00E+00	3.57E-01	8.76E-10	3.57E-01	4.05E-01	4.77E-02	0.00E+00	0.00E+00	0.00E+00	2.81E-03
MBN632E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN640	1.11E-04	4.87E-02	9.17E-03	3.95E-02	0.00E+00	0.00E+00	5.69E-01	5.41E-07	5.24E-05	3.26E-04	0.00E+00	9.63E-04	4.36E-09	1.27E-10	5.88E-03	1.05E-04	3.25E-03	0.00E+00	6.86E-05	1.62E-02	3.75E-01	0.00E+00	5.06E-10	6.56E-10	7.62E-05	1.94E-06	5.00E-02	0.00E+00	3.75E-01	9.19E-10	3.75E-01	4.25E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	2.95E-03
MBN640E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN650	1.26E-04	5.52E-02	1.04E-02	4.48E-02	0.00E+00	0.00E+00	6.45E-01	6.14E-07	5.94E-05	3.69E-04	0.00E+00	1.09E-03	4.94E-09	1.44E-10	6.67E-03	1.19E-04	3.68E-03	0.00E+00	7.77E-05	1.84E-02	4.25E-01	0.00E+00	5.74E-10	7.43E-10	8.63E-05	2.20E-06	5.67E-02	0.00E+00	4.25E-01	1.04E-09	4.25E-01	4.81E-01	5.67E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
MBN650E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBN663	1.36E-04	5.95E-02	1.12E-02	4.83E-02	0.00E+00	0.00E+00	6.96E-01	6.62E-07	6.41E-05	3.98E-04	0.00E+00	1.18E-03	5.32E-09	1.56E-10	7.19E-03	1.29E-04	3.97E-03	0.00E+00	8.38E-05	1.98E-02	4.58E-01	0.00E+00	6.19E-10	8.01E-10	9.31E-05	2.37E-06	6.11E-02	0.00E+00	4.58E-01	1.12E-09	4.58E-01	5.19E-01	6.11E-02	0.00E+00	0.00E+00	0.00E+00	3.60E-03
MBN663E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS006C	4.39E-05	1.92E-02	3.61E-03	1.55E-02	0.00E+00	0.00E+00	2.24E-01	2.13E-07	2.06E-05	1.28E-04	0.00E+00	3.79E-04	1.71E-09	5.01E-11	2.31E-03	4.14E-05	1.28E-03	0.00E+00	2.70E-05	6.37E-03	1.47E-01	0.00E+00	1.99E-10	2.58E-10	2.99E-05	7.64E-07	1.97E-02	0.00E+00	1.47E-01	3.61E-10	1.47E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MBS010C	3.79E-05	1.66E-02	3.12E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.84E-07	1.78E-05	1.11E-04	0.00E+00	3.28E-04	1.48E-09	4.33E-11	2.00E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.72E-10	2.23E-10	2.59E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MBS013C	2.09E-05	9.26E-03	1.74E-03	7.51E-03	0.00E+00	0.00E+00	1.08E-01	1.03E-07	9.96E-06	6.19E-05	0.00E+00	1.83E-04	8.28E-10	2.42E-11	1.12E-03	2.00E-05	6.17E-04	0.00E+00	1.30E-05	3.08E-03	7.12E-02	0.00E+00	9.62E-11	1.25E-10	1.45E-05	3.69E-07	9.50E-03	0.00E+00	7.12E-02	1.75E-10	7.12E-02	8.07E-02	9.50E-03	0.00E+00	0.00E+00	0.00E+00	5.60E-04
MBS016C	2.08E-05	9.19E-03	1.73E-03	7.46E-03	0.00E+00	0.00E+00	1.07E-01	1.02E-07	9.89E-06	6.15E-05	0.00E+00	1.82E-04	8.22E-10	2.40E-11	1.11E-03	1.99E-05	6.13E-04	0.00E+00	1.29E-05	3.06E-03	7.07E-02	0.00E+00	9.56E-11	1.24E-10	1.44E-05	3.67E-07	9.44E-03	0.00E+00	7.07E-02	1.73E-10	7.07E-02	8.02E-02	9.44E-03	0.00E+00	0.00E+00	0.00E+00	5.56E-04
MBS106	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS110	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MBS113	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MBS116	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04

MBS120	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MBS120W	1.23E-05	5.58E-03	1.05E-03	4.53E-03	0.00E+00	0.00E+00	6.52E-02	6.20E-08	6.00E-06	3.73E-05	0.00E+00	1.10E-04	4.99E-10	1.46E-11	6.73E-04	1.21E-05	3.72E-04	0.00E+00	7.85E-06	1.85E-03	4.29E-02	0.00E+00	5.80E-11	7.51E-11	8.72E-06	2.22E-07	5.72E-03	0.00E+00	4.29E-02	1.05E-10	4.29E-02	4.86E-02	5.72E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MBS125	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS132	2.00E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS140	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS150	2.00E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS163	2.00E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MBS206C	7.61E-05	3.32E-02	6.26E-03	2.70E-02	0.00E+00	0.00E+00	3.89E-01	3.69E-07	3.58E-05	2.22E-04	0.00E+00	6.57E-04	2.97E-09	8.69E-11	4.02E-03	7.19E-05	2.22E-03	0.00E+00	4.68E-05	1.11E-02	2.56E-01	0.00E+00	3.46E-10	4.48E-10	5.20E-05	1.33E-06	3.41E-02	0.00E+00	2.56E-01	6.27E-10	2.56E-01	2.90E-01	3.41E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MBS210C	7.80E-05	3.41E-02	6.41E-03	2.77E-02	0.00E+00	0.00E+00	3.98E-01	3.79E-07	3.66E-05	2.28E-04	0.00E+00	6.73E-04	3.05E-09	8.90E-11	4.11E-03	7.37E-05	2.27E-03	0.00E+00	4.80E-05	1.13E-02	2.62E-01	0.00E+00	3.54E-10	4.59E-10	5.32E-05	1.36E-06	3.50E-02	0.00E+00	2.62E-01	6.43E-10	2.62E-01	2.97E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.06E-03
MBS210E	9.41E-05	4.10E-02	7.72E-03	3.33E-02	0.00E+00	0.00E+00	4.79E-01	4.56E-07	4.41E-05	2.74E-04	0.00E+00	8.11E-04	3.67E-09	1.07E-10	4.95E-03	8.87E-05	2.74E-03	0.00E+00	5.78E-05	1.36E-02	3.16E-01	0.00E+00	4.26E-10	5.52E-10	6.41E-05	1.64E-06	4.21E-02	0.00E+00	3.16E-01	7.74E-10	3.16E-01	3.58E-01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	2.48E-03
MBS213C	4.84E-05	2.13E-02	4.01E-03	1.73E-02	0.00E+00	0.00E+00	2.49E-01	2.37E-07	2.29E-05	1.42E-04	0.00E+00	4.21E-04	1.90E-09	5.56E-11	2.57E-03	4.61E-05	1.42E-03	0.00E+00	3.00E-05	7.08E-03	1.64E-01	0.00E+00	2.21E-10	2.87E-10	3.33E-05	8.49E-07	2.19E-02	0.00E+00	1.64E-01	4.02E-10	1.64E-01	1.86E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
MBS216C	5.08E-05	2.24E-02	4.21E-03	1.82E-02	0.00E+00	0.00E+00	2.62E-01	2.49E-07	2.41E-05	1.50E-04	0.00E+00	4.42E-04	2.00E-09	5.85E-11	2.70E-03	4.84E-05	1.49E-03	0.00E+00	3.15E-05	7.44E-03	1.72E-01	0.00E+00	2.33E-10	3.01E-10	3.50E-05	8.92E-07	2.30E-02	0.00E+00	1.72E-01	4.22E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MBS216E	2.25E-05	1.02E-02	1.92E-03	8.27E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.10E-05	6.81E-05	0.00E+00	2.01E-04	9.11E-10	2.66E-11	1.23E-03	2.20E-05	6.78E-04	0.00E+00	1.43E-05	3.39E-03	7.84E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.06E-07	1.05E-02	0.00E+00	7.84E-02	1.92E-10	7.84E-02	8.88E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
MBS220E	2.01E-05	9.14E-03	1.72E-03	7.42E-03	0.00E+00	0.00E+00	1.07E-01	1.02E-07	9.84E-06	6.12E-05	0.00E+00	1.81E-04	8.18E-10	2.39E-11	1.10E-03	1.98E-05	6.09E-04	0.00E+00	1.29E-05	3.04E-03	7.03E-02	0.00E+00	9.51E-11	1.23E-10	1.43E-05	3.65E-07	9.38E-03	0.00E+00	7.03E-02	1.73E-10	7.03E-02	7.97E-02	9.38E-03	0.00E+00	0.00E+00	0.00E+00	5.53E-04
MBS225E	1.49E-05	6.88E-03	1.30E-03	5.59E-03	0.00E+00	0.00E+00	8.05E-02	7.65E-08	7.41E-06	4.61E-05	0.00E+00	1.36E-04	6.16E-10	1.80E-11	8.31E-04	1.49E-05	4.58E-04	0.00E+00	9.69E-06	2.29E-03	5.30E-02	0.00E+00	7.16E-11	9.27E-11	1.08E-05	2.75E-07	7.07E-03	0.00E+00	5.30E-02	1.30E-10	5.30E-02	6.00E-02	7.07E-03	0.00E+00	0.00E+00	0.00E+00	4.16E-04
MBS232E	7.82E-05	3.42E-02	6.43E-03	2.77E-02	0.00E+00	0.00E+00	3.99E-01	3.80E-07	3.68E-05	2.29E-04	0.00E+00	6.75E-04	3.06E-09	8.93E-11	4.13E-03	7.39E-05	2.28E-03	0.00E+00	4.81E-05	1.14E-02	2.63E-01	0.00E+00	3.55E-10	4.60E-10	5.34E-05	1.36E-06	3.51E-02	0.00E+00	2.63E-01	6.45E-10	2.63E-01	2.98E-01	3.51E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
MBS263E	6.86E-05	3.00E-02	5.64E-03	2.43E-02	0.00E+00	0.00E+00	3.51E-01	3.33E-07	3.23E-05	2.01E-04	0.00E+00	5.93E-04	2.68E-09	7.84E-11	3.62E-03	6.48E-05	2.00E-03	0.00E+00	4.22E-05	9.97E-03	2.31E-01	0.00E+00	3.12E-10	4.04E-10	4.69E-05	1.20E-06	3.08E-02	0.00E+00	2.31E-01	5.66E-10	2.31E-01	2.61E-01	3.08E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
MBS306	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS310	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS310C	1.13E-04	4.93E-02	9.29E-03	4.00E-02	0.00E+00	0.00E+00	5.77E-01	5.48E-07	5.31E-05	3.30E-04	0.00E+00	9.75E-04	4.41E-09	1.29E-10	5.96E-03	1.07E-04	3.29E-03	0.00E+00	6.95E-05	1.64E-02	3.79E-01	0.00E+00	5.13E-10	6.64E-10	7.71E-05	1.97E-06	5.06E-02	0.00E+00	3.79E-01	9.31E-10	3.79E-01	4.30E-01	5.06E-02	0.00E+00	0.00E+00	0.00E+00	2.98E-03
MBS313	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS313C	8.02E-05	3.52E-02	6.63E-03	2.86E-02	0.00E+00	0.00E+00	4.12E-01	3.92E-07	3.79E-05	2.36E-04	0.00E+00	6.97E-04	3.15E-09	9.21E-11	4.26E-03	7.62E-05	2.35E-03	0.00E+00	4.96E-05	1.17E-02	2.71E-01	0.00E+00	3.66E-10	4.74E-10	5.51E-05	1.41E-06	3.62E-02	0.00E+00	2.71E-01	6.65E-10	2.71E-01	3.07E-01	3.62E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
MBS316	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MBS316C	6.97E-05	3.07E-02	5.79E-03	2.50E-02	0.00E+00	0.00E+00	3.59E-01	3.42E-07	3.31E-05	2.06E-04	0.00E+00	6.08E-04	2.75E-09	8.04E-11	3.71E-03	6.65E-05	2.05E-03	0.00E+00	4.33E-05	1.02E-02	2.37E-01	0.00E+00	3.20E-10	4.14E-10	4.81E-05	1.23E-06	3.16E-02	0.00E+00	2.37E-01	5.80E-10	2.37E-01	2.68E-01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
MBS320	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS320W	3.12E-05	1.41E-02	2.66E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.57E-07	1.52E-05	9.46E-05	0.00E+00	2.80E-04	1.27E-09	3.70E-11	1.71E-03	3.06E-05	9.42E-04	0.00E+00	1.99E-05	4.70E-03	1.09E-01	0.00E+00	1.47E-10	1.90E-10	2.21E-05	5.64E-07	1.45E-02	0.00E+00	1.09E-01	2.67E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.55E-04
MBS325	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS332	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS340	6.03E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS350	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS363	6.03E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MBS506	4.55E-05	2.01E-02	3.79E-03	1.63E-02	0.00E+00	0.00E+00	2.35E-01	2.24E-07	2.16E-05	1.35E-04	0.00E+00	3.98E-04	1.80E-09	5.26E-11	2.43E-03	4.35E-05	1.34E-03	0.00E+00	2.83E-05	6.69E-03	1.55E-01	0.00E+00	2.09E-10	2.71E-10	3.15E-05	8.02E-07	2.06E-02	0.00E+00	1.55E-01	3.80E-10	1.55E-01	1.75E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
MBS506E	8.25E-05	3.60E-02	6.78E-03	2.93E-02	0.00E+00	0.00E+00	4.21E-01	4.01E-07	3.88E-05	2.41E-04	0.00E+00	7.12E-04	3.22E-09	9.42E-11	4.35E-03	7.79E-05	2.41E-03	0.00E+00	5.08E-05	1.20E-02	2.77E-01	0.00E+00	3.75E-10	4.85E-10	5.63E-05	1.44E-06	3.70E-02	0.00E+00	2.77E-01	6.80E-10	2.77E-01	3.14E-01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
MBS510	1.93E-05	8.83E-03	1.66E-03	7.17E-03	0.00E+00	0.00E+00	1.03E-01	9.82E-08	9.51E-06	5.91E-05	0.00E+00	1.75E-04	7.90E-10	2.31E-11	1.07E-03	1.91E-05	5.88E-04	0.00E+00	1.24E-05	2.93E-03	6.79E-02	0.00E+00	9.19E-11	1.19E-10	1.38E-05	3.52E-07	9.06E-03	0.00E+00	6.79E-02	1.67E-10	6.79E-02	7.70E-02	9.06E-03	0.00E+00	0.00E+00	0.00E+00	5.34E-04
MBS510E	9.11E-05	3.97E-02	7.48E-03	3.22E-02	0.00E+00	0.00E+00	4.64E-01	4.41E-07	4.27E-05	2.66E-04	0.00E+00	7.85E-04	3.55E-09	1.04E-10	4.80E-03	8.59E-05	2.65E-03	0.00E+00	5.59E-05	1.32E-02	3.06E-01	0.00E+00	4.13E-10	5.35E-10	6.21E-05	1.58E-06	4.08E-02	0.00E+00	3.06E-01	7.49E-10	3.06E-01	3.46E-01	4.08E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
MBS513	5.21E-05	2.29E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.68E-01	2.55E-07	2.47E-05	1.53E-04	0.00E+00	4.53E-04	2.05E-09	5.99E-11	2.77E-03	4.96E-05	1.53E-03	0.00E+00	3.23E-05	7.62E-03	1.76E-01	0.00E+00	2.38E-10	3.09E-10	3.58E-05	9.15E-07	2.35E-02	0.00E+00	1.76E-01	4.33E-10	1.76E-01	2.00E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MBS516	5.81E-05	2.55E-02	4.81E-03	2.07E-02	0.00E+00	0.00E+00	2.99E-01	2.84E-07	2.75E-05	1.71E-04	0.00E+00	5.05E-04	2.28E-09	6.68E-11	3.09E-03	5.52E-05	1.70E-03	0.00E+00	3.60E-05	8.49E-03	1.97E-01	0.00E+00	2.66E-10	3.44E-10	3.99E-05	1.02E-06	2.62E-02	0.00E+00	1.97E-01	4.82E-10	1.97E-01	2.23E-01	2.62E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
MBS516E	3.23E-06	1.92E-03	3.64E-04	1.56E-03	0.00E+00	0.00E+00	2.26E-02	2.14E-08	2.08E-06	1.29E-05	0.00E+00	3.82E-05	1.73E-10	5.04E-12	2.32E-04	4.18E-06	1.26E-04	0.00E+00	2.70E-06	6.37E-04	1.48E-02	0.00E+00	2.01E-11	2.59E-11	3.02E-06	7.67E-08	1.98E-03	0.00E+00	1.48E-02	3.63E-11	1.48E-02	1.68E-02	1.98E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MBS520	2.17E-05	9.86E-03	1.86E-03	8.00E-03	0.00E+00	0.00E+00	1.15E-01	1.10E-07	1.06E-05	6.60E-05	0.00E+00	1.95E-04	8.82E-10	2.58E-11	1.19E-03	2.13E-05	6.57E-04	0.00E+00	1.39E-05	3.28E-03	7.59E-02	0.00E+00	1.03E-10	1.33E-10	1.54E-05	3.93E-07	1.01E-02	0.00E+00	7.59E-02	1.86E-10	7.59E-02	8.60E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.96E-04
MBS520E	2.59E-05	1.16E-02	2.19E-03	9.45E-03	0.00E+00	0.00E+00	1.36E-01	1.29E-07	1.25E-05	7.79E-05	0.00E+00	2.30E-04	1.04E-09	3.04E-11	1.41E-03	2.52E-05	7.76E-04	0.00E+00	1.64E-05	3.87E-03	8.96E-02	0.00E+00	1.21E-10	1.57E-10	1.82E-05	4.64E-07	1.20E-02	0.00E+00	8.96E-02	2.20E-10	8.96E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.04E-04
MBS525	6.59E-05	2.89E-02	5.44E-03	2.34E-02	0.00E+00	0.00E+00	3.38E-01	3.21E-07	3.11E-05	1.93E-04	0.00E+00	5.71E-04	2.58E-09	7.55E-11	3.49E-03	6.25E-05	1.93E-03	0.00E+00	4.07E-05	9.60E-03	2.22E-01	0.00E+00	3.00E-10	3.89E-10	4.52E-05	1.15E-06	2.96E-02	0.00E+00	2.22E-01	5.45E-10	2.22E-01	2.52E-01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.75E-03
MBS525E	6.70E-05	2.93E-02	5.52E-03	2.38E-02	0.00E+00	0.00E+00	3.43E-01	3.26E-07	3.16E-05	1.96E-04	0.00E+00	5.80E-04	2.62E-09	7.66E-11	3.54E-03	6.34E-05	1.96E-03	0.00E+00	4.13E-05	9.75E-03	2.26E-01	0.00E+00	3.05E-10	3.95E-10	4.59E-05	1.17E-06	3.01E-02	0.00E+00	2.26E-01	5.53E-10	2.26E-01	2.56E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MBS532	7.16E-05	3.13E-02	5.90E-03	2.54E-02	0.00E+00	0.00E+00	3.66E-01	3.48E-07	3.37E-05	2.10E-04	0.00E+00	6.19E-04	2.80E-09	8.19E-11	3.78E-03	6.78E-05	2.09E-03	0.00E+00	4.41E-05	1.04E-02	2.41E-01	0.00E+00	3.26E-10	4.22E-10	4.90E-05	1.25E-06	3.22E-02	0.00E+00	2.41E-01	5.91E-10	2.41E-01	2.73E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
MBS532E	1.94E-05	8.88E-03	1.67E-03	7.21E-03	0.00E+00	0.00E+00	1.04E-01	9.88E-08	9.56E-06	5.94E-05	0.00E+00	1.76E-04	7.95E-10	2.32E-11	1.07E-03	1.92E-05	5.91E-04	0.00E+00	1.25E-05	2.95E-03	6.84E-02	0.00E+00	9.24E-11	1.20E-10	1.39E-05	3.54E-07	9.12E-03	0.00E+00	6.84E-02	1.68E-10	6.84E-02	7.75E-02	9.12E-03	0.00E+00	0.00E+00	0.00E+00	5.37E-04
MBS540E	6.64E-05	2.91E-02	5.48E-03	2.36E-02	0.00E+00	0.00E+00	3.40E-01	3.24E-07	3.13E-05	1.95E-04	0.00E+00	5.76E-04	2.60E-09	7.61E-11	3.52E-03	6.30E-05	1.94E-03	0.00E+00	4.10E-05	9.68E-03	2.24E-01	0.00E+00	3.03E-10	3.92E-10	4.55E-05	1.16E-06	2.99E-02	0.00E+00	2.24E-01	5.49E-10	2.24E-01	2.54E-01	2.99E-02	0.00E+00	0.00E+00	0.00E+00	1.76E-03
MBS550E	2.44E-05	1.10E-02	2.07E-03	8.94E-03	0.00E+00	0.00E+00	1.29E-01	1.22E-07	1.19E-05	7.37E-05	0.00E+00	2.18E-04	9.86E-10	2.88E-11	1.33E-03	2.38E-05	7.34E-04	0.00E+00	1.55E-05	3.66E-03	8.48E-02	0.00E+00	1.15E-10	1.48E-10	1.72E-05	4.39E-07	1.13E-02	0.00E+00	8.48E-02	2.08E-10	8.48E-02	9.61E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.66E-04
MBS563E	6.35E-05	2.78E-02	5.24E-03	2.26E-02	0.00E+00	0.00E+00	3.25E-01	3.09E-07	2.99E-05	1.86E-04	0.00E+00	5.50E-04	2.49E-09	7.27E-11	3.36E-03	6.02E-05	1.86E-03	0.00E+00	3.92E-05	9.25E-03	2.14E-01	0.00E+00	2.89E-10	3.75E-10	4.35E-05	1.11E-06	2.86E-02	0.00E+00	2.14E-01	5.25E-10	2.14E-01	2.43E-01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
MBS606	1.93E-04	8.39E-02	1.58E-02	6.81E-02	0.00E+00	0.00E+00	9.81E-01	9.33E-07	9.03E-05	5.61E-04	0.00E+00	1.66E-03	7.50E-09	2.19E-10	1.01E-02	1.81E-04	5.60E-03	0.00E+00	1.18E-04	2.79E-02	6.45E-01	0.00E+00	8.72E-10	1.13E-09	1.31E-04	3.35E-06	8.61E-02	0.00E+00	6.45E-01	1.58E-09	6.45E-01	7.32E-01	8.61E-02	0.00E+00	0.00E+00	0.00E+00	5.07E-03
MBS606E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS610	1.79E-04	7.81E-02	1.47E-02	6.34E-02	0.00E+00	0.00E+00	9.13E-01	8.68E-07	8.41E-05	5.23E-04	0.00E+00	1.54E-03	6.99E-09	2.04E-10	9.44E-03	1.69E-04	5.22E-03	0.00E+00	1.10E-04	2.60E-02	6.01E-01	0.00E+00	8.12E-10	1.05E-09	1.22E-04	3.12E-06	8.02E-02	0.00E+00	6.01E-01	1.47E-09	6.01E-01	6.81E-01	8.02E-02	0.00E+00	0.00E+00	0.00E+00	4.73E-03
MBS610E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS613	1.06E-04	4.66E-02	8.77E-03	3.78E-02	0.00E+00	0.00E+00	5.45E-01	5.18E-07	5.01E-05	3.12E-04	0.00E+00	9.21E-04	4.17E-09	1.22E-10	5.63E-03	1.01E-04	3.11E-03	0.00E+00	6.56E-05	1.55E-02	3.58E-01	0.00E+00	4.84E-10	6.27E-10	7.28E-05	1.86E-06	4.78E-02	0.00E+00	3.58E-01	8.79E-10	3.58E-01	4.06E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	2.82E-03
MBS616	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS616E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS620	2.30E-04	1.00E-01	1.88E-02	8.12E-02	0.00E+00	0.00E+00	1.17E+00	1.11E-06	1.08E-04	6.69E-04	0.00E+00	1.98E-03	8.94E-09	2.61E-10	1.21E-02	2.16E-04	6.68E-03	0.00E+00	1.41E-04	3.33E-02	7.69E-01	0.00E+00	1.04E-09	1.35E-09	1.56E-04	3.99E-06	1.03E-01	0.00E+00	7.69E-01	1.89E-09	7.69E-01	8.72E-01	1.03E-01	0.00E+00	0.00E+00	0.00E+00	6.05E-03
MBS620E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS625	4.06E-05	1.84E-02	3.47E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.05E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.81E-11	2.22E-03	3.99E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.42E-01	0.00E+00	1.92E-10	2.48E-10	2.88E-05	7.34E-07	1.89E-02	0.00E+00	1.42E-01	3.48E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
MBS625E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS632	1.60E-04	6.97E-02	1.31E-02	5.66E-02	0.00E+00	0.00E+00	8.15E-01	7.75E-07	7.50E-05	4.66E-04	0.00E+00	1.38E-03	6.23E-09	1.82E-10	8.42E-03	1.51E-04	4.65E-03	0.00E+00	9.82E-05	2.32E-02	5.36E-01	0.00E+00	7.25E-10	9.38E-10	1.09E-04	2.78E-06	7.15E-02	0.00E+00	5.36E-01	1.32E-09	5.36E-01	6.08E-01	7.15E-02	0.00E+00	0.00E+00	0.00E+00	4.21E-03
MBS632E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS640	1.54E-04	6.71E-02	1.26E-02	5.45E-02	0.00E+00	0.00E+00	7.84E-01	7.46E-07	7.22E-05	4.49E-04	0.00E+00	1.33E-03	6.00E-09	1.75E-10	8.10E-03	1.45E-04	4.48E-03	0.00E+00	9.45E-05	2.23E-02	5.16E-01	0.00E+00	6.98E-10	9.03E-10	1.05E-04	2.68E-06	6.89E-02	0.00E+00	5.16E-01	1.27E-09	5.16E-01	5.85E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	4.06E-03
MBS640E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS650E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MBS663E	8.03E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MC100A	2.51E-05	1.07E-02	2.02E-03	8.69E-03	0.00E+00	0.00E+00	1.25E-01	1.19E-07	1.15E-05	7.16E-05	0.00E+00	2.12E-04	9.57E-10	2.80E-11	1.29E-03	2.32E-05	7.14E-04	0.00E+00	1.51E-05	3.56E-03	8.23E-02	0.00E+00	1.11E-10	1.44E-10	1.67E-05	4.27E-07	1.10E-02	0.00E+00	8.23E-02	2.02E-10	8.23E-02	9.33E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.47E-04
MC101A	2.89E-05	1.23E-02	2.31E-03	9.96E-03	0.00E+00	0.00E+00	1.43E-01	1.36E-07	1.32E-05	8.21E-05	0.00E+00	2.43E-04	1.10E-09	3.21E-11	1.48E-03	2.65E-05	8.19E-04	0.00E+00	1.73E-05	4.08E-03	9.44E-02	0.00E+00	1.28E-10	1.65E-10	1.92E-05	4.90E-07	1.26E-02	0.00E+00	9.44E-02	2.32E-10	9.44E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.42E-04
MC102A	2.97E-05	1.26E-02	2.38E-03	1.03E-02	0.00E+00	0.00E+00	1.48E-01	1.41E-07	1.36E-05	8.46E-05	0.00E+00	2.50E-04	1.13E-09	3.30E-11	1.53E-03	2.73E-05	8.44E-04	0.00E+00	1.78E-05	4.20E-03	9.73E-02	0.00E+00	1.31E-10	1.70E-10	1.98E-05	5.04E-07	1.30E-02	0.00E+00	9.73E-02	2.39E-10	9.73E-02	1.10E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.65E-04
MC103A	2.66E-05	1.14E-02	2.14E-03	9.24E-03	0.00E+00	0.00E+00	1.33E-01	1.26E-07	1.22E-05	7.61E-05	0.00E+00	2.25E-04	1.02E-09	2.97E-11	1.37E-03	2.46E-05	7.59E-04	0.00E+00	1.60E-05	3.78E-03	8.76E-02	0.00E+00	1.18E-10	1.53E-10	1.78E-05	4.54E-07	1.17E-02	0.00E+00	8.76E-02	2.15E-10	8.76E-02	9.92E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.88E-04
MC104A	2.62E-05	1.12E-02	2.11E-03	9.09E-03	0.00E+00	0.00E+00	1.31E-01	1.24E-07	1.21E-05	7.49E-05	0.00E+00	2.21E-04	1.00E-09	2.93E-11	1.35E-03	2.42E-05	7.47E-04	0.00E+00	1.58E-05	3.72E-03	8.62E-02	0.00E+00	1.16E-10	1.51E-10	1.75E-05	4.47E-07	1.15E-02	0.00E+00	8.62E-02	2.11E-10	8.62E-02	9.76E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.77E-04
MC106A	4.24E-05	1.85E-02	3.48E-03	1.50E-02	0.00E+00	0.00E+00	2.16E-01	2.06E-07	1.99E-05	1.24E-04	0.00E+00	3.66E-04	1.66E-09	4.84E-11	2.24E-03	4.00E-05	1.24E-03	0.00E+00	2.61E-05	6.16E-03	1.42E-01	0.00E+00	1.92E-10	2.49E-10	2.89E-05	7.38E-07	1.90E-02	0.00E+00	1.42E-01	3.49E-10	1.42E-01	1.61E-01	1.90E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03
MC110A	4.61E-05	2.00E-02	3.77E-03	1.63E-02	0.00E+00	0.00E+00	2.34E-01	2.23E-07	2.16E-05	1.34E-04	0.00E+00	3.96E-04	1.79E-09	5.24E-11	2.42E-03	4.33E-05	1.34E-03	0.00E+00	2.82E-05	6.66E-03	1.54E-01	0.00E+00	2.08E-10	2.70E-10	3.13E-05	7.99E-07	2.06E-02	0.00E+00	1.54E-01	3.78E-10	1.54E-01	1.75E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
MC110P	2.71E-05	1.19E-02	2.25E-03	9.69E-03	0.00E+00	0.00E+00	1.40E-01	1.33E-07	1.28E-05	7.99E-05	0.00E+00	2.36E-04	1.07E-09	3.12E-11	1.44E-03	2.58E-05	7.96E-04	0.00E+00	1.68E-05	3.97E-03	9.18E-02	0.00E+00	1.24E-10	1.61E-10	1.87E-05	4.76E-07	1.23E-02	0.00E+00	9.18E-02	2.25E-10	9.18E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.22E-04
MC113A	3.50E-05	1.53E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.79E-01	1.70E-07	1.65E-05	1.02E-04	0.00E+00	3.03E-04	1.37E-09	4.00E-11	1.85E-03	3.31E-05	1.02E-03	0.00E+00	2.16E-05	5.09E-03	1.18E-01	0.00E+00	1.59E-10	2.06E-10	2.39E-05	6.11E-07	1.57E-02	0.00E+00	1.18E-01	2.89E-10	1.18E-01	1.33E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.26E-04
MC116A	1.17E-05	5.25E-03	9.89E-04	4.26E-03	0.00E+00	0.00E+00	6.14E-02	5.84E-08	5.65E-06	3.51E-05	0.00E+00	1.04E-04	4.70E-10	1.37E-11	6.34E-04	1.14E-05	3.50E-04	0.00E+00	7.39E-06	1.75E-03	4.04E-02	0.00E+00	5.46E-11	7.07E-11	8.21E-06	2.09E-07	5.39E-03	0.00E+00	4.04E-02	9.91E-11	4.04E-02	4.58E-02	5.39E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
MC116P	2.63E-05	1.16E-02	2.19E-03	9.43E-03	0.00E+00	0.00E+00	1.36E-01	1.29E-07	1.25E-05	7.77E-05	0.00E+00	2.30E-04	1.04E-09	3.04E-11	1.40E-03	2.51E-05	7.75E-04	0.00E+00	1.64E-05	3.86E-03	8.93E-02	0.00E+00	1.21E-10	1.56E-10	1.82E-05	4.63E-07	1.19E-02	0.00E+00	8.93E-02	2.19E-10	8.93E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.02E-04
MC120A	2.37E-05	1.05E-02	1.97E-03	8.51E-03	0.00E+00	0.00E+00	1.23E-01	1.17E-07	1.13E-05	7.01E-05	0.00E+00	2.07E-04	9.38E-10	2.74E-11	1.27E-03	2.27E-05	7.00E-04	0.00E+00	1.48E-05	3.49E-03	8.07E-02	0.00E+00	1.09E-10	1.41E-10	1.64E-05	4.18E-07	1.08E-02	0.00E+00	8.07E-02	1.98E-10	8.07E-02	9.14E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.34E-04
MC120P	2.61E-05	1.15E-02	2.17E-03	9.34E-03	0.00E+00	0.00E+00	1.35E-01	1.28E-07	1.24E-05	7.70E-05	0.00E+00	2.27E-04	1.03E-09	3.01E-11	1.39E-03	2.49E-05	7.68E-04	0.00E+00	1.62E-05	3.83E-03	8.85E-02	0.00E+00	1.20E-10	1.55E-10	1.80E-05	4.59E-07	1.18E-02	0.00E+00	8.85E-02	2.17E-10	8.85E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.96E-04
MC125A	1.27E-05	5.72E-03	1.08E-03	4.64E-03	0.00E+00	0.00E+00	6.69E-02	6.36E-08	6.16E-06	3.83E-05	0.00E+00	1.13E-04	5.12E-10	1.50E-11	6.91E-04	1.24E-05	3.81E-04	0.00E+00	8.05E-06	1.90E-03	4.40E-02	0.00E+00	5.95E-11	7.70E-11	8.95E-06	2.28E-07	5.87E-03	0.00E+00	4.40E-02	1.08E-10	4.40E-02	4.99E-02	5.87E-03	0.00E+00	0.00E+00	0.00E+00	3.46E-04
MC132A	2.88E-05	1.26E-02	2.38E-03	1.02E-02	0.00E+00	0.00E+00	1.48E-01	1.40E-07	1.36E-05	8.45E-05	0.00E+00	2.50E-04	1.13E-09	3.30E-11	1.52E-03	2.73E-05	8.43E-04	0.00E+00	1.78E-05	4.20E-03	9.71E-02	0.00E+00	1.31E-10	1.70E-10	1.97E-05	5.04E-07	1.30E-02	0.00E+00	9.71E-02	2.38E-10	9.71E-02	1.10E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.64E-04
MC140A	2.90E-05	1.27E-02	2.39E-03	1.03E-02	0.00E+00	0.00E+00	1.48E-01	1.41E-07	1.37E-05	8.49E-05	0.00E+00	2.51E-04	1.14E-09	3.32E-11	1.53E-03	2.75E-05	8.47E-04	0.00E+00	1.79E-05	4.22E-03	9.77E-02	0.00E+00	1.32E-10	1.71E-10	1.99E-05	5.07E-07	1.30E-02	0.00E+00	9.77E-02	2.40E-10	9.77E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.68E-04
MC150A	8.13E-06	3.68E-03	6.93E-04	2.99E-03	0.00E+00	0.00E+00	4.31E-02	4.09E-08	3.96E-06	2.46E-05	0.00E+00	7.28E-05	3.29E-10	9.62E-12	4.44E-04	7.97E-06	2.45E-04	0.00E+00	5.18E-06	1.22E-03	2.83E-02	0.00E+00	3.83E-11	4.96E-11	5.76E-06	1.47E-07	3.78E-03	0.00E+00	2.83E-02	6.94E-11	2.83E-02	3.21E-02	3.78E-03	0.00E+00	0.00E+00	0.00E+00	2.22E-04

MC163A	3.20E-05	1.39E-02	2.63E-03	1.13E-02	0.00E+00	0.00E+00	1.63E-01	1.55E-07	1.50E-05	9.33E-05	0.00E+00	2.76E-04	1.25E-09	3.65E-11	1.68E-03	3.02E-05	9.31E-04	0.00E+00	1.96E-05	4.64E-03	1.07E-01	0.00E+00	1.45E-10	1.88E-10	2.18E-05	5.56E-07	1.43E-02	0.00E+00	1.07E-01	2.63E-10	1.07E-01	1.22E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	8.43E-04
MC201A	5.54E-05	2.39E-02	4.50E-03	1.94E-02	0.00E+00	0.00E+00	2.80E-01	2.66E-07	2.57E-05	1.60E-04	0.00E+00	4.73E-04	2.14E-09	6.25E-11	2.89E-03	5.17E-05	1.60E-03	0.00E+00	3.37E-05	7.95E-03	1.84E-01	0.00E+00	2.49E-10	3.22E-10	3.74E-05	9.54E-07	2.45E-02	0.00E+00	1.84E-01	4.51E-10	1.84E-01	2.09E-01	2.45E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MC202A	6.01E-05	2.59E-02	4.88E-03	2.10E-02	0.00E+00	0.00E+00	3.03E-01	2.88E-07	2.79E-05	1.73E-04	0.00E+00	5.12E-04	2.32E-09	6.77E-11	3.13E-03	5.60E-05	1.73E-03	0.00E+00	3.65E-05	8.61E-03	1.99E-01	0.00E+00	2.69E-10	3.49E-10	4.05E-05	1.03E-06	2.66E-02	0.00E+00	1.99E-01	4.89E-10	1.99E-01	2.26E-01	2.66E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
MC203A	5.34E-05	2.31E-02	4.35E-03	1.88E-02	0.00E+00	0.00E+00	2.70E-01	2.57E-07	2.49E-05	1.55E-04	0.00E+00	4.57E-04	2.07E-09	6.04E-11	2.79E-03	5.00E-05	1.54E-03	0.00E+00	3.25E-05	7.68E-03	1.78E-01	0.00E+00	2.40E-10	3.11E-10	3.61E-05	9.22E-07	2.37E-02	0.00E+00	1.78E-01	4.36E-10	1.78E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
MC204A	5.52E-05	2.39E-02	4.50E-03	1.94E-02	0.00E+00	0.00E+00	2.80E-01	2.66E-07	2.57E-05	1.60E-04	0.00E+00	4.73E-04	2.14E-09	6.25E-11	2.89E-03	5.17E-05	1.60E-03	0.00E+00	3.37E-05	7.95E-03	1.84E-01	0.00E+00	2.49E-10	3.22E-10	3.74E-05	9.54E-07	2.45E-02	0.00E+00	1.84E-01	4.51E-10	1.84E-01	2.09E-01	2.45E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MC206A	8.69E-05	3.79E-02	7.13E-03	3.08E-02	0.00E+00	0.00E+00	4.43E-01	4.21E-07	4.08E-05	2.53E-04	0.00E+00	7.49E-04	3.39E-09	9.90E-11	4.58E-03	8.19E-05	2.53E-03	0.00E+00	5.33E-05	1.26E-02	2.91E-01	0.00E+00	3.94E-10	5.10E-10	5.92E-05	1.51E-06	3.89E-02	0.00E+00	2.91E-01	7.15E-10	2.91E-01	3.30E-01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03
MC210A	7.94E-05	3.46E-02	6.52E-03	2.81E-02	0.00E+00	0.00E+00	4.05E-01	3.85E-07	3.73E-05	2.32E-04	0.00E+00	6.85E-04	3.10E-09	9.05E-11	4.18E-03	7.49E-05	2.31E-03	0.00E+00	4.88E-05	1.15E-02	2.66E-01	0.00E+00	3.60E-10	4.66E-10	5.41E-05	1.38E-06	3.55E-02	0.00E+00	2.66E-01	6.54E-10	2.66E-01	3.02E-01	3.55E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
MC210P	4.85E-05	2.14E-02	4.03E-03	1.74E-02	0.00E+00	0.00E+00	2.50E-01	2.38E-07	2.30E-05	1.43E-04	0.00E+00	4.23E-04	1.92E-09	5.60E-11	2.59E-03	4.63E-05	1.43E-03	0.00E+00	3.02E-05	7.12E-03	1.65E-01	0.00E+00	2.23E-10	2.88E-10	3.35E-05	8.54E-07	2.20E-02	0.00E+00	1.65E-01	4.04E-10	1.65E-01	1.87E-01	2.20E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
MC213A	7.56E-05	3.30E-02	6.21E-03	2.68E-02	0.00E+00	0.00E+00	3.86E-01	3.67E-07	3.55E-05	2.21E-04	0.00E+00	6.52E-04	2.95E-09	8.63E-11	3.99E-03	7.14E-05	2.20E-03	0.00E+00	4.65E-05	1.10E-02	2.54E-01	0.00E+00	3.43E-10	4.44E-10	5.16E-05	1.32E-06	3.39E-02	0.00E+00	2.54E-01	6.23E-10	2.54E-01	2.88E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
MC216A	6.53E-05	2.86E-02	5.38E-03	2.32E-02	0.00E+00	0.00E+00	3.34E-01	3.18E-07	3.08E-05	1.91E-04	0.00E+00	5.65E-04	2.56E-09	7.47E-11	3.45E-03	6.18E-05	1.91E-03	0.00E+00	4.03E-05	9.51E-03	2.20E-01	0.00E+00	2.97E-10	3.85E-10	4.47E-05	1.14E-06	2.93E-02	0.00E+00	2.20E-01	5.40E-10	2.20E-01	2.49E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
MC220A	2.05E-05	9.24E-03	1.74E-03	7.50E-03	0.00E+00	0.00E+00	1.08E-01	1.03E-07	9.95E-06	6.19E-05	0.00E+00	1.83E-04	8.27E-10	2.42E-11	1.12E-03	2.00E-05	6.16E-04	0.00E+00	1.30E-05	3.07E-03	7.11E-02	0.00E+00	9.62E-11	1.24E-10	1.45E-05	3.69E-07	9.49E-03	0.00E+00	7.11E-02	1.74E-10	7.11E-02	8.06E-02	9.49E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04
MC225A	2.03E-05	9.24E-03	1.74E-03	7.50E-03	0.00E+00	0.00E+00	1.08E-01	1.03E-07	9.95E-06	6.19E-05	0.00E+00	1.83E-04	8.27E-10	2.42E-11	1.12E-03	2.00E-05	6.16E-04	0.00E+00	1.30E-05	3.07E-03	7.11E-02	0.00E+00	9.62E-11	1.24E-10	1.45E-05	3.69E-07	9.49E-03	0.00E+00	7.11E-02	1.74E-10	7.11E-02	8.06E-02	9.49E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04
MC232A	5.75E-05	2.52E-02	4.74E-03	2.04E-02	0.00E+00	0.00E+00	2.94E-01	2.80E-07	2.71E-05	1.68E-04	0.00E+00	4.98E-04	2.25E-09	6.58E-11	3.04E-03	5.45E-05	1.68E-03	0.00E+00	3.55E-05	8.37E-03	1.94E-01	0.00E+00	2.62E-10	3.39E-10	3.94E-05	1.00E-06	2.58E-02	0.00E+00	1.94E-01	4.75E-10	1.94E-01	2.20E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	1.52E-03
MC240A	5.90E-05	2.58E-02	4.86E-03	2.10E-02	0.00E+00	0.00E+00	3.02E-01	2.87E-07	2.78E-05	1.73E-04	0.00E+00	5.11E-04	2.31E-09	6.75E-11	3.12E-03	5.59E-05	1.72E-03	0.00E+00	3.64E-05	8.59E-03	1.99E-01	0.00E+00	2.69E-10	3.48E-10	4.04E-05	1.03E-06	2.65E-02	0.00E+00	1.99E-01	4.87E-10	1.99E-01	2.25E-01	2.65E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
MC250A	6.34E-05	2.77E-02	5.22E-03	2.25E-02	0.00E+00	0.00E+00	3.24E-01	3.08E-07	2.98E-05	1.85E-04	0.00E+00	5.48E-04	2.48E-09	7.24E-11	3.35E-03	5.99E-05	1.85E-03	0.00E+00	3.90E-05	9.21E-03	2.13E-01	0.00E+00	2.88E-10	3.73E-10	4.33E-05	1.11E-06	2.84E-02	0.00E+00	2.13E-01	5.23E-10	2.13E-01	2.42E-01	2.84E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
MC263A	5.46E-05	2.39E-02	4.50E-03	1.94E-02	0.00E+00	0.00E+00	2.80E-01	2.66E-07	2.57E-05	1.60E-04	0.00E+00	4.73E-04	2.14E-09	6.25E-11	2.89E-03	5.17E-05	1.60E-03	0.00E+00	3.37E-05	7.95E-03	1.84E-01	0.00E+00	2.49E-10	3.22E-10	3.74E-05	9.54E-07	2.45E-02	0.00E+00	1.84E-01	4.51E-10	1.84E-01	2.09E-01	2.45E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MC301A	8.77E-05	3.80E-02	7.15E-03	3.08E-02	0.00E+00	0.00E+00	4.44E-01	4.22E-07	4.09E-05	2.54E-04	0.00E+00	7.51E-04	3.40E-09	9.93E-11	4.59E-03	8.22E-05	2.54E-03	0.00E+00	5.35E-05	1.26E-02	2.92E-01	0.00E+00	3.95E-10	5.11E-10	5.94E-05	1.52E-06	3.90E-02	0.00E+00	2.92E-01	7.17E-10	2.92E-01	3.31E-01	3.90E-02	0.00E+00	0.00E+00	0.00E+00	2.30E-03
MC302A	8.59E-05	3.72E-02	7.01E-03	3.02E-02	0.00E+00	0.00E+00	4.35E-01	4.14E-07	4.01E-05	2.49E-04	0.00E+00	7.36E-04	3.33E-09	9.73E-11	4.50E-03	8.05E-05	2.48E-03	0.00E+00	5.24E-05	1.24E-02	2.86E-01	0.00E+00	3.87E-10	5.01E-10	5.82E-05	1.49E-06	3.82E-02	0.00E+00	2.86E-01	7.03E-10	2.86E-01	3.25E-01	3.82E-02	0.00E+00	0.00E+00	0.00E+00	2.25E-03
MC303A	7.73E-05	3.36E-02	6.33E-03	2.73E-02	0.00E+00	0.00E+00	3.93E-01	3.74E-07	3.62E-05	2.25E-04	0.00E+00	6.64E-04	3.01E-09	8.78E-11	4.06E-03	7.27E-05	2.24E-03	0.00E+00	4.73E-05	1.12E-02	2.59E-01	0.00E+00	3.49E-10	4.52E-10	5.25E-05	1.34E-06	3.45E-02	0.00E+00	2.59E-01	6.34E-10	2.59E-01	2.93E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
MC304A	7.50E-05	3.26E-02	6.14E-03	2.65E-02	0.00E+00	0.00E+00	3.82E-01	3.63E-07	3.51E-05	2.18E-04	0.00E+00	6.45E-04	2.92E-09	8.53E-11	3.94E-03	7.06E-05	2.18E-03	0.00E+00	4.60E-05	1.09E-02	2.51E-01	0.00E+00	3.39E-10	4.39E-10	5.10E-05	1.30E-06	3.35E-02	0.00E+00	2.51E-01	6.16E-10	2.51E-01	2.85E-01	3.35E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
MC306A	1.28E-04	5.58E-02	1.05E-02	4.53E-02	0.00E+00	0.00E+00	6.53E-01	6.21E-07	6.01E-05	3.73E-04	0.00E+00	1.10E-03	4.99E-09	1.46E-10	6.74E-03	1.21E-04	3.73E-03	0.00E+00	7.87E-05	1.86E-02	4.30E-01	0.00E+00	5.81E-10	7.52E-10	8.73E-05	2.23E-06	5.73E-02	0.00E+00	4.30E-01	1.05E-09	4.30E-01	4.87E-01	5.73E-02	0.00E+00	0.00E+00	0.00E+00	3.38E-03
MC310A	1.37E-04	5.97E-02	1.12E-02	4.84E-02	0.00E+00	0.00E+00	6.97E-01	6.63E-07	6.42E-05	3.99E-04	0.00E+00	1.18E-03	5.33E-09	1.56E-10	7.21E-03	1.29E-04	3.98E-03	0.00E+00	8.40E-05	1.98E-02	4.59E-01	0.00E+00	6.20E-10	8.03E-10	9.33E-05	2.38E-06	6.12E-02	0.00E+00	4.59E-01	1.13E-09	4.59E-01	5.20E-01	6.12E-02	0.00E+00	0.00E+00	0.00E+00	3.61E-03
MC310P	7.00E-05	3.10E-02	5.83E-03	2.51E-02	0.00E+00	0.00E+00	3.62E-01	3.44E-07	3.33E-05	2.07E-04	0.00E+00	6.12E-04	2.77E-09	8.09E-11	3.74E-03	6.70E-05	2.06E-03	0.00E+00	4.36E-05	1.03E-02	2.38E-01	0.00E+00	3.22E-10	4.17E-10	4.84E-05	1.23E-06	3.18E-02	0.00E+00	2.38E-01	5.84E-10	2.38E-01	2.70E-01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03
MC313A	1.10E-04	4.79E-02	9.01E-03	3.89E-02	0.00E+00	0.00E+00	5.60E-01	5.32E-07	5.15E-05	3.20E-04	0.00E+00	9.47E-04	4.28E-09	1.25E-10	5.78E-03	1.04E-04	3.20E-03	0.00E+00	6.74E-05	1.59E-02	3.68E-01	0.00E+00	4.98E-10	6.45E-10	7.49E-05	1.91E-06	4.91E-02	0.00E+00	3.68E-01	9.04E-10	3.68E-01	4.18E-01	4.91E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
MC316A	3.58E-05	1.61E-02	3.03E-03	1.31E-02	0.00E+00	0.00E+00	1.88E-01	1.79E-07	1.73E-05	1.08E-04	0.00E+00	3.18E-04	1.44E-09	4.20E-11	1.94E-03	3.48E-05	1.07E-03	0.00E+00	2.26E-05	5.35E-03	1.24E-01	0.00E+00	1.67E-10	2.17E-10	2.51E-05	6.41E-07	1.65E-02	0.00E+00	1.24E-01	3.03E-10	1.24E-01	1.40E-01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	9.72E-04
MC316P	6.73E-05	2.98E-02	5.62E-03	2.42E-02	0.00E+00	0.00E+00	3.49E-01	3.32E-07	3.21E-05	2.00E-04	0.00E+00	5.90E-04	2.67E-09	7.80E-11	3.60E-03	6.46E-05	1.99E-03	0.00E+00	4.20E-05	9.92E-03	2.30E-01	0.00E+00	3.10E-10	4.02E-10	4.67E-05	1.19E-06	3.06E-02	0.00E+00	2.30E-01	5.63E-10	2.30E-01	2.60E-01	3.06E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
MC320A	6.52E-05	2.88E-02	5.42E-03	2.34E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.57E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MC325A	3.24E-05	1.47E-02	2.76E-03	1.19E-02	0.00E+00	0.00E+00	1.72E-01	1.63E-07	1.58E-05	9.82E-05	0.00E+00	2.90E-04	1.31E-09	3.84E-11	1.77E-03	3.18E-05	9.77E-04	0.00E+00	2.07E-05	4.88E-03	1.13E-01	0.00E+00	1.53E-10	1.98E-10	2.30E-05	5.85E-07	1.51E-02	0.00E+00	1.13E-01	2.77E-10	1.13E-01	1.28E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.87E-04
MC332A	2.53E-05	1.16E-02	2.18E-03	9.41E-03	0.00E+00	0.00E+00	1.36E-01	1.29E-07	1.25E-05	7.76E-05	0.00E+00	2.29E-04	1.04E-09	3.03E-11	1.40E-03	2.51E-05	7.71E-04	0.00E+00	1.63E-05	3.85E-03	8.92E-02	0.00E+00	1.21E-10	1.56E-10	1.81E-05	4.62E-07	1.19E-02	0.00E+00	8.92E-02	2.19E-10	8.92E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.00E-04
MC340A	8.21E-05	3.61E-02	6.79E-03	2.93E-02	0.00E+00	0.00E+00	4.22E-01	4.01E-07	3.88E-05	2.41E-04	0.00E+00	7.13E-04	3.23E-09	9.43E-11	4.36E-03	7.81E-05	2.41E-03	0.00E+00	5.08E-05	1.20E-02	2.78E-01	0.00E+00	3.75E-10	4.86E-10	5.64E-05	1.44E-06	3.70E-02	0.00E+00	2.78E-01	6.81E-10	2.78E-01	3.15E-01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	2.18E-03
MC350A	9.49E-05	4.15E-02	7.81E-03	3.37E-02	0.00E+00	0.00E+00	4.85E-01	4.61E-07	4.47E-05	2.78E-04	0.00E+00	8.20E-04	3.71E-09	1.08E-10	5.01E-03	8.98E-05	2.77E-03	0.00E+00	5.84E-05	1.38E-02	3.19E-01	0.00E+00	4.31E-10	5.59E-10	6.49E-05	1.66E-06	4.26E-02	0.00E+00	3.19E-01	7.83E-10	3.19E-01	3.62E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
MC363A	9.36E-05	4.10E-02	7.71E-03	3.33E-02	0.00E+00	0.00E+00	4.79E-01	4.55E-07	4.41E-05	2.74E-04	0.00E+00	8.10E-04	3.66E-09	1.07E-10	4.95E-03	8.86E-05	2.73E-03	0.00E+00	5.77E-05	1.36E-02	3.15E-01	0.00E+00	4.26E-10	5.51E-10	6.40E-05	1.63E-06	4.20E-02	0.00E+00	3.15E-01	7.73E-10	3.15E-01	3.57E-01	4.20E-02	0.00E+00	0.00E+00	0.00E+00	2.48E-03
MC400A	3.77E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.31E-04	1.50E-09	4.38E-11	2.02E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.57E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.68E-07	1.72E-02	0.00E+00	1.29E-01	3.16E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MC406A	1.82E-04	7.94E-02	1.50E-02	6.45E-02	0.00E+00	0.00E+00	9.29E-01	8.83E-07	8.55E-05	5.31E-04	0.00E+00	1.57E-03	7.10E-09	2.08E-10	9.59E-03	1.72E-04	5.30E-03	0.00E+00	1.12E-04	2.64E-02	6.11E-01	0.00E+00	8.26E-10	1.07E-09	1.24E-04	3.17E-06	8.15E-02	0.00E+00	6.11E-01	1.50E-09	6.11E-01	6.93E-01	8.15E-02	0.00E+00	0.00E+00	0.00E+00	4.80E-03
MC410A	1.84E-04	8.03E-02	1.51E-02	6.52E-02	0.00E+00	0.00E+00	9.38E-01	8.92E-07	8.64E-05	5.37E-04	0.00E+00	1.59E-03	7.18E-09	2.10E-10	9.69E-03	1.74E-04	5.36E-03	0.00E+00	1.13E-04	2.67E-02	6.17E-01	0.00E+00	8.34E-10	1.08E-09	1.25E-04	3.20E-06	8.24E-02	0.00E+00	6.17E-01	1.51E-09	6.17E-01	7.00E-01	8.24E-02	0.00E+00	0.00E+00	0.00E+00	4.85E-03
MC413A	1.59E-04	6.95E-02	1.31E-02	5.64E-02	0.00E+00	0.00E+00	8.13E-01	7.73E-07	7.48E-05	4.65E-04	0.00E+00	1.37E-03	6.22E-09	1.82E-10	8.40E-03	1.50E-04	4.64E-03	0.00E+00	9.79E-05	2.31E-02	5.35E-01	0.00E+00	7.23E-10	9.36E-10	1.09E-04	2.77E-06	7.13E-02	0.00E+00	5.35E-01	1.31E-09	5.35E-01	6.06E-01	7.13E-02	0.00E+00	0.00E+00	0.00E+00	4.20E-03
MC416A	1.67E-04	7.29E-02	1.37E-02	5.92E-02	0.00E+00	0.00E+00	8.52E-01	8.10E-07	7.84E-05	4.87E-04	0.00E+00	1.44E-03	6.52E-09	1.90E-10	8.80E-03	1.58E-04	4.86E-03	0.00E+00	1.03E-04	2.42E-02	5.61E-01	0.00E+00	7.58E-10	9.81E-10	1.14E-04	2.91E-06	7.48E-02	0.00E+00	5.61E-01	1.37E-09	5.61E-01	6.35E-01	7.48E-02	0.00E+00	0.00E+00	0.00E+00	4.41E-03
MC420A	9.36E-05	4.12E-02	7.76E-03	3.35E-02	0.00E+00	0.00E+00	4.82E-01	4.58E-07	4.44E-05	2.76E-04	0.00E+00	8.15E-04	3.69E-09	1.08E-10	4.98E-03	8.92E-05	2.75E-03	0.00E+00	5.81E-05	1.37E-02	3.17E-01	0.00E+00	4.29E-10	5.55E-10	6.45E-05	1.64E-06	4.23E-02	0.00E+00	3.17E-01	7.78E-10	3.17E-01	3.60E-01	4.23E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
MC425A	3.55E-05	1.62E-02	3.06E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.81E-07	1.75E-05	1.09E-04	0.00E+00	3.21E-04	1.45E-09	4.25E-11	1.96E-03	3.52E-05	1.08E-03	0.00E+00	2.29E-05	5.40E-03	1.25E-01	0.00E+00	1.69E-10	2.19E-10	2.54E-05	6.48E-07	1.67E-02	0.00E+00	1.25E-01	3.07E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.82E-04
MC432A	1.18E-04	5.18E-02	9.75E-03	4.20E-02	0.00E+00	0.00E+00	6.05E-01	5.75E-07	5.57E-05	3.46E-04	0.00E+00	1.02E-03	4.63E-09	1.35E-10	6.25E-03	1.12E-04	3.46E-03	0.00E+00	7.29E-05	1.72E-02	3.98E-01	0.00E+00	5.38E-10	6.97E-10	8.09E-05	2.06E-06	5.31E-02	0.00E+00	3.98E-01	9.77E-10	3.98E-01	4.51E-01	5.31E-02	0.00E+00	0.00E+00	0.00E+00	3.13E-03
MC440A	1.19E-04	5.22E-02	9.82E-03	4.23E-02	0.00E+00	0.00E+00	6.10E-01	5.80E-07	5.61E-05	3.49E-04	0.00E+00	1.03E-03	4.66E-09	1.36E-10	6.30E-03	1.13E-04	3.48E-03	0.00E+00	7.35E-05	1.73E-02	4.01E-01	0.00E+00	5.42E-10	7.02E-10	8.16E-05	2.08E-06	5.35E-02	0.00E+00	4.01E-01	9.84E-10	4.01E-01	4.55E-01	5.35E-02	0.00E+00	0.00E+00	0.00E+00	3.15E-03
MC450A	1.27E-04	5.54E-02	1.04E-02	4.50E-02	0.00E+00	0.00E+00	6.48E-01	6.16E-07	5.96E-05	3.71E-04	0.00E+00	1.10E-03	4.95E-09	1.45E-10	6.69E-03	1.20E-04	3.70E-03	0.00E+00	7.80E-05	1.84E-02	4.26E-01	0.00E+00	5.76E-10	7.46E-10	8.66E-05	2.21E-06	5.69E-02	0.00E+00	4.26E-01	1.05E-09	4.26E-01	4.83E-01	5.69E-02	0.00E+00	0.00E+00	0.00E+00	3.35E-03
MC463A	1.47E-04	6.44E-02	1.21E-02	5.23E-02	0.00E+00	0.00E+00	7.53E-01	7.16E-07	6.93E-05	4.31E-04	0.00E+00	1.27E-03	5.76E-09	1.68E-10	7.78E-03	1.39E-04	4.30E-03	0.00E+00	9.07E-05	2.14E-02	4.96E-01	0.00E+00	6.70E-10	8.67E-10	1.01E-04	2.57E-06	6.61E-02	0.00E+00	4.96E-01	1.22E-09	4.96E-01	5.62E-01	6.61E-02	0.00E+00	0.00E+00	0.00E+00	3.90E-03
MC506A	9.06E-05	3.95E-02	7.44E-03	3.21E-02	0.00E+00	0.00E+00	4.62E-01	4.39E-07	4.25E-05	2.64E-04	0.00E+00	7.81E-04	3.53E-09	1.03E-10	4.77E-03	8.54E-05	2.64E-03	0.00E+00	5.56E-05	1.31E-02	3.04E-01	0.00E+00	4.11E-10	5.32E-10	6.18E-05	1.58E-06	4.05E-02	0.00E+00	3.04E-01	7.45E-10	3.04E-01	3.44E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
MC510A	9.06E-05	3.95E-02	7.43E-03	3.21E-02	0.00E+00	0.00E+00	4.62E-01	4.39E-07	4.25E-05	2.64E-04	0.00E+00	7.81E-04	3.53E-09	1.03E-10	4.77E-03	8.54E-05	2.64E-03	0.00E+00	5.56E-05	1.31E-02	3.04E-01	0.00E+00	4.11E-10	5.32E-10	6.17E-05	1.58E-06	4.05E-02	0.00E+00	3.04E-01	7.45E-10	3.04E-01	3.44E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
MC513A	7.55E-05	3.30E-02	6.21E-03	2.68E-02	0.00E+00	0.00E+00	3.86E-01	3.67E-07	3.55E-05	2.21E-04	0.00E+00	6.52E-04	2.95E-09	8.62E-11	3.99E-03	7.14E-05	2.20E-03	0.00E+00	4.65E-05	1.10E-02	2.54E-01	0.00E+00	3.43E-10	4.44E-10	5.16E-05	1.32E-06	3.39E-02	0.00E+00	2.54E-01	6.23E-10	2.54E-01	2.88E-01	3.39E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
MC516A	6.90E-05	3.02E-02	5.68E-03	2.45E-02	0.00E+00	0.00E+00	3.53E-01	3.36E-07	3.25E-05	2.02E-04	0.00E+00	5.97E-04	2.70E-09	7.89E-11	3.65E-03	6.53E-05	2.02E-03	0.00E+00	4.25E-05	1.00E-02	2.32E-01	0.00E+00	3.14E-10	4.07E-10	4.72E-05	1.20E-06	3.10E-02	0.00E+00	2.32E-01	5.70E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
MC520A	5.66E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.67E-04	0.00E+00	4.92E-04	2.23E-09	6.51E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.51E-05	8.28E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
MC525A	2.53E-05	1.14E-02	2.15E-03	9.26E-03	0.00E+00	0.00E+00	1.33E-01	1.27E-07	1.23E-05	7.63E-05	0.00E+00	2.26E-04	1.02E-09	2.98E-11	1.38E-03	2.47E-05	7.60E-04	0.00E+00	1.61E-05	3.79E-03	8.78E-02	0.00E+00	1.19E-10	1.54E-10	1.78E-05	4.55E-07	1.17E-02	0.00E+00	8.78E-02	2.15E-10	8.78E-02	9.95E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.89E-04
MC532A	5.74E-05	2.52E-02	4.74E-03	2.05E-02	0.00E+00	0.00E+00	2.95E-01	2.80E-07	2.71E-05	1.69E-04	0.00E+00	4.98E-04	2.25E-09	6.59E-11	3.04E-03	5.45E-05	1.68E-03	0.00E+00	3.55E-05	8.38E-03	1.94E-01	0.00E+00	2.62E-10	3.39E-10	3.94E-05	1.01E-06	2.59E-02	0.00E+00	1.94E-01	4.76E-10	1.94E-01	2.20E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	1.52E-03
MC540A	7.01E-05	3.06E-02	5.77E-03	2.49E-02	0.00E+00	0.00E+00	3.58E-01	3.40E-07	3.30E-05	2.05E-04	0.00E+00	6.05E-04	2.74E-09	8.00E-11	3.70E-03	6.62E-05	2.04E-03	0.00E+00	4.31E-05	1.02E-02	2.36E-01	0.00E+00	3.18E-10	4.12E-10	4.79E-05	1.22E-06	3.14E-02	0.00E+00	2.36E-01	5.78E-10	2.36E-01	2.67E-01	3.14E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
MC563A	7.27E-05	3.18E-02	5.98E-03	2.58E-02	0.00E+00	0.00E+00	3.71E-01	3.53E-07	3.42E-05	2.12E-04	0.00E+00	6.28E-04	2.84E-09	8.30E-11	3.84E-03	6.87E-05	2.12E-03	0.00E+00	4.47E-05	1.06E-02	2.44E-01	0.00E+00	3.30E-10	4.28E-10	4.97E-05	1.27E-06	3.26E-02	0.00E+00	2.44E-01	5.99E-10	2.44E-01	2.77E-01	3.26E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
MCA103	3.36E-05	1.48E-02	2.78E-03	1.20E-02	0.00E+00	0.00E+00	1.72E-01	1.64E-07	1.59E-05	9.87E-05	0.00E+00	2.92E-04	1.32E-09	3.86E-11	1.78E-03	3.19E-05	9.85E-04	0.00E+00	2.08E-05	4.91E-03	1.13E-01	0.00E+00	1.53E-10	1.99E-10	2.31E-05	5.88E-07	1.51E-02	0.00E+00	1.13E-01	2.78E-10	1.13E-01	1.29E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.92E-04
MCA104	3.23E-05	1.42E-02	2.68E-03	1.15E-02	0.00E+00	0.00E+00	1.66E-01	1.58E-07	1.53E-05	9.51E-05	0.00E+00	2.81E-04	1.27E-09	3.71E-11	1.72E-03	3.07E-05	9.48E-04	0.00E+00	2.00E-05	4.73E-03	1.09E-01	0.00E+00	1.48E-10	1.91E-10	2.22E-05	5.67E-07	1.46E-02	0.00E+00	1.09E-01	2.68E-10	1.09E-01	1.24E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.59E-04
MCA140	3.37E-05	1.48E-02	2.79E-03	1.20E-02	0.00E+00	0.00E+00	1.73E-01	1.65E-07	1.60E-05	9.92E-05	0.00E+00	2.93E-04	1.33E-09	3.87E-11	1.79E-03	3.21E-05	9.89E-04	0.00E+00	2.09E-05	4.93E-03	1.14E-01	0.00E+00	1.54E-10	2.00E-10	2.32E-05	5.91E-07	1.52E-02	0.00E+00	1.14E-01	2.80E-10	1.14E-01	1.29E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.96E-04
MCA150	2.22E-05	9.87E-03	1.86E-03	8.01E-03	0.00E+00	0.00E+00	1.15E-01	1.10E-07	1.06E-05	6.60E-05	0.00E+00	1.95E-04	8.82E-10	2.58E-11	1.19E-03	2.13E-05	6.58E-04	0.00E+00	1.39E-05	3.28E-03	7.59E-02	0.00E+00	1.03E-10	1.33E-10	1.54E-05	3.94E-07	1.01E-02	0.00E+00	7.59E-02	1.86E-10	7.59E-02	8.60E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.97E-04
MCA163	2.47E-05	1.10E-02	2.06E-03	8.90E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.33E-05	0.00E+00	2.17E-04	9.81E-10	2.87E-11	1.32E-03	2.37E-05	7.31E-04	0.00E+00	1.54E-05	3.65E-03	8.43E-02	0.00E+00	1.14E-10	1.48E-10	1.71E-05	4.37E-07	1.13E-02	0.00E+00	8.43E-02	2.07E-10	8.43E-02	9.56E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04
MCA202	8.28E-05	3.62E-02	6.81E-03	2.94E-02	0.00E+00	0.00E+00	4.23E-01	4.02E-07	3.89E-05	2.42E-04	0.00E+00	7.15E-04	3.24E-09	9.46E-11	4.37E-03	7.82E-05	2.42E-03	0.00E+00	5.10E-05	1.20E-02	2.78E-01	0.00E+00	3.76E-10	4.87E-10	5.66E-05	1.44E-06	3.71E-02	0.00E+00	2.78E-01	6.83E-10	2.78E-01	3.15E-01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	2.19E-03
MCA204	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA206	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA210	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA216	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA220	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA225	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA232	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA240	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA250	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA263	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA310	9.06E-05	3.98E-02	7.50E-03	3.23E-02	0.00E+00	0.00E+00	4.66E-01	4.43E-07	4.29E-05	2.66E-04	0.00E+00	7.87E-04	3.56E-09	1.04E-10	4.81E-03	8.61E-05	2.66E-03	0.00E+00	5.61E-05	1.32E-02	3.06E-01	0.00E+00	4.14E-10	5.36E-10	6.23E-05	1.59E-06	4.09E-02	0.00E+00	3.06E-01	7.52E-10	3.06E-01	3.47E-01	4.09E-02	0.00E+00	0.00E+00	0.00E+00	2.41E-03
MCA316	9.36E-05	4.11E-02	7.74E-03	3.34E-02	0.00E+00	0.00E+00	4.81E-01	4.57E-07	4.43E-05	2.75E-04	0.00E+00	8.13E-04	3.68E-09	1.07E-10	4.97E-03	8.89E-05	2.74E-03	0.00E+00	5.79E-05	1.37E-02	3.16E-01	0.00E+00	4.28E-10	5.54E-10	6.43E-05	1.64E-06	4.22E-02	0.00E+00	3.16E-01	7.76E-10	3.16E-01	3.59E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
MCA320	8.91E-05	3.92E-02	7.38E-03	3.18E-02	0.00E+00	0.00E+00	4.58E-01	4.35E-07	4.22E-05	2.62E-04	0.00E+00	7.74E-04	3.50E-09	1.02E-10	4.73E-03	8.47E-05	2.61E-03	0.00E+00	5.52E-05	1.30E-02	3.01E-01	0.00E+00	4.07E-10	5.27E-10	6.13E-05	1.56E-06	4.02E-02	0.00E+00	3.01E-01	7.39E-10	3.01E-01	3.42E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
MCA325	9.25E-05	4.10E-02	7.71E-03	3.32E-02	0.00E+00	0.00E+00	4.79E-01	4.55E-07	4.41E-05	2.74E-04	0.00E+00	8.10E-04	3.66E-09	1.07E-10	4.95E-03	8.86E-05	2.73E-03	0.00E+00	5.77E-05	1.36E-02	3.15E-01	0.00E+00	4.26E-10	5.51E-10	6.40E-05	1.63E-06	4.20E-02	0.00E+00	3.15E-01	7.73E-10	3.15E-01	3.57E-01	4.20E-02	0.00E+00	0.00E+00	0.00E+00	2.48E-03
MCA332	1.02E-04	4.48E-02	8.43E-03	3.64E-02	0.00E+00	0.00E+00	5.24E-01	4.98E-07	4.82E-05	3.00E-04	0.00E+00	8.86E-04	4.01E-09	1.17E-10	5.41E-03	9.69E-05	2.99E-03	0.00E+00	6.31E-05	1.49E-02	3.45E-01	0.00E+00	4.66E-10	6.03E-10	7.00E-05	1.79E-06	4.60E-02	0.00E+00	3.45E-01	8.45E-10	3.45E-01	3.91E-01	4.60E-02	0.00E+00	0.00E+00	0.00E+00	2.71E-03
MCA340	1.10E-04	4.82E-02	9.07E-03	3.91E-02	0.00E+00	0.00E+00	5.63E-01	5.35E-07	5.18E-05	3.22E-04	0.00E+00	9.52E-04	4.31E-09	1.26E-10	5.82E-03	1.04E-04	3.21E-03	0.00E+00	6.78E-05	1.60E-02	3.70E-01	0.00E+00	5.01E-10	6.48E-10	7.53E-05	1.92E-06	4.94E-02	0.00E+00	3.70E-01	9.09E-10	3.70E-01	4.20E-01	4.94E-02	0.00E+00	0.00E+00	0.00E+00	2.91E-03
MCA350	3.23E-05	1.48E-02	2.79E-03	1.20E-02	0.00E+00	0.00E+00	1.73E-01	1.65E-07	1.59E-05	9.91E-05	0.00E+00	2.93E-04	1.32E-09	3.87E-11	1.79E-03	3.20E-05	9.86E-04	0.00E+00	2.08E-05	4.92E-03	1.14E-01	0.00E+00	1.54E-10	1.99E-10	2.32E-05	5.90E-07	1.52E-02	0.00E+00	1.14E-01	2.79E-10	1.14E-01	1.29E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.95E-04
MCA410	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA416	1.25E-04	5.44E-02	1.02E-02	4.41E-02	0.00E+00	0.00E+00	6.36E-01	6.04E-07	5.85E-05	3.64E-04	0.00E+00	1.07E-03	4.86E-09	1.42E-10	6.57E-03	1.18E-04	3.63E-03	0.00E+00	7.66E-05	1.81E-02	4.18E-01	0.00E+00	5.65E-10	7.32E-10	8.50E-05	2.17E-06	5.58E-02	0.00E+00	4.18E-01	1.03E-09	4.18E-01	4.74E-01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-03
MCA420	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA425	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA432	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA440	1.51E-04	6.55E-02	1.23E-02	5.32E-02	0.00E+00	0.00E+00	7.65E-01	7.28E-07	7.05E-05	4.38E-04	0.00E+00	1.29E-03	5.86E-09	1.71E-10	7.91E-03	1.42E-04	4.37E-03	0.00E+00	9.22E-05	2.18E-02	5.04E-01	0.00E+00	6.81E-10	8.82E-10	1.02E-04	2.61E-06	6.72E-02	0.00E+00	5.04E-01	1.24E-09	5.04E-01	5.71E-01	6.72E-02	0.00E+00	0.00E+00	0.00E+00	3.96E-03

MCA450	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA463	6.18E-05	2.74E-02	5.16E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.83E-04	0.00E+00	5.42E-04	2.45E-09	7.17E-11	3.31E-03	5.93E-05	1.83E-03	0.00E+00	3.86E-05	9.12E-03	2.11E-01	0.00E+00	2.85E-10	3.69E-10	4.29E-05	1.09E-06	2.81E-02	0.00E+00	2.11E-01	5.17E-10	2.11E-01	2.39E-01	2.81E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCA506	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA510	6.23E-05	2.76E-02	5.20E-03	2.24E-02	0.00E+00	0.00E+00	3.23E-01	3.07E-07	2.97E-05	1.85E-04	0.00E+00	5.46E-04	2.47E-09	7.22E-11	3.34E-03	5.98E-05	1.84E-03	0.00E+00	3.89E-05	9.19E-03	2.13E-01	0.00E+00	2.87E-10	3.72E-10	4.32E-05	1.10E-06	2.84E-02	0.00E+00	2.13E-01	5.22E-10	2.13E-01	2.41E-01	2.84E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
MCA516	5.50E-05	2.44E-02	4.60E-03	1.98E-02	0.00E+00	0.00E+00	2.86E-01	2.72E-07	2.63E-05	1.63E-04	0.00E+00	4.83E-04	2.19E-09	6.39E-11	2.95E-03	5.29E-05	1.63E-03	0.00E+00	3.44E-05	8.13E-03	1.88E-01	0.00E+00	2.54E-10	3.29E-10	3.82E-05	9.75E-07	2.51E-02	0.00E+00	1.88E-01	4.61E-10	1.88E-01	2.13E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
MCA520	6.00E-05	2.64E-02	4.97E-03	2.14E-02	0.00E+00	0.00E+00	3.09E-01	2.93E-07	2.84E-05	1.77E-04	0.00E+00	5.22E-04	2.36E-09	6.90E-11	3.19E-03	5.71E-05	1.76E-03	0.00E+00	3.72E-05	8.78E-03	2.03E-01	0.00E+00	2.74E-10	3.55E-10	4.13E-05	1.05E-06	2.71E-02	0.00E+00	2.03E-01	4.98E-10	2.03E-01	2.30E-01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
MCA525	6.21E-05	2.76E-02	5.19E-03	2.24E-02	0.00E+00	0.00E+00	3.22E-01	3.07E-07	2.97E-05	1.84E-04	0.00E+00	5.45E-04	2.47E-09	7.21E-11	3.33E-03	5.97E-05	1.84E-03	0.00E+00	3.88E-05	9.17E-03	2.12E-01	0.00E+00	2.87E-10	3.71E-10	4.31E-05	1.10E-06	2.83E-02	0.00E+00	2.12E-01	5.20E-10	2.12E-01	2.40E-01	2.83E-02	0.00E+00	0.00E+00	0.00E+00	1.67E-03
MCA532	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCA540	7.76E-05	3.39E-02	6.37E-03	2.75E-02	0.00E+00	0.00E+00	3.96E-01	3.76E-07	3.64E-05	2.26E-04	0.00E+00	6.69E-04	3.03E-09	8.85E-11	4.09E-03	7.32E-05	2.26E-03	0.00E+00	4.77E-05	1.13E-02	2.60E-01	0.00E+00	3.52E-10	4.56E-10	5.29E-05	1.35E-06	3.47E-02	0.00E+00	2.60E-01	6.39E-10	2.60E-01	2.95E-01	3.47E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MCN001	2.56E-05	1.09E-02	2.06E-03	8.87E-03	0.00E+00	0.00E+00	1.28E-01	1.21E-07	1.18E-05	7.31E-05	0.00E+00	2.16E-04	9.78E-10	2.86E-11	1.32E-03	2.36E-05	7.29E-04	0.00E+00	1.54E-05	3.63E-03	8.41E-02	0.00E+00	1.14E-10	1.47E-10	1.71E-05	4.36E-07	1.12E-02	0.00E+00	8.41E-02	2.06E-10	8.41E-02	9.53E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.61E-04
MCN002	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN003	3.89E-05	1.67E-02	3.15E-03	1.36E-02	0.00E+00	0.00E+00	1.95E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.30E-04	1.50E-09	4.37E-11	2.02E-03	3.62E-05	1.12E-03	0.00E+00	2.35E-05	5.56E-03	1.29E-01	0.00E+00	1.74E-10	2.25E-10	2.61E-05	6.67E-07	1.72E-02	0.00E+00	1.29E-01	3.15E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MCN004	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN006	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN008	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN010	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN013	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN016	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN020	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN025	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN032	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN040	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN099	2.09E-05	8.97E-03	1.69E-03	7.28E-03	0.00E+00	0.00E+00	1.05E-01	9.97E-08	9.65E-06	6.00E-05	0.00E+00	1.77E-04	8.02E-10	2.34E-11	1.08E-03	1.94E-05	5.98E-04	0.00E+00	1.26E-05	2.98E-03	6.90E-02	0.00E+00	9.32E-11	1.21E-10	1.40E-05	3.58E-07	9.20E-03	0.00E+00	6.90E-02	1.69E-10	6.90E-02	7.82E-02	9.20E-03	0.00E+00	0.00E+00	0.00E+00	5.42E-04
MCN100	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN100E	1.23E-05	5.25E-03	9.89E-04	4.26E-03	0.00E+00	0.00E+00	6.14E-02	5.84E-08	5.65E-06	3.51E-05	0.00E+00	1.04E-04	4.70E-10	1.37E-11	6.34E-04	1.14E-05	3.50E-04	0.00E+00	7.39E-06	1.75E-03	4.04E-02	0.00E+00	5.46E-11	7.07E-11	8.21E-06	2.09E-07	5.39E-03	0.00E+00	4.04E-02	9.91E-11	4.04E-02	4.58E-02	5.39E-03	0.00E+00	0.00E+00	0.00E+00	3.17E-04
MCN101	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN101E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN102	2.31E-05	9.85E-03	1.85E-03	7.99E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.59E-05	0.00E+00	1.95E-04	8.81E-10	2.57E-11	1.19E-03	2.13E-05	6.57E-04	0.00E+00	1.39E-05	3.27E-03	7.58E-02	0.00E+00	1.02E-10	1.33E-10	1.54E-05	3.93E-07	1.01E-02	0.00E+00	7.58E-02	1.86E-10	7.58E-02	8.59E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.95E-04
MCN102E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN103	3.30E-05	1.42E-02	2.67E-03	1.15E-02	0.00E+00	0.00E+00	1.66E-01	1.58E-07	1.53E-05	9.49E-05	0.00E+00	2.81E-04	1.27E-09	3.71E-11	1.71E-03	3.07E-05	9.47E-04	0.00E+00	2.00E-05	4.72E-03	1.09E-01	0.00E+00	1.48E-10	1.91E-10	2.22E-05	5.66E-07	1.46E-02	0.00E+00	1.09E-01	2.68E-10	1.09E-01	1.24E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.58E-04
MCN103E	1.43E-05	6.12E-03	1.15E-03	4.97E-03	0.00E+00	0.00E+00	7.15E-02	6.80E-08	6.58E-06	4.09E-05	0.00E+00	1.21E-04	5.47E-10	1.60E-11	7.39E-04	1.32E-05	4.08E-04	0.00E+00	8.61E-06	2.03E-03	4.71E-02	0.00E+00	6.36E-11	8.24E-11	9.57E-06	2.44E-07	6.28E-03	0.00E+00	4.71E-02	1.15E-10	4.71E-02	5.33E-02	6.28E-03	0.00E+00	0.00E+00	0.00E+00	3.70E-04
MCN104	3.63E-05	1.56E-02	2.94E-03	1.27E-02	0.00E+00	0.00E+00	1.82E-01	1.73E-07	1.68E-05	1.04E-04	0.00E+00	3.08E-04	1.40E-09	4.08E-11	1.88E-03	3.37E-05	1.04E-03	0.00E+00	2.20E-05	5.19E-03	1.20E-01	0.00E+00	1.62E-10	2.10E-10	2.44E-05	6.22E-07	1.60E-02	0.00E+00	1.20E-01	2.94E-10	1.20E-01	1.36E-01	1.60E-02	0.00E+00	0.00E+00	0.00E+00	9.43E-04
MCN104E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN106	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN106A	4.50E-05	1.97E-02	3.70E-03	1.60E-02	0.00E+00	0.00E+00	2.30E-01	2.19E-07	2.12E-05	1.32E-04	0.00E+00	3.89E-04	1.76E-09	5.14E-11	2.38E-03	4.25E-05	1.31E-03	0.00E+00	2.77E-05	6.54E-03	1.51E-01	0.00E+00	2.05E-10	2.65E-10	3.08E-05	7.85E-07	2.02E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.72E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
MCN106E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN110	1.22E-05	5.49E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.42E-02	6.10E-08	5.91E-06	3.67E-05	0.00E+00	1.09E-04	4.91E-10	1.44E-11	6.63E-04	1.19E-05	3.66E-04	0.00E+00	7.73E-06	1.83E-03	4.23E-02	0.00E+00	5.71E-11	7.39E-11	8.59E-06	2.19E-07	5.64E-03	0.00E+00	4.23E-02	1.04E-10	4.23E-02	4.79E-02	5.64E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
MCN110A	1.23E-05	5.54E-03	1.04E-03	4.49E-03	0.00E+00	0.00E+00	6.47E-02	6.15E-08	5.96E-06	3.70E-05	0.00E+00	1.09E-04	4.95E-10	1.45E-11	6.68E-04	1.20E-05	3.69E-04	0.00E+00	7.79E-06	1.84E-03	4.26E-02	0.00E+00	5.76E-11	7.45E-11	8.66E-06	2.21E-07	5.68E-03	0.00E+00	4.26E-02	1.04E-10	4.26E-02	4.83E-02	5.68E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04
MCN110E	3.14E-05	1.38E-02	2.60E-03	1.12E-02	0.00E+00	0.00E+00	1.61E-01	1.53E-07	1.48E-05	9.23E-05	0.00E+00	2.73E-04	1.23E-09	3.61E-11	1.67E-03	2.98E-05	9.21E-04	0.00E+00	1.94E-05	4.59E-03	1.06E-01	0.00E+00	1.43E-10	1.86E-10	2.16E-05	5.50E-07	1.42E-02	0.00E+00	1.06E-01	2.60E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.34E-04
MCN113	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCN113E	1.56E-05	7.00E-03	1.32E-03	5.68E-03	0.00E+00	0.00E+00	8.18E-02	7.78E-08	7.53E-06	4.68E-05	0.00E+00	1.38E-04	6.26E-10	1.83E-11	8.45E-04	1.51E-05	4.67E-04	0.00E+00	9.85E-06	2.33E-03	5.38E-02	0.00E+00	7.28E-11	9.42E-11	1.09E-05	2.79E-07	7.18E-03	0.00E+00	5.38E-02	1.32E-10	5.38E-02	6.10E-02	7.18E-03	0.00E+00	0.00E+00	0.00E+00	4.23E-04
MCN116	4.76E-05	2.07E-02	3.90E-03	1.68E-02	0.00E+00	0.00E+00	2.42E-01	2.30E-07	2.23E-05	1.39E-04	0.00E+00	4.10E-04	1.85E-09	5.42E-11	2.50E-03	4.48E-05	1.38E-03	0.00E+00	2.92E-05	6.90E-03	1.60E-01	0.00E+00	2.16E-10	2.79E-10	3.24E-05	8.27E-07	2.13E-02	0.00E+00	1.60E-01	3.91E-10	1.60E-01	1.81E-01	2.13E-02	0.00E+00	0.00E+00	0.00E+00	1.25E-03
MCN116A	1.07E-05	4.88E-03	9.19E-04	3.96E-03	0.00E+00	0.00E+00	5.70E-02	5.42E-08	5.25E-06	3.26E-05	0.00E+00	9.65E-05	4.36E-10	1.28E-11	5.89E-04	1.06E-05	3.25E-04	0.00E+00	6.87E-06	1.62E-03	3.75E-02	0.00E+00	5.07E-11	6.57E-11	7.63E-06	1.95E-07	5.01E-03	0.00E+00	3.75E-02	9.20E-11	3.75E-02	4.25E-02	5.01E-03	0.00E+00	0.00E+00	0.00E+00	2.95E-04
MCN116E	1.67E-05	7.47E-03	1.41E-03	6.06E-03	0.00E+00	0.00E+00	8.73E-02	8.30E-08	8.04E-06	5.00E-05	0.00E+00	1.48E-04	6.68E-10	1.95E-11	9.02E-04	1.62E-05	4.98E-04	0.00E+00	1.05E-05	2.48E-03	5.75E-02	0.00E+00	7.77E-11	1.01E-10	1.17E-05	2.98E-07	7.67E-03	0.00E+00	5.75E-02	1.41E-10	5.75E-02	6.51E-02	7.67E-03	0.00E+00	0.00E+00	0.00E+00	4.52E-04
MCN120	9.61E-06	4.46E-03	8.41E-04	3.62E-03	0.00E+00	0.00E+00	5.22E-02	4.96E-08	4.81E-06	2.99E-05	0.00E+00	8.83E-05	3.99E-10	1.17E-11	5.39E-04	9.66E-06	2.97E-04	0.00E+00	6.28E-06	1.48E-03	3.43E-02	0.00E+00	4.64E-11	6.01E-11	6.98E-06	1.78E-07	4.58E-03	0.00E+00	3.43E-02	8.42E-11	3.43E-02	3.89E-02	4.58E-03	0.00E+00	0.00E+00	0.00E+00	2.70E-04
MCN120A	1.39E-05	6.29E-03	1.19E-03	5.11E-03	0.00E+00	0.00E+00	7.36E-02	6.99E-08	6.77E-06	4.21E-05	0.00E+00	1.24E-04	5.63E-10	1.65E-11	7.60E-04	1.36E-05	4.19E-04	0.00E+00	8.86E-06	2.09E-03	4.84E-02	0.00E+00	6.54E-11	8.47E-11	9.84E-06	2.51E-07	6.46E-03	0.00E+00	4.84E-02	1.19E-10	4.84E-02	5.49E-02	6.46E-03	0.00E+00	0.00E+00	0.00E+00	3.80E-04
MCN120E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN125	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN125A	9.15E-06	4.24E-03	7.99E-04	3.44E-03	0.00E+00	0.00E+00	4.96E-02	4.71E-08	4.57E-06	2.84E-05	0.00E+00	8.39E-05	3.80E-10	1.11E-11	5.12E-04	9.18E-06	2.82E-04	0.00E+00	5.97E-06	1.41E-03	3.26E-02	0.00E+00	4.41E-11	5.71E-11	6.63E-06	1.69E-07	4.35E-03	0.00E+00	3.26E-02	8.00E-11	3.26E-02	3.70E-02	4.35E-03	0.00E+00	0.00E+00	0.00E+00	2.56E-04
MCN125E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN132	3.30E-05	1.45E-02	2.73E-03	1.18E-02	0.00E+00	0.00E+00	1.70E-01	1.61E-07	1.56E-05	9.70E-05	0.00E+00	2.87E-04	1.30E-09	3.79E-11	1.75E-03	3.14E-05	9.68E-04	0.00E+00	2.04E-05	4.82E-03	1.12E-01	0.00E+00	1.51E-10	1.95E-10	2.27E-05	5.78E-07	1.49E-02	0.00E+00	1.12E-01	2.74E-10	1.12E-01	1.26E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.77E-04
MCN132A	2.88E-05	1.27E-02	2.39E-03	1.03E-02	0.00E+00	0.00E+00	1.48E-01	1.41E-07	1.37E-05	8.49E-05	0.00E+00	2.51E-04	1.14E-09	3.32E-11	1.53E-03	2.75E-05	8.47E-04	0.00E+00	1.79E-05	4.22E-03	9.77E-02	0.00E+00	1.32E-10	1.71E-10	1.99E-05	5.06E-07	1.30E-02	0.00E+00	9.77E-02	2.40E-10	9.77E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.68E-04
MCN132E	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN140	3.20E-05	1.40E-02	2.64E-03	1.14E-02	0.00E+00	0.00E+00	1.64E-01	1.56E-07	1.51E-05	9.39E-05	0.00E+00	2.78E-04	1.26E-09	3.67E-11	1.70E-03	3.04E-05	9.37E-04	0.00E+00	1.98E-05	4.67E-03	1.08E-01	0.00E+00	1.46E-10	1.89E-10	2.20E-05	5.60E-07	1.44E-02	0.00E+00	1.08E-01	2.65E-10	1.08E-01	1.22E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	8.49E-04
MCN140A	3.25E-05	1.42E-02	2.68E-03	1.16E-02	0.00E+00	0.00E+00	1.66E-01	1.58E-07	1.53E-05	9.52E-05	0.00E+00	2.81E-04	1.27E-09	3.72E-11	1.72E-03	3.08E-05	9.50E-04	0.00E+00	2.00E-05	4.73E-03	1.09E-01	0.00E+00	1.48E-10	1.92E-10	2.23E-05	5.68E-07	1.46E-02	0.00E+00	1.09E-01	2.69E-10	1.09E-01	1.24E-01	1.46E-02	0.00E+00	0.00E+00	0.00E+00	8.61E-04
MCN140E	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MCN150	2.78E-05	1.22E-02	2.30E-03	9.93E-03	0.00E+00	0.00E+00	1.43E-01	1.36E-07	1.32E-05	8.18E-05	0.00E+00	2.42E-04	1.09E-09	3.20E-11	1.48E-03	2.65E-05	8.16E-04	0.00E+00	1.72E-05	4.07E-03	9.41E-02	0.00E+00	1.27E-10	1.65E-10	1.91E-05	4.88E-07	1.26E-02	0.00E+00	9.41E-02	2.31E-10	9.41E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.40E-04
MCN150A	3.49E-05	1.53E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.79E-01	1.70E-07	1.65E-05	1.02E-04	0.00E+00	3.03E-04	1.37E-09	4.00E-11	1.85E-03	3.31E-05	1.02E-03	0.00E+00	2.16E-05	5.09E-03	1.18E-01	0.00E+00	1.59E-10	2.06E-10	2.39E-05	6.11E-07	1.57E-02	0.00E+00	1.18E-01	2.89E-10	1.18E-01	1.34E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.26E-04
MCN150E	2.24E-05	9.90E-03	1.86E-03	8.03E-03	0.00E+00	0.00E+00	1.16E-01	1.10E-07	1.06E-05	6.62E-05	0.00E+00	1.96E-04	8.85E-10	2.59E-11	1.20E-03	2.14E-05	6.60E-04	0.00E+00	1.39E-05	3.29E-03	7.61E-02	0.00E+00	1.03E-10	1.33E-10	1.55E-05	3.95E-07	1.02E-02	0.00E+00	7.61E-02	1.87E-10	7.61E-02	8.63E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	5.98E-04
MCN163	2.66E-05	1.17E-02	2.20E-03	9.50E-03	0.00E+00	0.00E+00	1.37E-01	1.30E-07	1.26E-05	7.83E-05	0.00E+00	2.31E-04	1.05E-09	3.06E-11	1.41E-03	2.53E-05	7.81E-04	0.00E+00	1.65E-05	3.89E-03	9.00E-02	0.00E+00	1.22E-10	1.58E-10	1.83E-05	4.67E-07	1.20E-02	0.00E+00	9.00E-02	2.21E-10	9.00E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.07E-04
MCN163A	3.69E-05	1.62E-02	3.04E-03	1.31E-02	0.00E+00	0.00E+00	1.89E-01	1.80E-07	1.74E-05	1.08E-04	0.00E+00	3.20E-04	1.45E-09	4.23E-11	1.95E-03	3.50E-05	1.08E-03	0.00E+00	2.28E-05	5.38E-03	1.24E-01	0.00E+00	1.68E-10	2.18E-10	2.53E-05	6.45E-07	1.66E-02	0.00E+00	1.24E-01	3.05E-10	1.24E-01	1.41E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	9.78E-04
MCN163E	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCN200	4.17E-05	1.82E-02	3.42E-03	1.48E-02	0.00E+00	0.00E+00	2.13E-01	2.02E-07	1.96E-05	1.22E-04	0.00E+00	3.60E-04	1.63E-09	4.75E-11	2.20E-03	3.93E-05	1.21E-03	0.00E+00	2.56E-05	6.05E-03	1.40E-01	0.00E+00	1.89E-10	2.45E-10	2.84E-05	7.25E-07	1.87E-02	0.00E+00	1.40E-01	3.43E-10	1.40E-01	1.59E-01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
MCN200E	1.99E-05	8.71E-03	1.64E-03	7.07E-03	0.00E+00	0.00E+00	1.02E-01	9.68E-08	9.37E-06	5.83E-05	0.00E+00	1.72E-04	7.79E-10	2.28E-11	1.05E-03	1.88E-05	5.80E-04	0.00E+00	1.23E-05	2.89E-03	6.70E-02	0.00E+00	9.06E-11	1.17E-10	1.36E-05	3.47E-07	8.94E-03	0.00E+00	6.70E-02	1.64E-10	6.70E-02	7.59E-02	8.94E-03	0.00E+00	0.00E+00	0.00E+00	5.26E-04
MCN201	4.79E-05	2.08E-02	3.91E-03	1.69E-02	0.00E+00	0.00E+00	2.43E-01	2.31E-07	2.24E-05	1.39E-04	0.00E+00	4.11E-04	1.86E-09	5.43E-11	2.51E-03	4.50E-05	1.39E-03	0.00E+00	2.93E-05	6.91E-03	1.60E-01	0.00E+00	2.16E-10	2.80E-10	3.25E-05	8.29E-07	2.13E-02	0.00E+00	1.60E-01	3.92E-10	1.60E-01	1.81E-01	2.13E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
MCN201E	2.90E-05	1.26E-02	2.37E-03	1.02E-02	0.00E+00	0.00E+00	1.47E-01	1.40E-07	1.35E-05	8.41E-05	0.00E+00	2.48E-04	1.12E-09	3.28E-11	1.52E-03	2.72E-05	8.37E-04	0.00E+00	1.77E-05	4.18E-03	9.67E-02	0.00E+00	1.31E-10	1.69E-10	1.96E-05	5.01E-07	1.29E-02	0.00E+00	9.67E-02	2.37E-10	9.67E-02	1.10E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.60E-04
MCN202	5.22E-05	2.26E-02	4.26E-03	1.84E-02	0.00E+00	0.00E+00	2.65E-01	2.51E-07	2.43E-05	1.51E-04	0.00E+00	4.47E-04	2.02E-09	5.91E-11	2.73E-03	4.89E-05	1.51E-03	0.00E+00	3.19E-05	7.52E-03	1.74E-01	0.00E+00	2.35E-10	3.05E-10	3.54E-05	9.02E-07	2.32E-02	0.00E+00	1.74E-01	4.27E-10	1.74E-01	1.97E-01	2.32E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
MCN202E	2.44E-05	1.06E-02	1.99E-03	8.57E-03	0.00E+00	0.00E+00	1.24E-01	1.17E-07	1.14E-05	7.07E-05	0.00E+00	2.09E-04	9.45E-10	2.76E-11	1.28E-03	2.29E-05	7.04E-04	0.00E+00	1.49E-05	3.51E-03	8.13E-02	0.00E+00	1.10E-10	1.42E-10	1.65E-05	4.21E-07	1.08E-02	0.00E+00	8.13E-02	1.99E-10	8.13E-02	9.21E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	6.39E-04
MCN203	7.19E-05	3.12E-02	5.87E-03	2.53E-02	0.00E+00	0.00E+00	3.64E-01	3.46E-07	3.35E-05	2.08E-04	0.00E+00	6.16E-04	2.79E-09	8.15E-11	3.76E-03	6.74E-05	2.08E-03	0.00E+00	4.39E-05	1.04E-02	2.40E-01	0.00E+00	3.24E-10	4.20E-10	4.87E-05	1.24E-06	3.20E-02	0.00E+00	2.40E-01	5.88E-10	2.40E-01	2.72E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
MCN203E	2.46E-05	1.07E-02	2.02E-03	8.70E-03	0.00E+00	0.00E+00	1.25E-01	1.19E-07	1.15E-05	7.18E-05	0.00E+00	2.12E-04	9.60E-10	2.80E-11	1.29E-03	2.32E-05	7.15E-04	0.00E+00	1.51E-05	3.57E-03	8.25E-02	0.00E+00	1.12E-10	1.44E-10	1.68E-05	4.28E-07	1.10E-02	0.00E+00	8.25E-02	2.02E-10	8.25E-02	9.35E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.48E-04
MCN204	7.33E-05	3.18E-02	5.99E-03	2.58E-02	0.00E+00	0.00E+00	3.72E-01	3.54E-07	3.42E-05	2.13E-04	0.00E+00	6.29E-04	2.85E-09	8.32E-11	3.84E-03	6.88E-05	2.12E-03	0.00E+00	4.48E-05	1.06E-02	2.45E-01	0.00E+00	3.31E-10	4.28E-10	4.97E-05	1.27E-06	3.27E-02	0.00E+00	2.45E-01	6.00E-10	2.45E-01	2.77E-01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
MCN204E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN206	6.38E-05	2.79E-02	5.26E-03	2.27E-02	0.00E+00	0.00E+00	3.26E-01	3.10E-07	3.00E-05	1.87E-04	0.00E+00	5.52E-04	2.50E-09	7.30E-11	3.37E-03	6.04E-05	1.86E-03	0.00E+00	3.93E-05	9.29E-03	2.15E-01	0.00E+00	2.90E-10	3.76E-10	4.37E-05	1.11E-06	2.87E-02	0.00E+00	2.15E-01	5.27E-10	2.15E-01	2.43E-01	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.69E-03
MCN206A	7.16E-05	3.14E-02	5.91E-03	2.55E-02	0.00E+00	0.00E+00	3.67E-01	3.49E-07	3.38E-05	2.10E-04	0.00E+00	6.20E-04	2.81E-09	8.20E-11	3.79E-03	6.79E-05	2.09E-03	0.00E+00	4.42E-05	1.04E-02	2.41E-01	0.00E+00	3.26E-10	4.23E-10	4.91E-05	1.25E-06	3.22E-02	0.00E+00	2.41E-01	5.92E-10	2.41E-01	2.74E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
MCN206E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN208E	5.85E-05	2.57E-02	4.83E-03	2.08E-02	0.00E+00	0.00E+00	3.00E-01	2.85E-07	2.76E-05	1.72E-04	0.00E+00	5.07E-04	2.29E-09	6.70E-11	3.10E-03	5.55E-05	1.71E-03	0.00E+00	3.61E-05	8.53E-03	1.97E-01	0.00E+00	2.67E-10	3.45E-10	4.01E-05	1.02E-06	2.63E-02	0.00E+00	1.97E-01	4.84E-10	1.97E-01	2.24E-01	2.63E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
MCN210	6.55E-05	2.88E-02	5.42E-03	2.34E-02	0.00E+00	0.00E+00	3.37E-01	3.20E-07	3.10E-05	1.93E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.48E-03	6.23E-05	1.92E-03	0.00E+00	4.05E-05	9.57E-03	2.21E-01	0.00E+00	2.99E-10	3.88E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN210A	6.33E-05	2.78E-02	5.24E-03	2.26E-02	0.00E+00	0.00E+00	3.25E-01	3.09E-07	2.99E-05	1.86E-04	0.00E+00	5.50E-04	2.49E-09	7.27E-11	3.36E-03	6.02E-05	1.86E-03	0.00E+00	3.92E-05	9.26E-03	2.14E-01	0.00E+00	2.89E-10	3.75E-10	4.35E-05	1.11E-06	2.86E-02	0.00E+00	2.14E-01	5.25E-10	2.14E-01	2.43E-01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
MCN210E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN213	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCN213E	3.28E-05	1.46E-02	2.75E-03	1.19E-02	0.00E+00	0.00E+00	1.71E-01	1.62E-07	1.57E-05	9.78E-05	0.00E+00	2.89E-04	1.31E-09	3.82E-11	1.77E-03	3.16E-05	9.75E-04	0.00E+00	2.06E-05	4.86E-03	1.12E-01	0.00E+00	1.52E-10	1.97E-10	2.29E-05	5.83E-07	1.50E-02	0.00E+00	1.12E-01	2.76E-10	1.12E-01	1.27E-01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	8.84E-04

MCN216	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCN216A	1.90E-05	8.67E-03	1.63E-03	7.04E-03	0.00E+00	0.00E+00	1.01E-01	9.64E-08	9.34E-06	5.80E-05	0.00E+00	1.72E-04	7.76E-10	2.27E-11	1.05E-03	1.88E-05	5.77E-04	0.00E+00	1.22E-05	2.88E-03	6.67E-02	0.00E+00	9.02E-11	1.17E-10	1.36E-05	3.46E-07	8.90E-03	0.00E+00	6.67E-02	1.64E-10	6.67E-02	7.56E-02	8.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
MCN216E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN220	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MCN220A	2.00E-05	9.05E-03	1.71E-03	7.35E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.74E-06	6.06E-05	0.00E+00	1.79E-04	8.10E-10	2.37E-11	1.09E-03	1.96E-05	6.03E-04	0.00E+00	1.27E-05	3.01E-03	6.96E-02	0.00E+00	9.42E-11	1.22E-10	1.42E-05	3.61E-07	9.29E-03	0.00E+00	6.96E-02	1.71E-10	6.96E-02	7.89E-02	9.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
MCN220E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN225	1.99E-05	9.15E-03	1.72E-03	7.43E-03	0.00E+00	0.00E+00	1.07E-01	1.02E-07	9.86E-06	6.13E-05	0.00E+00	1.81E-04	8.19E-10	2.39E-11	1.11E-03	1.98E-05	6.09E-04	0.00E+00	1.29E-05	3.04E-03	7.05E-02	0.00E+00	9.52E-11	1.23E-10	1.43E-05	3.65E-07	9.40E-03	0.00E+00	7.05E-02	1.73E-10	7.05E-02	7.99E-02	9.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
MCN225A	3.84E-05	1.71E-02	3.22E-03	1.39E-02	0.00E+00	0.00E+00	2.00E-01	1.90E-07	1.84E-05	1.14E-04	0.00E+00	3.38E-04	1.53E-09	4.47E-11	2.06E-03	3.70E-05	1.14E-03	0.00E+00	2.41E-05	5.68E-03	1.31E-01	0.00E+00	1.78E-10	2.30E-10	2.67E-05	6.82E-07	1.75E-02	0.00E+00	1.31E-01	3.22E-10	1.31E-01	1.49E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
MCN225E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN232	7.61E-05	3.33E-02	6.28E-03	2.71E-02	0.00E+00	0.00E+00	3.90E-01	3.70E-07	3.59E-05	2.23E-04	0.00E+00	6.59E-04	2.98E-09	8.71E-11	4.03E-03	7.21E-05	2.22E-03	0.00E+00	4.69E-05	1.11E-02	2.56E-01	0.00E+00	3.47E-10	4.49E-10	5.21E-05	1.33E-06	3.42E-02	0.00E+00	2.56E-01	6.29E-10	2.56E-01	2.91E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
MCN232A	5.50E-05	2.43E-02	4.57E-03	1.97E-02	0.00E+00	0.00E+00	2.84E-01	2.70E-07	2.61E-05	1.62E-04	0.00E+00	4.80E-04	2.17E-09	6.34E-11	2.93E-03	5.25E-05	1.62E-03	0.00E+00	3.42E-05	8.07E-03	1.87E-01	0.00E+00	2.52E-10	3.27E-10	3.79E-05	9.68E-07	2.49E-02	0.00E+00	1.87E-01	4.58E-10	1.87E-01	2.12E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
MCN232E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN240	6.76E-05	2.97E-02	5.58E-03	2.41E-02	0.00E+00	0.00E+00	3.47E-01	3.30E-07	3.19E-05	1.98E-04	0.00E+00	5.86E-04	2.65E-09	7.75E-11	3.58E-03	6.41E-05	1.98E-03	0.00E+00	4.18E-05	9.86E-03	2.28E-01	0.00E+00	3.08E-10	3.99E-10	4.64E-05	1.18E-06	3.04E-02	0.00E+00	2.28E-01	5.60E-10	2.28E-01	2.59E-01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
MCN240A	6.66E-05	2.92E-02	5.50E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.14E-05	1.95E-04	0.00E+00	5.78E-04	2.61E-09	7.64E-11	3.53E-03	6.32E-05	1.95E-03	0.00E+00	4.12E-05	9.72E-03	2.25E-01	0.00E+00	3.04E-10	3.93E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.51E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MCN240E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN250	6.01E-05	2.64E-02	4.97E-03	2.14E-02	0.00E+00	0.00E+00	3.09E-01	2.94E-07	2.84E-05	1.77E-04	0.00E+00	5.22E-04	2.36E-09	6.90E-11	3.19E-03	5.71E-05	1.76E-03	0.00E+00	3.72E-05	8.78E-03	2.03E-01	0.00E+00	2.75E-10	3.56E-10	4.13E-05	1.05E-06	2.71E-02	0.00E+00	2.03E-01	4.98E-10	2.03E-01	2.30E-01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
MCN250A	6.81E-05	2.99E-02	5.62E-03	2.43E-02	0.00E+00	0.00E+00	3.49E-01	3.32E-07	3.21E-05	2.00E-04	0.00E+00	5.90E-04	2.67E-09	7.81E-11	3.61E-03	6.46E-05	1.99E-03	0.00E+00	4.21E-05	9.93E-03	2.30E-01	0.00E+00	3.11E-10	4.02E-10	4.67E-05	1.19E-06	3.07E-02	0.00E+00	2.30E-01	5.64E-10	2.30E-01	2.60E-01	3.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
MCN250E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN263	5.96E-05	2.62E-02	4.93E-03	2.13E-02	0.00E+00	0.00E+00	3.06E-01	2.91E-07	2.82E-05	1.75E-04	0.00E+00	5.18E-04	2.34E-09	6.85E-11	3.16E-03	5.67E-05	1.75E-03	0.00E+00	3.69E-05	8.71E-03	2.02E-01	0.00E+00	2.72E-10	3.53E-10	4.10E-05	1.04E-06	2.69E-02	0.00E+00	2.02E-01	4.94E-10	2.02E-01	2.28E-01	2.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
MCN263A	7.30E-05	3.20E-02	6.02E-03	2.59E-02	0.00E+00	0.00E+00	3.74E-01	3.55E-07	3.44E-05	2.14E-04	0.00E+00	6.32E-04	2.86E-09	8.35E-11	3.86E-03	6.91E-05	2.13E-03	0.00E+00	4.50E-05	1.06E-02	2.46E-01	0.00E+00	3.32E-10	4.30E-10	5.00E-05	1.27E-06	3.28E-02	0.00E+00	2.46E-01	6.03E-10	2.46E-01	2.79E-01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
MCN263E	2.29E-05	1.03E-02	1.94E-03	8.35E-03	0.00E+00	0.00E+00	1.20E-01	1.14E-07	1.11E-05	6.89E-05	0.00E+00	2.04E-04	9.21E-10	2.69E-11	1.24E-03	2.23E-05	6.86E-04	0.00E+00	1.45E-05	3.42E-03	7.92E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.11E-07	1.06E-02	0.00E+00	7.92E-02	1.94E-10	7.92E-02	8.98E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
MCN300	3.42E-05	1.52E-02	2.87E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.01E-04	1.36E-09	3.98E-11	1.84E-03	3.29E-05	1.01E-03	0.00E+00	2.14E-05	5.06E-03	1.17E-01	0.00E+00	1.58E-10	2.05E-10	2.38E-05	6.07E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04
MCN300E	3.47E-05	1.53E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.79E-01	1.70E-07	1.64E-05	1.02E-04	0.00E+00	3.02E-04	1.37E-09	3.99E-11	1.84E-03	3.31E-05	1.02E-03	0.00E+00	2.15E-05	5.08E-03	1.18E-01	0.00E+00	1.59E-10	2.06E-10	2.39E-05	6.09E-07	1.57E-02	0.00E+00	1.18E-01	2.88E-10	1.18E-01	1.33E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04
MCN301	7.90E-05	3.44E-02	6.48E-03	2.79E-02	0.00E+00	0.00E+00	4.02E-01	3.83E-07	3.70E-05	2.30E-04	0.00E+00	6.80E-04	3.08E-09	9.00E-11	4.16E-03	7.44E-05	2.30E-03	0.00E+00	4.85E-05	1.14E-02	2.65E-01	0.00E+00	3.58E-10	4.63E-10	5.38E-05	1.37E-06	3.53E-02	0.00E+00	2.65E-01	6.50E-10	2.65E-01	3.00E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MCN301E	4.05E-05	1.77E-02	3.34E-03	1.44E-02	0.00E+00	0.00E+00	2.07E-01	1.97E-07	1.91E-05	1.18E-04	0.00E+00	3.50E-04	1.58E-09	4.63E-11	2.14E-03	3.83E-05	1.18E-03	0.00E+00	2.49E-05	5.89E-03	1.36E-01	0.00E+00	1.84E-10	2.38E-10	2.77E-05	7.06E-07	1.82E-02	0.00E+00	1.36E-01	3.34E-10	1.36E-01	1.54E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
MCN302	8.19E-05	3.57E-02	6.71E-03	2.90E-02	0.00E+00	0.00E+00	4.17E-01	3.96E-07	3.84E-05	2.39E-04	0.00E+00	7.05E-04	3.19E-09	9.32E-11	4.31E-03	7.71E-05	2.38E-03	0.00E+00	5.02E-05	1.19E-02	2.74E-01	0.00E+00	3.71E-10	4.80E-10	5.58E-05	1.42E-06	3.66E-02	0.00E+00	2.74E-01	6.73E-10	2.74E-01	3.11E-01	3.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
MCN302E	6.03E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN303	1.05E-04	4.55E-02	8.57E-03	3.69E-02	0.00E+00	0.00E+00	5.32E-01	5.06E-07	4.90E-05	3.04E-04	0.00E+00	9.00E-04	4.07E-09	1.19E-10	5.50E-03	9.84E-05	3.04E-03	0.00E+00	6.41E-05	1.51E-02	3.50E-01	0.00E+00	4.73E-10	6.13E-10	7.12E-05	1.82E-06	4.67E-02	0.00E+00	3.50E-01	8.59E-10	3.50E-01	3.97E-01	4.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
MCN303E	3.73E-05	1.64E-02	3.09E-03	1.33E-02	0.00E+00	0.00E+00	1.92E-01	1.82E-07	1.77E-05	1.10E-04	0.00E+00	3.25E-04	1.47E-09	4.29E-11	1.98E-03	3.55E-05	1.09E-03	0.00E+00	2.31E-05	5.46E-03	1.26E-01	0.00E+00	1.71E-10	2.21E-10	2.57E-05	6.55E-07	1.68E-02	0.00E+00	1.26E-01	3.10E-10	1.26E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
MCN304	1.04E-04	4.53E-02	8.53E-03	3.68E-02	0.00E+00	0.00E+00	5.30E-01	5.03E-07	4.87E-05	3.03E-04	0.00E+00	8.95E-04	4.05E-09	1.18E-10	5.47E-03	9.80E-05	3.02E-03	0.00E+00	6.38E-05	1.51E-02	3.48E-01	0.00E+00	4.71E-10	6.10E-10	7.08E-05	1.81E-06	4.65E-02	0.00E+00	3.48E-01	8.55E-10	3.48E-01	3.95E-01	4.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
MCN304E	2.87E-05	1.27E-02	2.39E-03	1.03E-02	0.00E+00	0.00E+00	1.49E-01	1.41E-07	1.37E-05	8.50E-05	0.00E+00	2.51E-04	1.14E-09	3.32E-11	1.53E-03	2.75E-05	8.46E-04	0.00E+00	1.79E-05	4.22E-03	9.78E-02	0.00E+00	1.32E-10	1.71E-10	1.99E-05	5.07E-07	1.30E-02	0.00E+00	9.78E-02	2.40E-10	9.78E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
MCN306	7.14E-05	3.14E-02	5.92E-03	2.55E-02	0.00E+00	0.00E+00	3.68E-01	3.50E-07	3.38E-05	2.10E-04	0.00E+00	6.22E-04	2.81E-09	8.22E-11	3.80E-03	6.80E-05	2.10E-03	0.00E+00	4.43E-05	1.05E-02	2.42E-01	0.00E+00	3.27E-10	4.23E-10	4.92E-05	1.25E-06	3.23E-02	0.00E+00	2.42E-01	5.93E-10	2.42E-01	2.74E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
MCN306A	9.61E-05	4.22E-02	7.95E-03	3.43E-02	0.00E+00	0.00E+00	4.93E-01	4.69E-07	4.54E-05	2.82E-04	0.00E+00	8.34E-04	3.77E-09	1.10E-10	5.10E-03	9.13E-05	2.82E-03	0.00E+00	5.94E-05	1.40E-02	3.25E-01	0.00E+00	4.39E-10	5.68E-10	6.60E-05	1.68E-06	4.33E-02	0.00E+00	3.25E-01	7.96E-10	3.25E-01	3.68E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
MCN306E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN308	2.75E-05	1.27E-02	2.40E-03	1.03E-02	0.00E+00	0.00E+00	1.49E-01	1.42E-07	1.37E-05	8.52E-05	0.00E+00	2.52E-04	1.14E-09	3.33E-11	1.54E-03	2.76E-05	8.47E-04	0.00E+00	1.79E-05	4.23E-03	9.80E-02	0.00E+00	1.32E-10	1.71E-10	1.99E-05	5.08E-07	1.31E-02	0.00E+00	9.80E-02	2.40E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-04
MCN310	8.69E-05	3.83E-02	7.20E-03	3.11E-02	0.00E+00	0.00E+00	4.47E-01	4.25E-07	4.12E-05	2.56E-04	0.00E+00	7.56E-04	3.42E-09	1.00E-10	4.62E-03	8.28E-05	2.55E-03	0.00E+00	5.39E-05	1.27E-02	2.94E-01	0.00E+00	3.98E-10	5.15E-10	5.98E-05	1.53E-06	3.93E-02	0.00E+00	2.94E-01	7.22E-10	2.94E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
MCN310A	8.85E-05	3.90E-02	7.34E-03	3.16E-02	0.00E+00	0.00E+00	4.56E-01	4.33E-07	4.19E-05	2.61E-04	0.00E+00	7.70E-04	3.48E-09	1.02E-10	4.71E-03	8.43E-05	2.60E-03	0.00E+00	5.49E-05	1.30E-02	3.00E-01	0.00E+00	4.05E-10	5.25E-10	6.09E-05	1.55E-06	4.00E-02	0.00E+00	3.00E-01	7.35E-10	3.00E-01	3.40E-01	4.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
MCN310E	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCN313	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN313E	9.68E-05	4.24E-02	7.98E-03	3.44E-02	0.00E+00	0.00E+00	4.95E-01	4.71E-07	4.56E-05	2.83E-04	0.00E+00	8.38E-04	3.79E-09	1.11E-10	5.12E-03	9.16E-05	2.83E-03	0.00E+00	5.97E-05	1.41E-02	3.26E-01	0.00E+00	4.41E-10	5.70E-10	6.62E-05	1.69E-06	4.35E-02	0.00E+00	3.26E-01	8.00E-10	3.26E-01	3.69E-01	4.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
MCN316	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN316A	5.83E-05	2.60E-02	4.89E-03	2.11E-02	0.00E+00	0.00E+00	3.04E-01	2.89E-07	2.80E-05	1.74E-04	0.00E+00	5.14E-04	2.32E-09	6.79E-11	3.14E-03	5.62E-05	1.73E-03	0.00E+00	3.66E-05	8.64E-03	2.00E-01	0.00E+00	2.70E-10	3.50E-10	4.06E-05	1.04E-06	2.67E-02	0.00E+00	2.00E-01	4.90E-10	2.00E-01	2.27E-01	2.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
MCN316E	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCN320	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN320A	5.67E-05	2.53E-02	4.75E-03	2.05E-02	0.00E+00	0.00E+00	2.95E-01	2.81E-07	2.72E-05	1.69E-04	0.00E+00	4.99E-04	2.26E-09	6.60E-11	3.05E-03	5.46E-05	1.68E-03	0.00E+00	3.56E-05	8.40E-03	1.94E-01	0.00E+00	2.63E-10	3.40E-10	3.95E-05	1.01E-06	2.59E-02	0.00E+00	1.94E-01	4.76E-10	1.94E-01	2.20E-01	2.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
MCN320E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN325	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN325A	5.50E-05	2.45E-02	4.62E-03	1.99E-02	0.00E+00	0.00E+00	2.87E-01	2.73E-07	2.64E-05	1.64E-04	0.00E+00	4.85E-04	2.19E-09	6.41E-11	2.96E-03	5.30E-05	1.63E-03	0.00E+00	3.45E-05	8.15E-03	1.89E-01	0.00E+00	2.55E-10	3.30E-10	3.83E-05	9.78E-07	2.52E-02	0.00E+00	1.89E-01	4.63E-10	1.89E-01	2.14E-01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
MCN325E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN332	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN332A	1.05E-04	4.61E-02	8.68E-03	3.74E-02	0.00E+00	0.00E+00	5.39E-01	5.12E-07	4.96E-05	3.08E-04	0.00E+00	9.11E-04	4.12E-09	1.20E-10	5.57E-03	9.97E-05	3.08E-03	0.00E+00	6.49E-05	1.53E-02	3.55E-01	0.00E+00	4.79E-10	6.21E-10	7.21E-05	1.84E-06	4.73E-02	0.00E+00	3.55E-01	8.70E-10	3.55E-01	4.02E-01	4.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
MCN332E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN340	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MCN340A	9.41E-05	4.14E-02	7.79E-03	3.36E-02	0.00E+00	0.00E+00	4.84E-01	4.60E-07	4.45E-05	2.77E-04	0.00E+00	8.18E-04	3.70E-09	1.08E-10	5.00E-03	8.95E-05	2.76E-03	0.00E+00	5.83E-05	1.38E-02	3.18E-01	0.00E+00	4.30E-10	5.57E-10	6.47E-05	1.65E-06	4.25E-02	0.00E+00	3.18E-01	7.81E-10	3.18E-01	3.61E-01	4.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
MCN340E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN350	7.81E-05	3.43E-02	6.47E-03	2.79E-02	0.00E+00	0.00E+00	4.01E-01	3.82E-07	3.70E-05	2.30E-04	0.00E+00	6.79E-04	3.07E-09	8.97E-11	4.15E-03	7.43E-05	2.29E-03	0.00E+00	4.84E-05	1.14E-02	2.64E-01	0.00E+00	3.57E-10	4.62E-10	5.37E-05	1.37E-06	3.52E-02	0.00E+00	2.64E-01	6.48E-10	2.64E-01	2.99E-01	3.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MCN350A	9.23E-05	4.06E-02	7.64E-03	3.29E-02	0.00E+00	0.00E+00	4.74E-01	4.51E-07	4.37E-05	2.71E-04	0.00E+00	8.02E-04	3.63E-09	1.06E-10	4.90E-03	8.78E-05	2.71E-03	0.00E+00	5.72E-05	1.35E-02	3.12E-01	0.00E+00	4.22E-10	5.46E-10	6.35E-05	1.62E-06	4.17E-02	0.00E+00	3.12E-01	7.66E-10	3.12E-01	3.54E-01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
MCN350E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN363	8.15E-05	3.58E-02	6.75E-03	2.91E-02	0.00E+00	0.00E+00	4.19E-01	3.98E-07	3.86E-05	2.40E-04	0.00E+00	7.08E-04	3.20E-09	9.36E-11	4.33E-03	7.75E-05	2.39E-03	0.00E+00	5.05E-05	1.19E-02	2.76E-01	0.00E+00	3.73E-10	4.82E-10	5.60E-05	1.43E-06	3.68E-02	0.00E+00	2.76E-01	6.76E-10	2.76E-01	3.12E-01	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
MCN363A	1.05E-04	4.62E-02	8.70E-03	3.75E-02	0.00E+00	0.00E+00	5.40E-01	5.14E-07	4.97E-05	3.09E-04	0.00E+00	9.13E-04	4.13E-09	1.21E-10	5.58E-03	9.99E-05	3.08E-03	0.00E+00	6.51E-05	1.54E-02	3.55E-01	0.00E+00	4.80E-10	6.22E-10	7.22E-05	1.84E-06	4.74E-02	0.00E+00	3.55E-01	8.72E-10	3.55E-01	4.03E-01	4.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
MCN363E	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN400	1.14E-04	4.98E-02	9.37E-03	4.04E-02	0.00E+00	0.00E+00	5.82E-01	5.53E-07	5.36E-05	3.33E-04	0.00E+00	9.84E-04	4.45E-09	1.30E-10	6.01E-03	1.08E-04	3.32E-03	0.00E+00	7.01E-05	1.66E-02	3.83E-01	0.00E+00	5.18E-10	6.70E-10	7.78E-05	1.99E-06	5.11E-02	0.00E+00	3.83E-01	9.40E-10	3.83E-01	4.34E-01	5.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03
MCN400E	5.38E-06	2.98E-03	5.65E-04	2.42E-03	0.00E+00	0.00E+00	3.51E-02	3.33E-08	3.23E-06	2.00E-05	0.00E+00	5.93E-05	2.69E-10	7.84E-12	3.59E-04	6.50E-06	1.95E-04	0.00E+00	4.19E-06	9.89E-04	2.30E-02	0.00E+00	3.12E-11	4.03E-11	4.69E-06	1.19E-07	3.07E-03	0.00E+00	2.30E-02	5.64E-11	2.30E-02	2.61E-02	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
MCN401	9.90E-05	4.33E-02	8.15E-03	3.51E-02	0.00E+00	0.00E+00	5.06E-01	4.81E-07	4.66E-05	2.90E-04	0.00E+00	8.56E-04	3.87E-09	1.13E-10	5.23E-03	9.37E-05	2.89E-03	0.00E+00	6.10E-05	1.44E-02	3.33E-01	0.00E+00	4.50E-10	5.83E-10	6.77E-05	1.73E-06	4.44E-02	0.00E+00	3.33E-01	8.17E-10	3.33E-01	3.78E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
MCN401E	8.29E-05	3.62E-02	6.81E-03	2.94E-02	0.00E+00	0.00E+00	4.23E-01	4.02E-07	3.89E-05	2.42E-04	0.00E+00	7.15E-04	3.23E-09	9.45E-11	4.37E-03	7.82E-05	2.41E-03	0.00E+00	5.09E-05	1.20E-02	2.78E-01	0.00E+00	3.76E-10	4.87E-10	5.65E-05	1.44E-06	3.71E-02	0.00E+00	2.78E-01	6.82E-10	2.78E-01	3.15E-01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
MCN402	8.78E-05	3.84E-02	7.24E-03	3.12E-02	0.00E+00	0.00E+00	4.49E-01	4.27E-07	4.14E-05	2.57E-04	0.00E+00	7.60E-04	3.44E-09	1.00E-10	4.64E-03	8.31E-05	2.56E-03	0.00E+00	5.41E-05	1.28E-02	2.96E-01	0.00E+00	4.00E-10	5.17E-10	6.01E-05	1.53E-06	3.94E-02	0.00E+00	2.96E-01	7.25E-10	2.96E-01	3.35E-01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN402E	8.80E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN403	3.76E-05	1.70E-02	3.20E-03	1.38E-02	0.00E+00	0.00E+00	1.99E-01	1.89E-07	1.83E-05	1.14E-04	0.00E+00	3.36E-04	1.52E-09	4.44E-11	2.05E-03	3.67E-05	1.13E-03	0.00E+00	2.39E-05	5.64E-03	1.31E-01	0.00E+00	1.77E-10	2.29E-10	2.65E-05	6.77E-07	1.74E-02	0.00E+00	1.31E-01	3.20E-10	1.31E-01	1.48E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
MCN404	1.36E-04	5.92E-02	1.11E-02	4.80E-02	0.00E+00	0.00E+00	6.92E-01	6.58E-07	6.37E-05	3.96E-04	0.00E+00	1.17E-03	5.29E-09	1.55E-10	7.15E-03	1.28E-04	3.95E-03	0.00E+00	8.33E-05	1.97E-02	4.55E-01	0.00E+00	6.15E-10	7.97E-10	9.25E-05	2.36E-06	6.07E-02	0.00E+00	4.55E-01	1.12E-09	4.55E-01	5.16E-01	6.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
MCN404E	8.39E-05	3.67E-02	6.91E-03	2.98E-02	0.00E+00	0.00E+00	4.29E-01	4.08E-07	3.95E-05	2.46E-04	0.00E+00	7.26E-04	3.28E-09	9.59E-11	4.43E-03	7.94E-05	2.45E-03	0.00E+00	5.17E-05	1.22E-02	2.82E-01	0.00E+00	3.82E-10	4.94E-10	5.74E-05	1.46E-06	3.77E-02	0.00E+00	2.82E-01	6.93E-10	2.82E-01	3.20E-01	3.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
MCN406	1.40E-04	6.13E-02	1.15E-02	4.97E-02	0.00E+00	0.00E+00	7.16E-01	6.81E-07	6.59E-05	4.10E-04	0.00E+00	1.21E-03	5.48E-09	1.60E-10	7.40E-03	1.32E-04	4.09E-03	0.00E+00	8.63E-05	2.04E-02	4.71E-01	0.00E+00	6.37E-10	8.25E-10	9.58E-05	2.44E-06	6.29E-02	0.00E+00	4.71E-01	1.16E-09	4.71E-01	5.34E-01	6.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
MCN406A	1.18E-04	5.20E-02	9.78E-03	4.22E-02	0.00E+00	0.00E+00	6.07E-01	5.77E-07	5.59E-05	3.48E-04	0.00E+00	1.03E-03	4.65E-09	1.36E-10	6.27E-03	1.12E-04	3.47E-03	0.00E+00	7.32E-05	1.73E-02	4.00E-01	0.00E+00	5.40E-10	6.99E-10	8.12E-05	2.07E-06	5.33E-02	0.00E+00	4.00E-01	9.80E-10	4.00E-01	4.53E-01	5.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
MCN410	1.31E-04	5.76E-02	1.08E-02	4.67E-02	0.00E+00	0.00E+00	6.73E-01	6.40E-07	6.20E-05	3.85E-04	0.00E+00	1.14E-03	5.15E-09	1.50E-10	6.95E-03	1.25E-04	3.84E-03	0.00E+00	8.11E-05	1.91E-02	4.43E-01	0.00E+00	5.99E-10	7.75E-10	9.00E-05	2.30E-06	5.91E-02	0.00E+00	4.43E-01	1.09E-09	4.43E-01	5.02E-01	5.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
MCN410A	1.49E-04	6.54E-02	1.23E-02	5.31E-02	0.00E+00	0.00E+00	7.64E-01	7.26E-07	7.03E-05	4.37E-04	0.00E+00	1.29E-03	5.85E-09	1.71E-10	7.89E-03	1.41E-04	4.36E-03	0.00E+00	9.21E-05	2.17E-02	5.03E-01	0.00E+00	6.80E-10	8.80E-10	1.02E-04	2.61E-06	6.71E-02	0.00E+00	5.03E-01	1.23E-09	5.03E-01	5.70E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03
MCN410E	9.42E-05	4.15E-02	7.81E-03	3.37E-02	0.00E+00	0.00E+00	4.85E-01	4.61E-07	4.47E-05	2.78E-04	0.00E+00	8.20E-04	3.71E-09	1.08E-10	5.01E-03	8.98E-05	2.77E-03	0.00E+00	5.84E-05	1.38E-02	3.19E-01	0.00E+00	4.31E-10	5.59E-10	6.49E-05	1.66E-06	4.26E-02	0.00E+00	3.19E-01	7.83E-10	3.19E-01	3.62E-01	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03
MCN413	8.39E-05	3.72E-02	7.01E-03	3.02E-02	0.00E+00	0.00E+00	4.35E-01	4.14E-07	4.01E-05	2.49E-04	0.00E+00	7.36E-04	3.33E-09	9.73E-11	4.50E-03	8.06E-05	2.48E-03	0.00E+00	5.24E-05	1.24E-02	2.86E-01	0.00E+00	3.87E-10	5.01E-10	5.82E-05	1.49E-06	3.82E-02	0.00E+00	2.86E-01	7.03E-10	2.86E-01	3.25E-01	3.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
MCN413E	8.18E-05	3.62E-02	6.81E-03	2.94E-02	0.00E+00	0.00E+00	4.23E-01	4.02E-07	3.89E-05	2.42E-04	0.00E+00	7.15E-04	3.23E-09	9.45E-11	4.37E-03	7.82E-05	2.41E-03	0.00E+00	5.09E-05	1.20E-02	2.78E-01	0.00E+00	3.76E-10	4.87E-10	5.65E-05	1.44E-06	3.71E-02	0.00E+00	2.78E-01	6.82E-10	2.78E-01	3.15E-01	3.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
MCN416	6.17E-05	2.75E-02	5.18E-03	2.23E-02	0.00E+00	0.00E+00	3.22E-01	3.06E-07	2.96E-05	1.84E-04	0.00E+00	5.44E-04	2.46E-09	7.19E-11	3.32E-03	5.95E-05	1.83E-03	0.00E+00	3.87E-05	9.14E-03	2.12E-01	0.00E+00	2.86E-10	3.70E-10	4.30E-05	1.10E-06	2.82E-02	0.00E+00	2.12E-01	5.19E-10	2.12E-01	2.40E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCN416A	8.77E-05	3.89E-02	7.32E-03	3.16E-02	0.00E+00	0.00E+00	4.55E-01	4.32E-07	4.19E-05	2.60E-04	0.00E+00	7.69E-04	3.48E-09	1.02E-10	4.70E-03	8.41E-05	2.59E-03	0.00E+00	5.48E-05	1.29E-02	2.99E-01	0.00E+00	4.04E-10	5.24E-10	6.08E-05	1.55E-06	3.99E-02	0.00E+00	2.99E-01	7.34E-10	2.99E-01	3.39E-01	3.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
MCN416E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN420	4.10E-05	1.88E-02	3.54E-03	1.53E-02	0.00E+00	0.00E+00	2.20E-01	2.09E-07	2.03E-05	1.26E-04	0.00E+00	3.72E-04	1.68E-09	4.92E-11	2.27E-03	4.07E-05	1.25E-03	0.00E+00	2.65E-05	6.25E-03	1.45E-01	0.00E+00	1.96E-10	2.53E-10	2.94E-05	7.50E-07	1.93E-02	0.00E+00	1.45E-01	3.55E-10	1.45E-01	1.64E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03

MCN420A	5.35E-05	2.42E-02	4.56E-03	1.96E-02	0.00E+00	0.00E+00	2.83E-01	2.69E-07	2.60E-05	1.62E-04	0.00E+00	4.78E-04	2.16E-09	6.32E-11	2.92E-03	5.23E-05	1.61E-03	0.00E+00	3.40E-05	8.04E-03	1.86E-01	0.00E+00	2.52E-10	3.26E-10	3.78E-05	9.65E-07	2.48E-02	0.00E+00	1.86E-01	4.56E-10	1.86E-01	2.11E-01	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
MCN420E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN425	4.60E-05	2.10E-02	3.95E-03	1.70E-02	0.00E+00	0.00E+00	2.45E-01	2.33E-07	2.26E-05	1.40E-04	0.00E+00	4.15E-04	1.88E-09	5.48E-11	2.53E-03	4.54E-05	1.40E-03	0.00E+00	2.95E-05	6.97E-03	1.61E-01	0.00E+00	2.18E-10	2.82E-10	3.28E-05	8.37E-07	2.15E-02	0.00E+00	1.61E-01	3.96E-10	1.61E-01	1.83E-01	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
MCN425A	4.06E-05	1.86E-02	3.51E-03	1.51E-02	0.00E+00	0.00E+00	2.18E-01	2.07E-07	2.01E-05	1.25E-04	0.00E+00	3.68E-04	1.67E-09	4.87E-11	2.25E-03	4.03E-05	1.24E-03	0.00E+00	2.62E-05	6.19E-03	1.43E-01	0.00E+00	1.94E-10	2.51E-10	2.91E-05	7.43E-07	1.91E-02	0.00E+00	1.43E-01	3.52E-10	1.43E-01	1.62E-01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
MCN425E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN432	1.43E-04	6.27E-02	1.18E-02	5.09E-02	0.00E+00	0.00E+00	7.33E-01	6.96E-07	6.74E-05	4.19E-04	0.00E+00	1.24E-03	5.60E-09	1.64E-10	7.57E-03	1.36E-04	4.18E-03	0.00E+00	8.82E-05	2.08E-02	4.82E-01	0.00E+00	6.51E-10	8.44E-10	9.80E-05	2.50E-06	6.43E-02	0.00E+00	4.82E-01	1.18E-09	4.82E-01	5.46E-01	6.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-03
MCN432A	1.24E-04	5.46E-02	1.03E-02	4.43E-02	0.00E+00	0.00E+00	6.39E-01	6.07E-07	5.88E-05	3.65E-04	0.00E+00	1.08E-03	4.88E-09	1.43E-10	6.60E-03	1.18E-04	3.64E-03	0.00E+00	7.69E-05	1.82E-02	4.20E-01	0.00E+00	5.68E-10	7.35E-10	8.54E-05	2.18E-06	5.61E-02	0.00E+00	4.20E-01	1.03E-09	4.20E-01	4.76E-01	5.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
MCN432E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN440	1.17E-04	5.15E-02	9.70E-03	4.18E-02	0.00E+00	0.00E+00	6.02E-01	5.73E-07	5.54E-05	3.45E-04	0.00E+00	1.02E-03	4.61E-09	1.35E-10	6.22E-03	1.11E-04	3.44E-03	0.00E+00	7.26E-05	1.71E-02	3.96E-01	0.00E+00	5.36E-10	6.94E-10	8.05E-05	2.05E-06	5.29E-02	0.00E+00	3.96E-01	9.72E-10	3.96E-01	4.49E-01	5.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03
MCN440A	1.19E-04	5.24E-02	9.86E-03	4.25E-02	0.00E+00	0.00E+00	6.12E-01	5.82E-07	5.64E-05	3.50E-04	0.00E+00	1.04E-03	4.68E-09	1.37E-10	6.33E-03	1.13E-04	3.49E-03	0.00E+00	7.38E-05	1.74E-02	4.03E-01	0.00E+00	5.45E-10	7.05E-10	8.19E-05	2.09E-06	5.38E-02	0.00E+00	4.03E-01	9.88E-10	4.03E-01	4.57E-01	5.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
MCN440E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN450	1.83E-04	8.01E-02	1.51E-02	6.50E-02	0.00E+00	0.00E+00	9.36E-01	8.90E-07	8.62E-05	5.36E-04	0.00E+00	1.58E-03	7.16E-09	2.09E-10	9.67E-03	1.73E-04	5.35E-03	0.00E+00	1.13E-04	2.66E-02	6.16E-01	0.00E+00	8.33E-10	1.08E-09	1.25E-04	3.19E-06	8.22E-02	0.00E+00	6.16E-01	1.51E-09	6.16E-01	6.98E-01	8.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-03
MCN450A	1.48E-04	6.47E-02	1.22E-02	5.25E-02	0.00E+00	0.00E+00	7.56E-01	7.19E-07	6.96E-05	4.33E-04	0.00E+00	1.28E-03	5.78E-09	1.69E-10	7.81E-03	1.40E-04	4.32E-03	0.00E+00	9.11E-05	2.15E-02	4.98E-01	0.00E+00	6.72E-10	8.71E-10	1.01E-04	2.58E-06	6.64E-02	0.00E+00	4.98E-01	1.22E-09	4.98E-01	5.64E-01	6.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
MCN450E	1.09E-04	4.78E-02	9.01E-03	3.88E-02	0.00E+00	0.00E+00	5.59E-01	5.32E-07	5.15E-05	3.20E-04	0.00E+00	9.46E-04	4.28E-09	1.25E-10	5.78E-03	1.03E-04	3.19E-03	0.00E+00	6.74E-05	1.59E-02	3.68E-01	0.00E+00	4.97E-10	6.44E-10	7.48E-05	1.91E-06	4.91E-02	0.00E+00	3.68E-01	9.03E-10	3.68E-01	4.17E-01	4.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
MCN463	1.17E-04	5.17E-02	9.73E-03	4.19E-02	0.00E+00	0.00E+00	6.04E-01	5.74E-07	5.56E-05	3.46E-04	0.00E+00	1.02E-03	4.62E-09	1.35E-10	6.24E-03	1.12E-04	3.45E-03	0.00E+00	7.27E-05	1.72E-02	3.97E-01	0.00E+00	5.37E-10	6.95E-10	8.08E-05	2.06E-06	5.30E-02	0.00E+00	3.97E-01	9.75E-10	3.97E-01	4.50E-01	5.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03
MCN463A	1.41E-04	6.19E-02	1.17E-02	5.02E-02	0.00E+00	0.00E+00	7.24E-01	6.88E-07	6.66E-05	4.14E-04	0.00E+00	1.22E-03	5.54E-09	1.62E-10	7.48E-03	1.34E-04	4.13E-03	0.00E+00	8.72E-05	2.06E-02	4.76E-01	0.00E+00	6.44E-10	8.33E-10	9.68E-05	2.47E-06	6.35E-02	0.00E+00	4.76E-01	1.17E-09	4.76E-01	5.40E-01	6.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03
MCN463E	1.30E-04	5.69E-02	1.07E-02	4.62E-02	0.00E+00	0.00E+00	6.66E-01	6.33E-07	6.13E-05	3.81E-04	0.00E+00	1.13E-03	5.09E-09	1.49E-10	6.88E-03	1.23E-04	3.80E-03	0.00E+00	8.02E-05	1.89E-02	4.38E-01	0.00E+00	5.92E-10	7.66E-10	8.90E-05	2.27E-06	5.84E-02	0.00E+00	4.38E-01	1.07E-09	4.38E-01	4.96E-01	5.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
MCN500	3.46E-05	1.52E-02	2.85E-03	1.23E-02	0.00E+00	0.00E+00	1.77E-01	1.69E-07	1.63E-05	1.01E-04	0.00E+00	3.00E-04	1.36E-09	3.96E-11	1.83E-03	3.28E-05	1.01E-03	0.00E+00	2.13E-05	5.04E-03	1.17E-01	0.00E+00	1.58E-10	2.04E-10	2.37E-05	6.05E-07	1.56E-02	0.00E+00	1.17E-01	2.86E-10	1.17E-01	1.32E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
MCN501	4.23E-05	1.84E-02	3.47E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.05E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.81E-11	2.22E-03	3.98E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.42E-01	0.00E+00	1.91E-10	2.48E-10	2.88E-05	7.34E-07	1.89E-02	0.00E+00	1.42E-01	3.47E-10	1.42E-01	1.60E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
MCN502	5.19E-05	2.25E-02	4.24E-03	1.83E-02	0.00E+00	0.00E+00	2.63E-01	2.50E-07	2.42E-05	1.51E-04	0.00E+00	4.45E-04	2.01E-09	5.88E-11	2.72E-03	4.87E-05	1.50E-03	0.00E+00	3.17E-05	7.49E-03	1.73E-01	0.00E+00	2.34E-10	3.03E-10	3.52E-05	8.98E-07	2.31E-02	0.00E+00	1.73E-01	4.25E-10	1.73E-01	1.96E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
MCN503	7.38E-05	3.20E-02	6.03E-03	2.60E-02	0.00E+00	0.00E+00	3.75E-01	3.56E-07	3.45E-05	2.14E-04	0.00E+00	6.33E-04	2.86E-09	8.37E-11	3.87E-03	6.93E-05	2.14E-03	0.00E+00	4.51E-05	1.07E-02	2.46E-01	0.00E+00	3.33E-10	4.31E-10	5.01E-05	1.28E-06	3.29E-02	0.00E+00	2.46E-01	6.05E-10	2.46E-01	2.79E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
MCN504	7.38E-05	3.20E-02	6.03E-03	2.60E-02	0.00E+00	0.00E+00	3.75E-01	3.56E-07	3.45E-05	2.14E-04	0.00E+00	6.33E-04	2.86E-09	8.37E-11	3.87E-03	6.93E-05	2.14E-03	0.00E+00	4.51E-05	1.07E-02	2.46E-01	0.00E+00	3.33E-10	4.31E-10	5.01E-05	1.28E-06	3.29E-02	0.00E+00	2.46E-01	6.04E-10	2.46E-01	2.79E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
MCN506	5.58E-05	2.46E-02	4.63E-03	2.00E-02	0.00E+00	0.00E+00	2.88E-01	2.73E-07	2.65E-05	1.65E-04	0.00E+00	4.86E-04	2.20E-09	6.43E-11	2.97E-03	5.32E-05	1.64E-03	0.00E+00	3.47E-05	8.18E-03	1.89E-01	0.00E+00	2.56E-10	3.31E-10	3.85E-05	9.81E-07	2.53E-02	0.00E+00	1.89E-01	4.64E-10	1.89E-01	2.15E-01	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCN506E	1.03E-04	4.48E-02	8.42E-03	3.63E-02	0.00E+00	0.00E+00	5.23E-01	4.97E-07	4.81E-05	2.99E-04	0.00E+00	8.84E-04	4.00E-09	1.17E-10	5.41E-03	9.68E-05	2.99E-03	0.00E+00	6.30E-05	1.49E-02	3.44E-01	0.00E+00	4.65E-10	6.02E-10	7.00E-05	1.78E-06	4.59E-02	0.00E+00	3.44E-01	8.44E-10	3.44E-01	3.90E-01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
MCN508E	2.63E-05	1.18E-02	2.22E-03	9.58E-03	0.00E+00	0.00E+00	1.38E-01	1.31E-07	1.27E-05	7.90E-05	0.00E+00	2.33E-04	1.06E-09	3.09E-11	1.43E-03	2.55E-05	7.87E-04	0.00E+00	1.66E-05	3.92E-03	9.08E-02	0.00E+00	1.23E-10	1.59E-10	1.85E-05	4.71E-07	1.21E-02	0.00E+00	9.08E-02	2.23E-10	9.08E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04
MCN510	5.70E-05	2.51E-02	4.73E-03	2.04E-02	0.00E+00	0.00E+00	2.94E-01	2.79E-07	2.70E-05	1.68E-04	0.00E+00	4.96E-04	2.25E-09	6.56E-11	3.03E-03	5.43E-05	1.68E-03	0.00E+00	3.54E-05	8.35E-03	1.93E-01	0.00E+00	2.61E-10	3.38E-10	3.93E-05	1.00E-06	2.58E-02	0.00E+00	1.93E-01	4.74E-10	1.93E-01	2.19E-01	2.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
MCN510E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN513	1.94E-05	8.89E-03	1.67E-03	7.21E-03	0.00E+00	0.00E+00	1.04E-01	9.88E-08	9.57E-06	5.95E-05	0.00E+00	1.76E-04	7.95E-10	2.32E-11	1.07E-03	1.92E-05	5.92E-04	0.00E+00	1.25E-05	2.95E-03	6.84E-02	0.00E+00	9.25E-11	1.20E-10	1.39E-05	3.55E-07	9.13E-03	0.00E+00	6.84E-02	1.68E-10	6.84E-02	7.75E-02	9.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
MCN513E	3.68E-05	1.63E-02	3.07E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.81E-07	1.76E-05	1.09E-04	0.00E+00	3.23E-04	1.46E-09	4.27E-11	1.97E-03	3.53E-05	1.09E-03	0.00E+00	2.30E-05	5.43E-03	1.26E-01	0.00E+00	1.70E-10	2.20E-10	2.55E-05	6.51E-07	1.68E-02	0.00E+00	1.26E-01	3.08E-10	1.26E-01	1.42E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-04
MCN516	3.22E-05	1.45E-02	2.72E-03	1.17E-02	0.00E+00	0.00E+00	1.69E-01	1.61E-07	1.56E-05	9.67E-05	0.00E+00	2.86E-04	1.29E-09	3.78E-11	1.75E-03	3.13E-05	9.63E-04	0.00E+00	2.04E-05	4.81E-03	1.11E-01	0.00E+00	1.50E-10	1.95E-10	2.26E-05	5.77E-07	1.48E-02	0.00E+00	1.11E-01	2.73E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-04
MCN516E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN520	1.75E-05	8.16E-03	1.54E-03	6.62E-03	0.00E+00	0.00E+00	9.55E-02	9.07E-08	8.79E-06	5.46E-05	0.00E+00	1.61E-04	7.30E-10	2.13E-11	9.85E-04	1.77E-05	5.43E-04	0.00E+00	1.15E-05	2.71E-03	6.28E-02	0.00E+00	8.49E-11	1.10E-10	1.28E-05	3.25E-07	8.38E-03	0.00E+00	6.28E-02	1.54E-10	6.28E-02	7.12E-02	8.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
MCN520E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN525	1.82E-05	8.43E-03	1.59E-03	6.84E-03	0.00E+00	0.00E+00	9.86E-02	9.37E-08	9.08E-06	5.64E-05	0.00E+00	1.67E-04	7.55E-10	2.20E-11	1.02E-03	1.82E-05	5.61E-04	0.00E+00	1.19E-05	2.80E-03	6.49E-02	0.00E+00	8.77E-11	1.14E-10	1.32E-05	3.36E-07	8.65E-03	0.00E+00	6.49E-02	1.59E-10	6.49E-02	7.35E-02	8.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
MCN525E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN532	6.85E-05	3.01E-02	5.66E-03	2.44E-02	0.00E+00	0.00E+00	3.52E-01	3.34E-07	3.24E-05	2.01E-04	0.00E+00	5.95E-04	2.69E-09	7.86E-11	3.63E-03	6.51E-05	2.01E-03	0.00E+00	4.24E-05	1.00E-02	2.31E-01	0.00E+00	3.13E-10	4.05E-10	4.70E-05	1.20E-06	3.09E-02	0.00E+00	2.31E-01	5.68E-10	2.31E-01	2.62E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
MCN532E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN540	6.80E-05	2.99E-02	5.62E-03	2.42E-02	0.00E+00	0.00E+00	3.49E-01	3.32E-07	3.21E-05	2.00E-04	0.00E+00	5.90E-04	2.67E-09	7.81E-11	3.61E-03	6.46E-05	1.99E-03	0.00E+00	4.21E-05	9.93E-03	2.30E-01	0.00E+00	3.11E-10	4.02E-10	4.67E-05	1.19E-06	3.07E-02	0.00E+00	2.30E-01	5.64E-10	2.30E-01	2.60E-01	3.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
MCN540E	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCN550	5.38E-05	2.38E-02	4.47E-03	1.93E-02	0.00E+00	0.00E+00	2.78E-01	2.64E-07	2.56E-05	1.59E-04	0.00E+00	4.70E-04	2.13E-09	6.21E-11	2.87E-03	5.14E-05	1.59E-03	0.00E+00	3.35E-05	7.90E-03	1.83E-01	0.00E+00	2.47E-10	3.20E-10	3.72E-05	9.48E-07	2.44E-02	0.00E+00	1.83E-01	4.48E-10	1.83E-01	2.07E-01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
MCN550E	1.83E-05	8.35E-03	1.57E-03	6.77E-03	0.00E+00	0.00E+00	9.76E-02	9.28E-08	8.99E-06	5.59E-05	0.00E+00	1.65E-04	7.47E-10	2.18E-11	1.01E-03	1.81E-05	5.56E-04	0.00E+00	1.17E-05	2.77E-03	6.42E-02	0.00E+00	8.68E-11	1.12E-10	1.31E-05	3.33E-07	8.57E-03	0.00E+00	6.42E-02	1.58E-10	6.42E-02	7.28E-02	8.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
MCN563	7.03E-05	3.08E-02	5.81E-03	2.50E-02	0.00E+00	0.00E+00	3.61E-01	3.43E-07	3.32E-05	2.06E-04	0.00E+00	6.10E-04	2.76E-09	8.06E-11	3.73E-03	6.67E-05	2.06E-03	0.00E+00	4.34E-05	1.03E-02	2.37E-01	0.00E+00	3.21E-10	4.15E-10	4.82E-05	1.23E-06	3.17E-02	0.00E+00	2.37E-01	5.82E-10	2.37E-01	2.69E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
MCN563E	2.19E-05	9.91E-03	1.87E-03	8.05E-03	0.00E+00	0.00E+00	1.16E-01	1.10E-07	1.07E-05	6.63E-05	0.00E+00	1.96E-04	8.87E-10	2.59E-11	1.20E-03	2.15E-05	6.60E-04	0.00E+00	1.40E-05	3.30E-03	7.63E-02	0.00E+00	1.03E-10	1.34E-10	1.55E-05	3.95E-07	1.02E-02	0.00E+00	7.63E-02	1.87E-10	7.63E-02	8.65E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
MCN600	2.83E-04	1.23E-01	2.31E-02	9.96E-02	0.00E+00	0.00E+00	1.43E+00	1.36E-06	1.32E-04	8.20E-04	0.00E+00	2.42E-03	1.10E-08	3.21E-10	1.48E-02	2.65E-04	8.19E-03	0.00E+00	1.73E-04	4.08E-02	9.44E-01	0.00E+00	1.28E-09	1.65E-09	1.92E-04	4.89E-06	1.26E-01	0.00E+00	9.44E-01	2.31E-09	9.44E-01	1.07E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-03
MCN601	6.68E-05	2.94E-02	5.54E-03	2.39E-02	0.00E+00	0.00E+00	3.44E-01	3.27E-07	3.17E-05	1.97E-04	0.00E+00	5.82E-04	2.63E-09	7.69E-11	3.55E-03	6.36E-05	1.96E-03	0.00E+00	4.14E-05	9.78E-03	2.26E-01	0.00E+00	3.06E-10	3.96E-10	4.60E-05	1.17E-06	3.02E-02	0.00E+00	2.26E-01	5.55E-10	2.26E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
MCN602	8.40E-05	3.68E-02	6.93E-03	2.99E-02	0.00E+00	0.00E+00	4.30E-01	4.09E-07	3.96E-05	2.46E-04	0.00E+00	7.28E-04	3.29E-09	9.62E-11	4.44E-03	7.96E-05	2.45E-03	0.00E+00	5.18E-05	1.22E-02	2.83E-01	0.00E+00	3.83E-10	4.96E-10	5.76E-05	1.47E-06	3.78E-02	0.00E+00	2.83E-01	6.95E-10	2.83E-01	3.21E-01	3.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
MCN603	1.04E-04	4.55E-02	8.56E-03	3.69E-02	0.00E+00	0.00E+00	5.32E-01	5.05E-07	4.89E-05	3.04E-04	0.00E+00	8.99E-04	4.07E-09	1.19E-10	5.49E-03	9.83E-05	3.03E-03	0.00E+00	6.40E-05	1.51E-02	3.50E-01	0.00E+00	4.73E-10	6.12E-10	7.11E-05	1.81E-06	4.67E-02	0.00E+00	3.50E-01	8.58E-10	3.50E-01	3.96E-01	4.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
MCN604	1.50E-04	6.54E-02	1.23E-02	5.31E-02	0.00E+00	0.00E+00	7.64E-01	7.27E-07	7.03E-05	4.37E-04	0.00E+00	1.29E-03	5.85E-09	1.71E-10	7.89E-03	1.41E-04	4.36E-03	0.00E+00	9.21E-05	2.17E-02	5.03E-01	0.00E+00	6.80E-10	8.80E-10	1.02E-04	2.61E-06	6.71E-02	0.00E+00	5.03E-01	1.23E-09	5.03E-01	5.70E-01	6.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03
MCN606	9.30E-05	4.11E-02	7.75E-03	3.34E-02	0.00E+00	0.00E+00	4.81E-01	4.57E-07	4.43E-05	2.75E-04	0.00E+00	8.13E-04	3.68E-09	1.08E-10	4.97E-03	8.90E-05	2.74E-03	0.00E+00	5.79E-05	1.37E-02	3.16E-01	0.00E+00	4.28E-10	5.54E-10	6.43E-05	1.64E-06	4.22E-02	0.00E+00	3.16E-01	7.76E-10	3.16E-01	3.59E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
MCN606E	3.98E-05	1.81E-02	3.40E-03	1.47E-02	0.00E+00	0.00E+00	2.11E-01	2.01E-07	1.94E-05	1.21E-04	0.00E+00	3.57E-04	1.62E-09	4.72E-11	2.18E-03	3.91E-05	1.20E-03	0.00E+00	2.54E-05	6.00E-03	1.39E-01	0.00E+00	1.88E-10	2.43E-10	2.82E-05	7.20E-07	1.85E-02	0.00E+00	1.39E-01	3.41E-10	1.39E-01	1.58E-01	1.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
MCN610	1.11E-04	4.87E-02	9.17E-03	3.95E-02	0.00E+00	0.00E+00	5.69E-01	5.41E-07	5.24E-05	3.26E-04	0.00E+00	9.63E-04	4.36E-09	1.27E-10	5.88E-03	1.05E-04	3.25E-03	0.00E+00	6.86E-05	1.62E-02	3.75E-01	0.00E+00	5.06E-10	6.56E-10	7.62E-05	1.94E-06	5.00E-02	0.00E+00	3.75E-01	9.19E-10	3.75E-01	4.25E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
MCN610E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN613	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN613E	3.47E-05	1.59E-02	2.99E-03	1.29E-02	0.00E+00	0.00E+00	1.86E-01	1.77E-07	1.71E-05	1.06E-04	0.00E+00	3.14E-04	1.42E-09	4.16E-11	1.92E-03	3.44E-05	1.06E-03	0.00E+00	2.24E-05	5.28E-03	1.22E-01	0.00E+00	1.65E-10	2.14E-10	2.49E-05	6.34E-07	1.63E-02	0.00E+00	1.22E-01	3.00E-10	1.22E-01	1.39E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04
MCN616	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN616E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN620	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN620E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN625	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN625E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN632	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN632E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN640	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
MCN640E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN650	1.09E-04	4.81E-02	9.05E-03	3.90E-02	0.00E+00	0.00E+00	5.62E-01	5.34E-07	5.17E-05	3.21E-04	0.00E+00	9.50E-04	4.30E-09	1.26E-10	5.80E-03	1.04E-04	3.21E-03	0.00E+00	6.77E-05	1.60E-02	3.70E-01	0.00E+00	5.00E-10	6.47E-10	7.51E-05	1.92E-06	4.93E-02	0.00E+00	3.70E-01	9.07E-10	3.70E-01	4.19E-01	4.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
MCN650E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCN663	1.27E-04	5.58E-02	1.05E-02	4.53E-02	0.00E+00	0.00E+00	6.53E-01	6.21E-07	6.01E-05	3.74E-04	0.00E+00	1.10E-03	4.99E-09	1.46E-10	6.74E-03	1.21E-04	3.73E-03	0.00E+00	7.86E-05	1.86E-02	4.30E-01	0.00E+00	5.81E-10	7.52E-10	8.73E-05	2.23E-06	5.73E-02	0.00E+00	4.30E-01	1.05E-09	4.30E-01	4.87E-01	5.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
MCN663E	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCS006C	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS010C	4.43E-05	1.93E-02	3.64E-03	1.57E-02	0.00E+00	0.00E+00	2.26E-01	2.15E-07	2.08E-05	1.29E-04	0.00E+00	3.82E-04	1.73E-09	5.05E-11	2.33E-03	4.18E-05	1.29E-03	0.00E+00	2.72E-05	6.42E-03	1.49E-01	0.00E+00	2.01E-10	2.60E-10	3.02E-05	7.70E-07	1.98E-02	0.00E+00	1.49E-01	3.65E-10	1.49E-01	1.68E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
MCS013C	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS016C	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS020C	9.20E-06	4.22E-03	7.96E-04	3.43E-03	0.00E+00	0.00E+00	4.94E-02	4.69E-08	4.55E-06	2.83E-05	0.00E+00	8.35E-05	3.78E-10	1.10E-11	5.10E-04	9.14E-06	2.81E-04	0.00E+00	5.94E-06	1.40E-03	3.25E-02	0.00E+00	4.39E-11	5.69E-11	6.61E-06	1.68E-07	4.33E-03	0.00E+00	3.25E-02	7.97E-11	3.25E-02	3.68E-02	4.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
MCS106	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS110	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCS113	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCS116	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MCS120	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS120W	1.10E-05	5.04E-03	9.48E-04	4.09E-03	0.00E+00	0.00E+00	5.89E-02	5.60E-08	5.42E-06	3.37E-05	0.00E+00	9.96E-05	4.51E-10	1.32E-11	6.08E-04	1.09E-05	3.35E-04	0.00E+00	7.09E-06	1.67E-03	3.87E-02	0.00E+00	5.24E-11	6.78E-11	7.88E-06	2.01E-07	5.17E-03	0.00E+00	3.87E-02	9.50E-11	3.87E-02	4.39E-02	5.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
MCS125	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS132	2.00E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04

MCS140	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS150	2.00E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS163	2.00E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS206C	7.53E-05	3.29E-02	6.19E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.50E-04	2.94E-09	8.59E-11	3.97E-03	7.11E-05	2.20E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.43E-10	5.14E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.21E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCS206E	1.09E-04	4.75E-02	8.94E-03	3.85E-02	0.00E+00	0.00E+00	5.55E-01	5.28E-07	5.11E-05	3.18E-04	0.00E+00	9.38E-04	4.24E-09	1.24E-10	5.73E-03	1.03E-04	3.17E-03	0.00E+00	6.69E-05	1.58E-02	3.65E-01	0.00E+00	4.94E-10	6.39E-10	7.42E-05	1.89E-06	4.87E-02	0.00E+00	3.65E-01	8.96E-10	3.65E-01	4.14E-01	4.87E-02	0.00E+00	0.00E+00	0.00E+00	2.87E-03
MCS210C	7.73E-05	3.38E-02	6.36E-03	2.74E-02	0.00E+00	0.00E+00	3.95E-01	3.76E-07	3.64E-05	2.26E-04	0.00E+00	6.68E-04	3.02E-09	8.83E-11	4.08E-03	7.31E-05	2.26E-03	0.00E+00	4.76E-05	1.12E-02	2.60E-01	0.00E+00	3.51E-10	4.55E-10	5.28E-05	1.35E-06	3.47E-02	0.00E+00	2.60E-01	6.38E-10	2.60E-01	2.95E-01	3.47E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
MCS210E	8.76E-05	3.82E-02	7.19E-03	3.10E-02	0.00E+00	0.00E+00	4.47E-01	4.25E-07	4.11E-05	2.56E-04	0.00E+00	7.55E-04	3.42E-09	9.98E-11	4.61E-03	8.26E-05	2.55E-03	0.00E+00	5.38E-05	1.27E-02	2.94E-01	0.00E+00	3.97E-10	5.14E-10	5.97E-05	1.52E-06	3.92E-02	0.00E+00	2.94E-01	7.21E-10	2.94E-01	3.33E-01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
MCS213C	4.89E-05	2.15E-02	4.06E-03	1.75E-02	0.00E+00	0.00E+00	2.52E-01	2.39E-07	2.32E-05	1.44E-04	0.00E+00	4.26E-04	1.93E-09	5.63E-11	2.60E-03	4.66E-05	1.44E-03	0.00E+00	3.03E-05	7.16E-03	1.66E-01	0.00E+00	2.24E-10	2.90E-10	3.37E-05	8.59E-07	2.21E-02	0.00E+00	1.66E-01	4.07E-10	1.66E-01	1.88E-01	2.21E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
MCS216C	4.79E-05	2.11E-02	3.97E-03	1.71E-02	0.00E+00	0.00E+00	2.47E-01	2.35E-07	2.27E-05	1.41E-04	0.00E+00	4.17E-04	1.89E-09	5.52E-11	2.55E-03	4.57E-05	1.41E-03	0.00E+00	2.97E-05	7.02E-03	1.62E-01	0.00E+00	2.20E-10	2.84E-10	3.30E-05	8.42E-07	2.17E-02	0.00E+00	1.62E-01	3.98E-10	1.62E-01	1.84E-01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
MCS216E	1.97E-05	8.99E-03	1.69E-03	7.30E-03	0.00E+00	0.00E+00	1.05E-01	1.00E-07	9.68E-06	6.02E-05	0.00E+00	1.78E-04	8.05E-10	2.35E-11	1.09E-03	1.95E-05	5.99E-04	0.00E+00	1.27E-05	2.99E-03	6.92E-02	0.00E+00	9.36E-11	1.21E-10	1.41E-05	3.59E-07	9.23E-03	0.00E+00	6.92E-02	1.70E-10	6.92E-02	7.84E-02	9.23E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04
MCS220C	1.97E-05	8.96E-03	1.69E-03	7.27E-03	0.00E+00	0.00E+00	1.05E-01	9.96E-08	9.65E-06	6.00E-05	0.00E+00	1.77E-04	8.02E-10	2.34E-11	1.08E-03	1.94E-05	5.97E-04	0.00E+00	1.26E-05	2.98E-03	6.90E-02	0.00E+00	9.32E-11	1.21E-10	1.40E-05	3.57E-07	9.20E-03	0.00E+00	6.90E-02	1.69E-10	6.90E-02	7.82E-02	9.20E-03	0.00E+00	0.00E+00	0.00E+00	5.42E-04
MCS220E	1.79E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.62E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.36E-10	2.15E-11	9.92E-04	1.78E-05	5.47E-04	0.00E+00	1.16E-05	2.73E-03	6.33E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.33E-02	1.55E-10	6.33E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MCS225E	1.39E-04	6.02E-02	1.13E-02	4.88E-02	0.00E+00	0.00E+00	7.03E-01	6.69E-07	6.47E-05	4.02E-04	0.00E+00	1.19E-03	5.38E-09	1.57E-10	7.27E-03	1.30E-04	4.02E-03	0.00E+00	8.47E-05	2.00E-02	4.63E-01	0.00E+00	6.25E-10	8.10E-10	9.41E-05	2.40E-06	6.17E-02	0.00E+00	4.63E-01	1.14E-09	4.63E-01	5.25E-01	6.17E-02	0.00E+00	0.00E+00	0.00E+00	3.64E-03
MCS240E	1.20E-04	5.22E-02	9.82E-03	4.24E-02	0.00E+00	0.00E+00	6.10E-01	5.80E-07	5.62E-05	3.49E-04	0.00E+00	1.03E-03	4.67E-09	1.36E-10	6.30E-03	1.13E-04	3.49E-03	0.00E+00	7.35E-05	1.74E-02	4.01E-01	0.00E+00	5.43E-10	7.03E-10	8.16E-05	2.08E-06	5.36E-02	0.00E+00	4.01E-01	9.85E-10	4.01E-01	4.55E-01	5.36E-02	0.00E+00	0.00E+00	0.00E+00	3.16E-03
MCS250E	5.54E-05	2.43E-02	4.58E-03	1.97E-02	0.00E+00	0.00E+00	2.84E-01	2.70E-07	2.62E-05	1.63E-04	0.00E+00	4.80E-04	2.17E-09	6.35E-11	2.94E-03	5.26E-05	1.62E-03	0.00E+00	3.42E-05	8.08E-03	1.87E-01	0.00E+00	2.53E-10	3.27E-10	3.80E-05	9.69E-07	2.49E-02	0.00E+00	1.87E-01	4.59E-10	1.87E-01	2.12E-01	2.49E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
MCS263E	7.53E-05	3.29E-02	6.19E-03	2.67E-02	0.00E+00	0.00E+00	3.84E-01	3.65E-07	3.54E-05	2.20E-04	0.00E+00	6.50E-04	2.94E-09	8.59E-11	3.97E-03	7.11E-05	2.19E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.42E-10	5.14E-05	1.31E-06	3.37E-02	0.00E+00	2.53E-01	6.20E-10	2.53E-01	2.87E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCS306	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS306C	1.24E-04	5.43E-02	1.02E-02	4.40E-02	0.00E+00	0.00E+00	6.34E-01	6.03E-07	5.84E-05	3.63E-04	0.00E+00	1.07E-03	4.85E-09	1.42E-10	6.55E-03	1.17E-04	3.62E-03	0.00E+00	7.64E-05	1.80E-02	4.17E-01	0.00E+00	5.64E-10	7.30E-10	8.48E-05	2.16E-06	5.57E-02	0.00E+00	4.17E-01	1.02E-09	4.17E-01	4.73E-01	5.57E-02	0.00E+00	0.00E+00	0.00E+00	3.28E-03
MCS310	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCS310C	1.20E-04	5.26E-02	9.90E-03	4.27E-02	0.00E+00	0.00E+00	6.15E-01	5.84E-07	5.66E-05	3.52E-04	0.00E+00	1.04E-03	4.70E-09	1.37E-10	6.35E-03	1.14E-04	3.51E-03	0.00E+00	7.40E-05	1.75E-02	4.04E-01	0.00E+00	5.47E-10	7.08E-10	8.22E-05	2.10E-06	5.40E-02	0.00E+00	4.04E-01	9.92E-10	4.04E-01	4.58E-01	5.40E-02	0.00E+00	0.00E+00	0.00E+00	3.18E-03
MCS313	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS313C	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCS316	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCS316C	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MCS320	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS320C	2.42E-05	1.12E-02	2.10E-03	9.06E-03	0.00E+00	0.00E+00	1.31E-01	1.24E-07	1.20E-05	7.47E-05	0.00E+00	2.21E-04	9.99E-10	2.92E-11	1.35E-03	2.42E-05	7.43E-04	0.00E+00	1.57E-05	3.71E-03	8.59E-02	0.00E+00	1.16E-10	1.50E-10	1.75E-05	4.45E-07	1.15E-02	0.00E+00	8.59E-02	2.11E-10	8.59E-02	9.74E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.75E-04
MCS325	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS332	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS340	6.03E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS350	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS363	6.03E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MCS506	8.76E-05	3.82E-02	7.19E-03	3.10E-02	0.00E+00	0.00E+00	4.47E-01	4.25E-07	4.11E-05	2.56E-04	0.00E+00	7.55E-04	3.42E-09	9.98E-11	4.61E-03	8.26E-05	2.55E-03	0.00E+00	5.38E-05	1.27E-02	2.94E-01	0.00E+00	3.97E-10	5.14E-10	5.97E-05	1.52E-06	3.92E-02	0.00E+00	2.94E-01	7.21E-10	2.94E-01	3.33E-01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
MCS510	9.51E-05	4.15E-02	7.80E-03	3.36E-02	0.00E+00	0.00E+00	4.85E-01	4.61E-07	4.46E-05	2.77E-04	0.00E+00	8.19E-04	3.71E-09	1.08E-10	5.01E-03	8.96E-05	2.77E-03	0.00E+00	5.84E-05	1.38E-02	3.19E-01	0.00E+00	4.31E-10	5.58E-10	6.48E-05	1.65E-06	4.25E-02	0.00E+00	3.19E-01	7.82E-10	3.19E-01	3.61E-01	4.25E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
MCS510E	2.07E-05	9.42E-03	1.78E-03	7.65E-03	0.00E+00	0.00E+00	1.10E-01	1.05E-07	1.01E-05	6.31E-05	0.00E+00	1.86E-04	8.43E-10	2.46E-11	1.14E-03	2.04E-05	6.28E-04	0.00E+00	1.33E-05	3.13E-03	7.25E-02	0.00E+00	9.80E-11	1.27E-10	1.47E-05	3.76E-07	9.67E-03	0.00E+00	7.25E-02	1.78E-10	7.25E-02	8.22E-02	9.67E-03	0.00E+00	0.00E+00	0.00E+00	5.70E-04
MCS513	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCS516	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MCS516E	4.24E-05	1.88E-02	3.54E-03	1.53E-02	0.00E+00	0.00E+00	2.20E-01	2.09E-07	2.02E-05	1.26E-04	0.00E+00	3.72E-04	1.68E-09	4.91E-11	2.27E-03	4.07E-05	1.25E-03	0.00E+00	2.65E-05	6.25E-03	1.45E-01	0.00E+00	1.95E-10	2.53E-10	2.94E-05	7.50E-07	1.93E-02	0.00E+00	1.45E-01	3.55E-10	1.45E-01	1.64E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
MCS520	6.92E-05	3.03E-02	5.71E-03	2.46E-02	0.00E+00	0.00E+00	3.54E-01	3.37E-07	3.26E-05	2.03E-04	0.00E+00	5.99E-04	2.71E-09	7.92E-11	3.66E-03	6.55E-05	2.02E-03	0.00E+00	4.27E-05	1.01E-02	2.33E-01	0.00E+00	3.15E-10	4.08E-10	4.74E-05	1.21E-06	3.11E-02	0.00E+00	2.33E-01	5.72E-10	2.33E-01	2.64E-01	3.11E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
MCS520E	2.25E-05	1.02E-02	1.92E-03	8.29E-03	0.00E+00	0.00E+00	1.20E-01	1.14E-07	1.10E-05	6.84E-05	0.00E+00	2.02E-04	9.14E-10	2.67E-11	1.23E-03	2.21E-05	6.81E-04	0.00E+00	1.44E-05	3.40E-03	7.86E-02	0.00E+00	1.06E-10	1.38E-10	1.60E-05	4.08E-07	1.05E-02	0.00E+00	7.86E-02	1.93E-10	7.86E-02	8.91E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.18E-04
MCS525	1.89E-05	8.65E-03	1.63E-03	7.02E-03	0.00E+00	0.00E+00	1.01E-01	9.61E-08	9.31E-06	5.79E-05	0.00E+00	1.71E-04	7.74E-10	2.26E-11	1.04E-03	1.87E-05	5.76E-04	0.00E+00	1.22E-05	2.87E-03	6.65E-02	0.00E+00	9.00E-11	1.16E-10	1.35E-05	3.45E-07	8.88E-03	0.00E+00	6.65E-02	1.63E-10	6.65E-02	7.54E-02	8.88E-03	0.00E+00	0.00E+00	0.00E+00	5.23E-04
MCS525E	6.28E-05	2.75E-02	5.18E-03	2.23E-02	0.00E+00	0.00E+00	3.22E-01	3.06E-07	2.96E-05	1.84E-04	0.00E+00	5.44E-04	2.46E-09	7.19E-11	3.32E-03	5.95E-05	1.84E-03	0.00E+00	3.88E-05	9.15E-03	2.12E-01	0.00E+00	2.86E-10	3.71E-10	4.30E-05	1.10E-06	2.83E-02	0.00E+00	2.12E-01	5.19E-10	2.12E-01	2.40E-01	2.83E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCS532	7.87E-05	3.44E-02	6.48E-03	2.79E-02	0.00E+00	0.00E+00	4.02E-01	3.82E-07	3.70E-05	2.30E-04	0.00E+00	6.80E-04	3.08E-09	8.99E-11	4.15E-03	7.44E-05	2.30E-03	0.00E+00	4.84E-05	1.14E-02	2.65E-01	0.00E+00	3.58E-10	4.63E-10	5.38E-05	1.37E-06	3.53E-02	0.00E+00	2.65E-01	6.49E-10	2.65E-01	3.00E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MCS532E	7.20E-05	3.15E-02	5.93E-03	2.56E-02	0.00E+00	0.00E+00	3.68E-01	3.50E-07	3.39E-05	2.11E-04	0.00E+00	6.23E-04	2.82E-09	8.23E-11	3.81E-03	6.81E-05	2.10E-03	0.00E+00	4.44E-05	1.05E-02	2.42E-01	0.00E+00	3.28E-10	4.24E-10	4.93E-05	1.26E-06	3.23E-02	0.00E+00	2.42E-01	5.95E-10	2.42E-01	2.75E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
MCS540	1.91E-05	8.78E-03	1.65E-03	7.12E-03	0.00E+00	0.00E+00	1.03E-01	9.76E-08	9.45E-06	5.87E-05	0.00E+00	1.74E-04	7.85E-10	2.29E-11	1.06E-03	1.90E-05	5.84E-04	0.00E+00	1.24E-05	2.92E-03	6.75E-02	0.00E+00	9.13E-11	1.18E-10	1.37E-05	3.50E-07	9.01E-03	0.00E+00	6.75E-02	1.66E-10	6.75E-02	7.65E-02	9.01E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
MCS540E	7.02E-05	3.07E-02	5.79E-03	2.50E-02	0.00E+00	0.00E+00	3.59E-01	3.42E-07	3.31E-05	2.06E-04	0.00E+00	6.08E-04	2.75E-09	8.03E-11	3.71E-03	6.65E-05	2.05E-03	0.00E+00	4.33E-05	1.02E-02	2.36E-01	0.00E+00	3.20E-10	4.14E-10	4.81E-05	1.23E-06	3.15E-02	0.00E+00	2.36E-01	5.80E-10	2.36E-01	2.68E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
MCS550	5.85E-05	2.57E-02	4.83E-03	2.08E-02	0.00E+00	0.00E+00	3.00E-01	2.85E-07	2.76E-05	1.72E-04	0.00E+00	5.07E-04	2.29E-09	6.71E-11	3.10E-03	5.55E-05	1.71E-03	0.00E+00	3.61E-05	8.53E-03	1.97E-01	0.00E+00	2.67E-10	3.45E-10	4.01E-05	1.02E-06	2.63E-02	0.00E+00	1.97E-01	4.84E-10	1.97E-01	2.24E-01	2.63E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
MCS550E	5.20E-05	2.29E-02	4.30E-03	1.86E-02	0.00E+00	0.00E+00	2.67E-01	2.54E-07	2.46E-05	1.53E-04	0.00E+00	4.52E-04	2.04E-09	5.97E-11	2.76E-03	4.94E-05	1.53E-03	0.00E+00	3.22E-05	7.60E-03	1.76E-01	0.00E+00	2.38E-10	3.08E-10	3.57E-05	9.12E-07	2.35E-02	0.00E+00	1.76E-01	4.31E-10	1.76E-01	1.99E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
MCS563	5.46E-05	2.40E-02	4.52E-03	1.95E-02	0.00E+00	0.00E+00	2.81E-01	2.67E-07	2.58E-05	1.61E-04	0.00E+00	4.74E-04	2.15E-09	6.27E-11	2.90E-03	5.19E-05	1.60E-03	0.00E+00	3.38E-05	7.98E-03	1.85E-01	0.00E+00	2.50E-10	3.23E-10	3.75E-05	9.57E-07	2.46E-02	0.00E+00	1.85E-01	4.53E-10	1.85E-01	2.09E-01	2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MCS563E	6.26E-05	2.75E-02	5.17E-03	2.23E-02	0.00E+00	0.00E+00	3.21E-01	3.05E-07	2.95E-05	1.84E-04	0.00E+00	5.43E-04	2.46E-09	7.18E-11	3.32E-03	5.94E-05	1.83E-03	0.00E+00	3.87E-05	9.13E-03	2.11E-01	0.00E+00	2.85E-10	3.70E-10	4.29E-05	1.10E-06	2.82E-02	0.00E+00	2.11E-01	5.18E-10	2.11E-01	2.39E-01	2.82E-02	0.00E+00	0.00E+00	0.00E+00	1.66E-03
MCS606	3.39E-05	1.55E-02	2.93E-03	1.26E-02	0.00E+00	0.00E+00	1.82E-01	1.73E-07	1.67E-05	1.04E-04	0.00E+00	3.07E-04	1.39E-09	4.06E-11	1.88E-03	3.36E-05	1.03E-03	0.00E+00	2.19E-05	5.16E-03	1.20E-01	0.00E+00	1.62E-10	2.09E-10	2.43E-05	6.20E-07	1.59E-02	0.00E+00	1.20E-01	2.93E-10	1.20E-01	1.36E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.39E-04
MCS606E	1.84E-04	8.03E-02	1.51E-02	6.52E-02	0.00E+00	0.00E+00	9.39E-01	8.92E-07	8.64E-05	5.37E-04	0.00E+00	1.59E-03	7.18E-09	2.10E-10	9.70E-03	1.74E-04	5.36E-03	0.00E+00	1.13E-04	2.67E-02	6.18E-01	0.00E+00	8.35E-10	1.08E-09	1.26E-04	3.20E-06	8.24E-02	0.00E+00	6.18E-01	1.52E-09	6.18E-01	7.00E-01	8.24E-02	0.00E+00	0.00E+00	0.00E+00	4.86E-03
MCS610	1.85E-04	8.05E-02	1.52E-02	6.54E-02	0.00E+00	0.00E+00	9.41E-01	8.95E-07	8.66E-05	5.39E-04	0.00E+00	1.59E-03	7.20E-09	2.10E-10	9.73E-03	1.74E-04	5.38E-03	0.00E+00	1.13E-04	2.68E-02	6.19E-01	0.00E+00	8.37E-10	1.08E-09	1.26E-04	3.21E-06	8.26E-02	0.00E+00	6.19E-01	1.52E-09	6.19E-01	7.02E-01	8.26E-02	0.00E+00	0.00E+00	0.00E+00	4.87E-03
MCS610E	1.72E-04	7.51E-02	1.41E-02	6.10E-02	0.00E+00	0.00E+00	8.78E-01	8.35E-07	8.08E-05	5.02E-04	0.00E+00	1.48E-03	6.72E-09	1.96E-10	9.07E-03	1.62E-04	5.01E-03	0.00E+00	1.06E-04	2.50E-02	5.78E-01	0.00E+00	7.81E-10	1.01E-09	1.17E-04	3.00E-06	7.71E-02	0.00E+00	5.78E-01	1.42E-09	5.78E-01	6.55E-01	7.71E-02	0.00E+00	0.00E+00	0.00E+00	4.54E-03
MCS613	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCS613E	1.24E-04	5.43E-02	1.02E-02	4.41E-02	0.00E+00	0.00E+00	6.35E-01	6.04E-07	5.85E-05	3.63E-04	0.00E+00	1.07E-03	4.86E-09	1.42E-10	6.56E-03	1.18E-04	3.63E-03	0.00E+00	7.65E-05	1.81E-02	4.18E-01	0.00E+00	5.65E-10	7.31E-10	8.49E-05	2.17E-06	5.58E-02	0.00E+00	4.18E-01	1.03E-09	4.18E-01	4.74E-01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-03
MCS616	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCS616E	3.80E-05	1.73E-02	3.27E-03	1.41E-02	0.00E+00	0.00E+00	2.03E-01	1.93E-07	1.87E-05	1.16E-04	0.00E+00	3.43E-04	1.55E-09	4.53E-11	2.09E-03	3.75E-05	1.15E-03	0.00E+00	2.44E-05	5.76E-03	1.33E-01	0.00E+00	1.80E-10	2.33E-10	2.71E-05	6.91E-07	1.78E-02	0.00E+00	1.33E-01	3.27E-10	1.33E-01	1.51E-01	1.78E-02	0.00E+00	0.00E+00	0.00E+00	1.05E-03
MCS620	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCS620E	3.66E-06	2.55E-03	4.83E-04	2.06E-03	0.00E+00	0.00E+00	3.00E-02	2.84E-08	2.76E-06	1.71E-05	0.00E+00	5.07E-05	2.30E-10	6.70E-12	3.07E-04	5.55E-06	1.66E-04	0.00E+00	3.58E-06	8.44E-04	1.97E-02	0.00E+00	2.66E-11	3.44E-11	4.00E-06	1.02E-07	2.62E-03	0.00E+00	1.97E-02	4.82E-11	1.97E-02	2.23E-02	2.62E-03	0.00E+00	0.00E+00	0.00E+00	1.54E-04
MCS625	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MCS625E	2.58E-05	1.20E-02	2.27E-03	9.76E-03	0.00E+00	0.00E+00	1.41E-01	1.34E-07	1.30E-05	8.05E-05	0.00E+00	2.38E-04	1.08E-09	3.15E-11	1.45E-03	2.61E-05	8.00E-04	0.00E+00	1.69E-05	4.00E-03	9.26E-02	0.00E+00	1.25E-10	1.62E-10	1.88E-05	4.80E-07	1.24E-02	0.00E+00	9.26E-02	2.27E-10	9.26E-02	1.05E-01	1.24E-02	0.00E+00	0.00E+00	0.00E+00	7.27E-04
MCS632	1.56E-04	6.81E-02	1.28E-02	5.53E-02	0.00E+00	0.00E+00	7.96E-01	7.57E-07	7.32E-05	4.55E-04	0.00E+00	1.35E-03	6.09E-09	1.78E-10	8.22E-03	1.47E-04	4.54E-03	0.00E+00	9.59E-05	2.26E-02	5.24E-01	0.00E+00	7.08E-10	9.16E-10	1.06E-04	2.72E-06	6.99E-02	0.00E+00	5.24E-01	1.28E-09	5.24E-01	5.94E-01	6.99E-02	0.00E+00	0.00E+00	0.00E+00	4.12E-03
MCS632E	1.48E-04	6.48E-02	1.22E-02	5.26E-02	0.00E+00	0.00E+00	7.58E-01	7.21E-07	6.98E-05	4.34E-04	0.00E+00	1.28E-03	5.80E-09	1.69E-10	7.83E-03	1.40E-04	4.33E-03	0.00E+00	9.13E-05	2.16E-02	4.99E-01	0.00E+00	6.74E-10	8.73E-10	1.01E-04	2.59E-06	6.65E-02	0.00E+00	4.99E-01	1.22E-09	4.99E-01	5.65E-01	6.65E-02	0.00E+00	0.00E+00	0.00E+00	3.92E-03
MCS640	1.23E-04	5.41E-02	1.02E-02	4.39E-02	0.00E+00	0.00E+00	6.32E-01	6.01E-07	5.82E-05	3.62E-04	0.00E+00	1.07E-03	4.84E-09	1.41E-10	6.53E-03	1.17E-04	3.61E-03	0.00E+00	7.62E-05	1.80E-02	4.16E-01	0.00E+00	5.62E-10	7.28E-10	8.46E-05	2.16E-06	5.55E-02	0.00E+00	4.16E-01	1.02E-09	4.16E-01	4.72E-01	5.55E-02	0.00E+00	0.00E+00	0.00E+00	3.27E-03
MCS640E	4.05E-05	1.84E-02	3.47E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.05E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.82E-11	2.22E-03	3.99E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.42E-01	0.00E+00	1.92E-10	2.48E-10	2.88E-05	7.35E-07	1.89E-02	0.00E+00	1.42E-01	3.48E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
MFN701	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFN702	2.30E-05	1.02E-02	1.92E-03	8.27E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.10E-05	6.81E-05	0.00E+00	2.01E-04	9.11E-10	2.66E-11	1.23E-03	2.20E-05	6.80E-04	7.79E-07	1.43E-05	3.39E-03	7.84E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.06E-07	1.05E-02	0.00E+00	7.84E-02	1.92E-10	7.84E-02	8.88E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
MFN706	1.15E-05	5.18E-03	9.76E-04	4.20E-03	0.00E+00	0.00E+00	6.06E-02	5.76E-08	5.58E-06	3.47E-05	0.00E+00	1.02E-04	4.63E-10	1.35E-11	6.25E-04	1.12E-05	3.45E-04	0.00E+00	7.29E-06	1.72E-03	3.99E-02	0.00E+00	5.39E-11	6.97E-11	8.10E-06	2.07E-07	5.32E-03	0.00E+00	3.99E-02	9.77E-11	3.99E-02	4.52E-02	5.32E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04
MFN706A	9.56E-06	4.43E-03	8.35E-04	3.60E-03	0.00E+00	0.00E+00	5.18E-02	4.93E-08	4.77E-06	2.97E-05	0.00E+00	8.77E-05	3.97E-10	1.16E-11	5.35E-04	9.59E-06	2.95E-04	0.00E+00	6.24E-06	1.47E-03	3.41E-02	0.00E+00	4.61E-11	5.97E-11	6.93E-06	1.77E-07	4.55E-03	0.00E+00	3.41E-02	8.36E-11	3.41E-02	3.86E-02	4.55E-03	0.00E+00	0.00E+00	0.00E+00	2.68E-04
MFN710	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFN710A	1.09E-05	5.08E-03	9.57E-04	4.12E-03	0.00E+00	0.00E+00	5.94E-02	5.65E-08	5.47E-06	3.40E-05	0.00E+00	1.00E-04	4.55E-10	1.33E-11	6.13E-04	1.10E-05	3.38E-04	0.00E+00	7.15E-06	1.69E-03	3.91E-02	0.00E+00	5.29E-11	6.84E-11	7.95E-06	2.03E-07	5.22E-03	0.00E+00	3.91E-02	9.59E-11	3.91E-02	4.43E-02	5.22E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MFN716	1.23E-05	5.58E-03	1.05E-03	4.53E-03	0.00E+00	0.00E+00	6.53E-02	6.21E-08	6.01E-06	3.74E-05	0.00E+00	1.10E-04	5.00E-10	1.46E-11	6.74E-04	1.21E-05	3.72E-04	0.00E+00	7.86E-06	1.86E-03	4.30E-02	0.00E+00	5.81E-11	7.52E-11	8.73E-06	2.23E-07	5.73E-03	0.00E+00	4.30E-02	1.05E-10	4.30E-02	4.87E-02	5.73E-03	0.00E+00	0.00E+00	0.00E+00	3.38E-04
MFN716A	1.09E-05	5.08E-03	9.57E-04	4.12E-03	0.00E+00	0.00E+00	5.94E-02	5.65E-08	5.47E-06	3.40E-05	0.00E+00	1.00E-04	4.55E-10	1.33E-11	6.13E-04	1.10E-05	3.38E-04	0.00E+00	7.15E-06	1.69E-03	3.91E-02	0.00E+00	5.28E-11	6.84E-11	7.95E-06	2.03E-07	5.21E-03	0.00E+00	3.91E-02	9.59E-11	3.91E-02	4.43E-02	5.21E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MFN720	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFN720A	9.05E-06	4.28E-03	8.06E-04	3.47E-03	0.00E+00	0.00E+00	5.00E-02	4.76E-08	4.61E-06	2.86E-05	0.00E+00	8.46E-05	3.83E-10	1.12E-11	5.16E-04	9.26E-06	2.85E-04	0.00E+00	6.02E-06	1.42E-03	3.29E-02	0.00E+00	4.45E-11	5.76E-11	6.69E-06	1.71E-07	4.39E-03	0.00E+00	3.29E-02	8.07E-11	3.29E-02	3.73E-02	4.39E-03	0.00E+00	0.00E+00	0.00E+00	2.58E-04
MFN725	1.18E-05	5.43E-03	1.02E-03	4.41E-03	0.00E+00	0.00E+00	6.35E-02	6.04E-08	5.85E-06	3.63E-05	0.00E+00	1.07E-04	4.86E-10	1.42E-11	6.56E-04	1.18E-05	3.62E-04	0.00E+00	7.64E-06	1.81E-03	4.18E-02	0.00E+00	5.65E-11	7.31E-11	8.49E-06	2.17E-07	5.57E-03	0.00E+00	4.18E-02	1.02E-10	4.18E-02	4.74E-02	5.57E-03	0.00E+00	0.00E+00	0.00E+00	3.28E-04
MFN732	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFN910	3.99E-05	1.64E-02	3.08E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.82E-07	1.76E-05	1.10E-04	0.00E+00	3.24E-04	1.46E-09	4.28E-11	1.98E-03	3.54E-05	1.09E-03	0.00E+00	2.31E-05	5.44E-03	1.26E-01	0.00E+00	1.70E-10	2.20E-10	2.56E-05	6.53E-07	1.68E-02	0.00E+00	1.26E-01	3.09E-10	1.26E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.90E-04
MFN916	3.99E-05	1.64E-02	3.08E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.82E-07	1.76E-05	1.10E-04	0.00E+00	3.24E-04	1.46E-09	4.28E-11	1.98E-03	3.54E-05	1.09E-03	0.00E+00	2.31E-05	5.44E-03	1.26E-01	0.00E+00	1.70E-10	2.20E-10	2.56E-05	6.53E-07	1.68E-02	0.00E+00	1.26E-01	3.09E-10	1.26E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.90E-04
MFN920	3.69E-05	1.64E-02	3.08E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.82E-07	1.76E-05	1.10E-04	0.00E+00	3.24E-04	1.46E-09	4.28E-11	1.98E-03	3.54E-05	1.09E-03	0.00E+00	2.31E-05	5.44E-03	1.26E-01	0.00E+00	1.70E-10	2.20E-10	2.56E-05	6.53E-07	1.68E-02	0.00E+00	1.26E-01	3.09E-10	1.26E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.90E-04
MFN925	4.03E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.84E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.32E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.49E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.12E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.98E-04

MFS701	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFS702	2.30E-05	1.02E-02	1.92E-03	8.27E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.10E-05	6.81E-05	0.00E+00	2.01E-04	9.11E-10	2.66E-11	1.23E-03	2.20E-05	6.80E-04	7.79E-07	1.43E-05	3.39E-03	7.84E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.06E-07	1.05E-02	0.00E+00	7.84E-02	1.92E-10	7.84E-02	8.88E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
MFS706	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFS710	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFS716	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFS720	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFS725	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MFS732	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN506	1.10E-05	5.00E-03	9.42E-04	4.06E-03	0.00E+00	0.00E+00	5.85E-02	5.56E-08	5.38E-06	3.35E-05	0.00E+00	9.89E-05	4.47E-10	1.31E-11	6.04E-04	1.08E-05	3.33E-04	0.00E+00	7.04E-06	1.66E-03	3.85E-02	0.00E+00	5.20E-11	6.73E-11	7.82E-06	1.99E-07	5.13E-03	0.00E+00	3.85E-02	9.44E-11	3.85E-02	4.36E-02	5.13E-03	0.00E+00	0.00E+00	0.00E+00	3.02E-04
MHN506A	3.03E-05	1.33E-02	2.51E-03	1.08E-02	0.00E+00	0.00E+00	1.56E-01	1.48E-07	1.43E-05	8.91E-05	0.00E+00	2.63E-04	1.19E-09	3.48E-11	1.61E-03	2.88E-05	8.88E-04	0.00E+00	1.88E-05	4.43E-03	1.02E-01	0.00E+00	1.38E-10	1.79E-10	2.08E-05	5.31E-07	1.37E-02	0.00E+00	1.02E-01	2.51E-10	1.02E-01	1.16E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	8.05E-04
MHN510	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN510A	1.30E-05	5.84E-03	1.10E-03	4.74E-03	0.00E+00	0.00E+00	6.84E-02	6.50E-08	6.29E-06	3.91E-05	0.00E+00	1.16E-04	5.23E-10	1.53E-11	7.06E-04	1.26E-05	3.89E-04	0.00E+00	8.23E-06	1.94E-03	4.50E-02	0.00E+00	6.08E-11	7.87E-11	9.14E-06	2.33E-07	6.00E-03	0.00E+00	4.50E-02	1.10E-10	4.50E-02	5.10E-02	6.00E-03	0.00E+00	0.00E+00	0.00E+00	3.53E-04
MHN516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN516A	2.53E-05	1.12E-02	2.11E-03	9.08E-03	0.00E+00	0.00E+00	1.31E-01	1.24E-07	1.20E-05	7.48E-05	0.00E+00	2.21E-04	1.00E-09	2.92E-11	1.35E-03	2.42E-05	7.46E-04	0.00E+00	1.57E-05	3.72E-03	8.60E-02	0.00E+00	1.16E-10	1.51E-10	1.75E-05	4.46E-07	1.15E-02	0.00E+00	8.60E-02	2.11E-10	8.60E-02	9.75E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.76E-04
MHN520	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN520A	2.90E-05	1.28E-02	2.40E-03	1.04E-02	0.00E+00	0.00E+00	1.49E-01	1.42E-07	1.37E-05	8.54E-05	0.00E+00	2.52E-04	1.14E-09	3.34E-11	1.54E-03	2.76E-05	8.52E-04	0.00E+00	1.80E-05	4.25E-03	9.82E-02	0.00E+00	1.33E-10	1.72E-10	2.00E-05	5.09E-07	1.31E-02	0.00E+00	9.82E-02	2.41E-10	9.82E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.72E-04
MHN525	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN525A	1.07E-05	4.87E-03	9.18E-04	3.95E-03	0.00E+00	0.00E+00	5.70E-02	5.42E-08	5.24E-06	3.26E-05	0.00E+00	9.64E-05	4.36E-10	1.27E-11	5.88E-04	1.05E-05	3.24E-04	0.00E+00	6.86E-06	1.62E-03	3.75E-02	0.00E+00	5.07E-11	6.56E-11	7.62E-06	1.94E-07	5.00E-03	0.00E+00	3.75E-02	9.19E-11	3.75E-02	4.25E-02	5.00E-03	0.00E+00	0.00E+00	0.00E+00	2.94E-04
MHN532	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHN532A	1.11E-05	5.05E-03	9.52E-04	4.10E-03	0.00E+00	0.00E+00	5.91E-02	5.62E-08	5.44E-06	3.38E-05	0.00E+00	9.99E-05	4.52E-10	1.32E-11	6.10E-04	1.09E-05	3.36E-04	0.00E+00	7.11E-06	1.68E-03	3.89E-02	0.00E+00	5.25E-11	6.80E-11	7.90E-06	2.01E-07	5.19E-03	0.00E+00	3.89E-02	9.53E-11	3.89E-02	4.41E-02	5.19E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
MHN706	4.95E-05	2.16E-02	4.07E-03	1.76E-02	0.00E+00	0.00E+00	2.53E-01	2.40E-07	2.33E-05	1.45E-04	0.00E+00	4.28E-04	1.93E-09	5.65E-11	2.61E-03	4.68E-05	1.44E-03	0.00E+00	3.05E-05	7.20E-03	1.66E-01	0.00E+00	2.25E-10	2.91E-10	3.38E-05	8.63E-07	2.22E-02	0.00E+00	1.66E-01	4.08E-10	1.66E-01	1.89E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
MHN710	1.07E-05	4.98E-03	9.38E-04	4.04E-03	0.00E+00	0.00E+00	5.82E-02	5.53E-08	5.36E-06	3.33E-05	0.00E+00	9.85E-05	4.45E-10	1.30E-11	6.01E-04	1.08E-05	3.31E-04	0.00E+00	7.01E-06	1.65E-03	3.83E-02	0.00E+00	5.18E-11	6.70E-11	7.79E-06	1.99E-07	5.11E-03	0.00E+00	3.83E-02	9.39E-11	3.83E-02	4.34E-02	5.11E-03	0.00E+00	0.00E+00	0.00E+00	3.01E-04
MHS506	1.90E-05	8.44E-03	1.59E-03	6.85E-03	0.00E+00	0.00E+00	9.87E-02	9.39E-08	9.09E-06	5.65E-05	0.00E+00	1.67E-04	7.55E-10	2.21E-11	1.02E-03	1.83E-05	5.63E-04	0.00E+00	1.19E-05	2.81E-03	6.50E-02	0.00E+00	8.78E-11	1.14E-10	1.32E-05	3.37E-07	8.67E-03	0.00E+00	6.50E-02	1.59E-10	6.50E-02	7.36E-02	8.67E-03	0.00E+00	0.00E+00	0.00E+00	5.10E-04
MHS510	2.27E-05	1.01E-02	1.89E-03	8.16E-03	0.00E+00	0.00E+00	1.18E-01	1.12E-07	1.08E-05	6.73E-05	0.00E+00	1.99E-04	8.99E-10	2.63E-11	1.21E-03	2.18E-05	6.71E-04	0.00E+00	1.42E-05	3.34E-03	7.74E-02	0.00E+00	1.05E-10	1.35E-10	1.57E-05	4.01E-07	1.03E-02	0.00E+00	7.74E-02	1.90E-10	7.74E-02	8.77E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	6.08E-04
MHS516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MHT706	5.63E-05	2.45E-02	4.62E-03	1.99E-02	0.00E+00	0.00E+00	2.87E-01	2.73E-07	2.64E-05	1.64E-04	0.00E+00	4.85E-04	2.19E-09	6.41E-11	2.96E-03	5.31E-05	1.64E-03	0.00E+00	3.46E-05	8.16E-03	1.89E-01	0.00E+00	2.55E-10	3.30E-10	3.84E-05	9.79E-07	2.52E-02	0.00E+00	1.89E-01	4.63E-10	1.89E-01	2.14E-01	2.52E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
MHT710	3.69E-05	1.62E-02	3.05E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.80E-07	1.74E-05	1.08E-04	0.00E+00	3.21E-04	1.45E-09	4.24E-11	1.96E-03	3.51E-05	1.08E-03	0.00E+00	2.28E-05	5.39E-03	1.25E-01	0.00E+00	1.69E-10	2.18E-10	2.54E-05	6.47E-07	1.66E-02	0.00E+00	1.25E-01	3.06E-10	1.25E-01	1.41E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	9.81E-04
MHT716	4.47E-05	1.96E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.29E-01	2.17E-07	2.11E-05	1.31E-04	0.00E+00	3.87E-04	1.75E-09	5.11E-11	2.36E-03	4.23E-05	1.31E-03	0.00E+00	2.76E-05	6.51E-03	1.51E-01	0.00E+00	2.03E-10	2.63E-10	3.06E-05	7.80E-07	2.01E-02	0.00E+00	1.51E-01	3.69E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MHT720	5.73E-05	2.50E-02	4.70E-03	2.03E-02	0.00E+00	0.00E+00	2.92E-01	2.77E-07	2.69E-05	1.67E-04	0.00E+00	4.93E-04	2.23E-09	6.52E-11	3.01E-03	5.40E-05	1.67E-03	0.00E+00	3.52E-05	8.30E-03	1.92E-01	0.00E+00	2.60E-10	3.36E-10	3.90E-05	9.96E-07	2.56E-02	0.00E+00	1.92E-01	4.71E-10	1.92E-01	2.18E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
MHT725	5.13E-05	2.24E-02	4.22E-03	1.82E-02	0.00E+00	0.00E+00	2.62E-01	2.49E-07	2.41E-05	1.50E-04	0.00E+00	4.43E-04	2.00E-09	5.85E-11	2.70E-03	4.84E-05	1.49E-03	0.00E+00	3.15E-05	7.45E-03	1.72E-01	0.00E+00	2.33E-10	3.01E-10	3.50E-05	8.93E-07	2.30E-02	0.00E+00	1.72E-01	4.23E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MHT732	6.40E-05	2.79E-02	5.25E-03	2.26E-02	0.00E+00	0.00E+00	3.26E-01	3.10E-07	3.00E-05	1.86E-04	0.00E+00	5.51E-04	2.49E-09	7.29E-11	3.37E-03	6.03E-05	1.86E-03	0.00E+00	3.93E-05	9.27E-03	2.14E-01	0.00E+00	2.90E-10	3.75E-10	4.36E-05	1.11E-06	2.86E-02	0.00E+00	2.14E-01	5.26E-10	2.14E-01	2.43E-01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	1.69E-03
MHT740	6.19E-05	2.70E-02	5.09E-03	2.19E-02	0.00E+00	0.00E+00	3.16E-01	3.00E-07	2.91E-05	1.81E-04	0.00E+00	5.34E-04	2.42E-09	7.06E-11	3.26E-03	5.84E-05	1.80E-03	0.00E+00	3.80E-05	8.98E-03	2.08E-01	0.00E+00	2.81E-10	3.64E-10	4.22E-05	1.08E-06	2.77E-02	0.00E+00	2.08E-01	5.10E-10	2.08E-01	2.36E-01	2.77E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
MJ506J	2.38E-05	1.05E-02	1.97E-03	8.50E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.13E-05	7.00E-05	0.00E+00	2.07E-04	9.37E-10	2.74E-11	1.26E-03	2.27E-05	6.98E-04	0.00E+00	1.47E-05	3.48E-03	8.06E-02	0.00E+00	1.09E-10	1.41E-10	1.64E-05	4.18E-07	1.07E-02	0.00E+00	8.06E-02	1.98E-10	8.06E-02	9.13E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.33E-04
MJ510J	2.61E-05	1.15E-02	2.16E-03	9.32E-03	0.00E+00	0.00E+00	1.34E-01	1.28E-07	1.24E-05	7.68E-05	0.00E+00	2.27E-04	1.03E-09	3.00E-11	1.39E-03	2.48E-05	7.66E-04	0.00E+00	1.62E-05	3.82E-03	8.84E-02	0.00E+00	1.19E-10	1.55E-10	1.80E-05	4.58E-07	1.18E-02	0.00E+00	8.84E-02	2.17E-10	8.84E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.94E-04
MJ516J	2.64E-05	1.16E-02	2.19E-03	9.44E-03	0.00E+00	0.00E+00	1.36E-01	1.29E-07	1.25E-05	7.78E-05	0.00E+00	2.30E-04	1.04E-09	3.04E-11	1.40E-03	2.52E-05	7.76E-04	0.00E+00	1.64E-05	3.87E-03	8.95E-02	0.00E+00	1.21E-10	1.57E-10	1.82E-05	4.64E-07	1.19E-02	0.00E+00	8.95E-02	2.19E-10	8.95E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.03E-04
MJ520J	4.84E-05	2.11E-02	3.97E-03	1.71E-02	0.00E+00	0.00E+00	2.47E-01	2.34E-07	2.27E-05	1.41E-04	0.00E+00	4.17E-04	1.89E-09	5.51E-11	2.55E-03	4.56E-05	1.41E-03	0.00E+00	2.97E-05	7.02E-03	1.62E-01	0.00E+00	2.19E-10	2.84E-10	3.30E-05	8.42E-07	2.17E-02	0.00E+00	1.62E-01	3.98E-10	1.62E-01	1.84E-01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
MJ525J	4.12E-05	1.80E-02	3.38E-03	1.46E-02	0.00E+00	0.00E+00	2.10E-01	2.00E-07	1.93E-05	1.20E-04	0.00E+00	3.55E-04	1.61E-09	4.69E-11	2.17E-03	3.88E-05	1.20E-03	0.00E+00	2.53E-05	5.97E-03	1.38E-01	0.00E+00	1.87E-10	2.42E-10	2.81E-05	7.16E-07	1.84E-02	0.00E+00	1.38E-01	3.39E-10	1.38E-01	1.57E-01	1.84E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
MJ532J	5.27E-05	2.29E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.68E-01	2.55E-07	2.47E-05	1.53E-04	0.00E+00	4.53E-04	2.05E-09	5.99E-11	2.77E-03	4.96E-05	1.53E-03	0.00E+00	3.23E-05	7.63E-03	1.76E-01	0.00E+00	2.38E-10	3.09E-10	3.59E-05	9.15E-07	2.35E-02	0.00E+00	1.76E-01	4.33E-10	1.76E-01	2.00E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MJ540J	1.25E-05	5.63E-03	1.06E-03	4.57E-03	0.00E+00	0.00E+00	6.58E-02	6.26E-08	6.06E-06	3.76E-05	0.00E+00	1.11E-04	5.03E-10	1.47E-11	6.79E-04	1.22E-05	3.75E-04	0.00E+00	7.92E-06	1.87E-03	4.33E-02	0.00E+00	5.85E-11	7.58E-11	8.80E-06	2.24E-07	5.78E-03	0.00E+00	4.33E-02	1.06E-10	4.33E-02	4.91E-02	5.78E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
MJ706P	2.29E-05	1.01E-02	1.90E-03	8.19E-03	0.00E+00	0.00E+00	1.18E-01	1.12E-07	1.09E-05	6.75E-05	0.00E+00	1.99E-04	9.02E-10	2.64E-11	1.22E-03	2.18E-05	6.73E-04	0.00E+00	1.42E-05	3.35E-03	7.76E-02	0.00E+00	1.05E-10	1.36E-10	1.58E-05	4.02E-07	1.04E-02	0.00E+00	7.76E-02	1.90E-10	7.76E-02	8.80E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.10E-04
MJ710P	2.11E-05	9.36E-03	1.76E-03	7.60E-03	0.00E+00	0.00E+00	1.09E-01	1.04E-07	1.01E-05	6.26E-05	0.00E+00	1.85E-04	8.37E-10	2.45E-11	1.13E-03	2.02E-05	6.24E-04	0.00E+00	1.32E-05	3.11E-03	7.20E-02	0.00E+00	9.73E-11	1.26E-10	1.46E-05	3.73E-07	9.61E-03	0.00E+00	7.20E-02	1.77E-10	7.20E-02	8.16E-02	9.61E-03	0.00E+00	0.00E+00	0.00E+00	5.66E-04
MJ716P	2.02E-05	9.01E-03	1.70E-03	7.31E-03	0.00E+00	0.00E+00	1.05E-01	1.00E-07	9.69E-06	6.03E-05	0.00E+00	1.78E-04	8.06E-10	2.35E-11	1.09E-03	1.95E-05	6.01E-04	0.00E+00	1.27E-05	2.99E-03	6.93E-02	0.00E+00	9.37E-11	1.21E-10	1.41E-05	3.59E-07	9.24E-03	0.00E+00	6.93E-02	1.70E-10	6.93E-02	7.85E-02	9.24E-03	0.00E+00	0.00E+00	0.00E+00	5.45E-04
MJ720P	2.12E-05	9.43E-03	1.78E-03	7.65E-03	0.00E+00	0.00E+00	1.10E-01	1.05E-07	1.01E-05	6.31E-05	0.00E+00	1.86E-04	8.43E-10	2.46E-11	1.14E-03	2.04E-05	6.29E-04	0.00E+00	1.33E-05	3.14E-03	7.25E-02	0.00E+00	9.81E-11	1.27E-10	1.47E-05	3.76E-07	9.68E-03	0.00E+00	7.25E-02	1.78E-10	7.25E-02	8.22E-02	9.68E-03	0.00E+00	0.00E+00	0.00E+00	5.70E-04
MJ725P	2.24E-05	9.93E-03	1.87E-03	8.06E-03	0.00E+00	0.00E+00	1.16E-01	1.10E-07	1.07E-05	6.64E-05	0.00E+00	1.96E-04	8.88E-10	2.60E-11	1.20E-03	2.15E-05	6.62E-04	0.00E+00	1.40E-05	3.30E-03	7.64E-02	0.00E+00	1.03E-10	1.34E-10	1.55E-05	3.96E-07	1.02E-02	0.00E+00	7.64E-02	1.87E-10	7.64E-02	8.66E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	6.01E-04
MJ732P	1.97E-05	8.77E-03	1.65E-03	7.12E-03	0.00E+00	0.00E+00	1.03E-01	9.75E-08	9.44E-06	5.87E-05	0.00E+00	1.73E-04	7.84E-10	2.29E-11	1.06E-03	1.90E-05	5.85E-04	0.00E+00	1.23E-05	2.92E-03	6.75E-02	0.00E+00	9.12E-11	1.18E-10	1.37E-05	3.50E-07	9.00E-03	0.00E+00	6.75E-02	1.65E-10	6.75E-02	7.65E-02	9.00E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
MJ740P	2.30E-05	1.02E-02	1.92E-03	8.26E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.10E-05	6.81E-05	0.00E+00	2.01E-04	9.10E-10	2.66E-11	1.23E-03	2.20E-05	6.79E-04	0.00E+00	1.43E-05	3.38E-03	7.83E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.06E-07	1.04E-02	0.00E+00	7.83E-02	1.92E-10	7.83E-02	8.87E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.15E-04
MJN502A	2.56E-05	1.16E-02	2.18E-03	9.41E-03	0.00E+00	0.00E+00	1.35E-01	1.29E-07	1.25E-05	7.75E-05	0.00E+00	2.29E-04	1.04E-09	3.03E-11	1.40E-03	2.51E-05	7.73E-04	0.00E+00	1.63E-05	3.85E-03	8.91E-02	0.00E+00	1.20E-10	1.56E-10	1.81E-05	4.62E-07	1.19E-02	0.00E+00	8.91E-02	2.19E-10	8.91E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.01E-04
MJN504	1.34E-05	6.44E-03	1.21E-03	5.23E-03	0.00E+00	0.00E+00	7.53E-02	7.16E-08	6.93E-06	4.31E-05	0.00E+00	1.27E-04	5.76E-10	1.68E-11	7.78E-04	1.39E-05	4.29E-04	0.00E+00	9.07E-06	2.14E-03	4.96E-02	0.00E+00	6.70E-11	8.67E-11	1.01E-05	2.57E-07	6.61E-03	0.00E+00	4.96E-02	1.22E-10	4.96E-02	5.62E-02	6.61E-03	0.00E+00	0.00E+00	0.00E+00	3.89E-04
MJN504A	1.31E-05	6.28E-03	1.18E-03	5.10E-03	0.00E+00	0.00E+00	7.35E-02	6.98E-08	6.76E-06	4.20E-05	0.00E+00	1.24E-04	5.62E-10	1.64E-11	7.58E-04	1.36E-05	4.19E-04	0.00E+00	8.84E-06	2.09E-03	4.83E-02	0.00E+00	6.53E-11	8.46E-11	9.82E-06	2.51E-07	6.45E-03	0.00E+00	4.83E-02	1.19E-10	4.83E-02	5.48E-02	6.45E-03	0.00E+00	0.00E+00	0.00E+00	3.80E-04
MJN506	2.09E-05	9.25E-03	1.74E-03	7.51E-03	0.00E+00	0.00E+00	1.08E-01	1.03E-07	9.95E-06	6.19E-05	0.00E+00	1.83E-04	8.27E-10	2.42E-11	1.12E-03	2.00E-05	6.17E-04	0.00E+00	1.30E-05	3.07E-03	7.11E-02	0.00E+00	9.62E-11	1.24E-10	1.45E-05	3.69E-07	9.49E-03	0.00E+00	7.11E-02	1.74E-10	7.11E-02	8.06E-02	9.49E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04
MJN506A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN510	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN510A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN513A	3.30E-05	1.45E-02	2.73E-03	1.18E-02	0.00E+00	0.00E+00	1.70E-01	1.61E-07	1.56E-05	9.70E-05	0.00E+00	2.87E-04	1.30E-09	3.79E-11	1.75E-03	3.14E-05	9.68E-04	0.00E+00	2.04E-05	4.82E-03	1.12E-01	0.00E+00	1.51E-10	1.95E-10	2.27E-05	5.78E-07	1.49E-02	0.00E+00	1.12E-01	2.74E-10	1.12E-01	1.26E-01	1.49E-02	0.00E+00	0.00E+00	0.00E+00	8.77E-04
MJN516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN516A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN520	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN520A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN525	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN525A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN532	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN532A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJN540A	5.34E-05	2.33E-02	4.38E-03	1.89E-02	0.00E+00	0.00E+00	2.72E-01	2.59E-07	2.50E-05	1.56E-04	0.00E+00	4.60E-04	2.08E-09	6.08E-11	2.81E-03	5.03E-05	1.55E-03	0.00E+00	3.28E-05	7.74E-03	1.79E-01	0.00E+00	2.42E-10	3.13E-10	3.64E-05	9.28E-07	2.39E-02	0.00E+00	1.79E-01	4.39E-10	1.79E-01	2.03E-01	2.39E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
MJN702	4.56E-05	2.00E-02	3.76E-03	1.62E-02	0.00E+00	0.00E+00	2.34E-01	2.22E-07	2.15E-05	1.34E-04	0.00E+00	3.95E-04	1.79E-09	5.22E-11	2.41E-03	4.32E-05	1.33E-03	0.00E+00	2.81E-05	6.65E-03	1.54E-01	0.00E+00	2.08E-10	2.69E-10	3.12E-05	7.97E-07	2.05E-02	0.00E+00	1.54E-01	3.77E-10	1.54E-01	1.74E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
MJN706	4.56E-05	1.99E-02	3.75E-03	1.62E-02	0.00E+00	0.00E+00	2.33E-01	2.22E-07	2.14E-05	1.33E-04	0.00E+00	3.94E-04	1.78E-09	5.21E-11	2.41E-03	4.31E-05	1.33E-03	0.00E+00	2.81E-05	6.63E-03	1.53E-01	0.00E+00	2.07E-10	2.68E-10	3.12E-05	7.95E-07	2.05E-02	0.00E+00	1.53E-01	3.76E-10	1.53E-01	1.74E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
MJN710	4.58E-05	2.01E-02	3.78E-03	1.63E-02	0.00E+00	0.00E+00	2.35E-01	2.23E-07	2.16E-05	1.34E-04	0.00E+00	3.97E-04	1.80E-09	5.25E-11	2.43E-03	4.35E-05	1.34E-03	0.00E+00	2.83E-05	6.68E-03	1.55E-01	0.00E+00	2.09E-10	2.71E-10	3.14E-05	8.02E-07	2.06E-02	0.00E+00	1.55E-01	3.79E-10	1.55E-01	1.75E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
MJN716	3.41E-05	1.51E-02	2.84E-03	1.22E-02	0.00E+00	0.00E+00	1.76E-01	1.68E-07	1.62E-05	1.01E-04	0.00E+00	2.98E-04	1.35E-09	3.94E-11	1.82E-03	3.26E-05	1.01E-03	0.00E+00	2.12E-05	5.02E-03	1.16E-01	0.00E+00	1.57E-10	2.03E-10	2.36E-05	6.02E-07	1.55E-02	0.00E+00	1.16E-01	2.85E-10	1.16E-01	1.32E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.12E-04
MJN720	3.06E-05	1.36E-02	2.56E-03	1.10E-02	0.00E+00	0.00E+00	1.59E-01	1.51E-07	1.46E-05	9.08E-05	0.00E+00	2.68E-04	1.21E-09	3.55E-11	1.64E-03	2.94E-05	9.06E-04	0.00E+00	1.91E-05	4.52E-03	1.04E-01	0.00E+00	1.41E-10	1.83E-10	2.12E-05	5.42E-07	1.39E-02	0.00E+00	1.04E-01	2.56E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.21E-04
MJN725	4.41E-05	1.94E-02	3.66E-03	1.58E-02	0.00E+00	0.00E+00	2.27E-01	2.16E-07	2.09E-05	1.30E-04	0.00E+00	3.84E-04	1.74E-09	5.08E-11	2.35E-03	4.20E-05	1.30E-03	0.00E+00	2.74E-05	6.46E-03	1.49E-01	0.00E+00	2.02E-10	2.62E-10	3.04E-05	7.75E-07	1.99E-02	0.00E+00	1.49E-01	3.67E-10	1.49E-01	1.69E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
MJN732	5.00E-05	2.20E-02	4.14E-03	1.78E-02	0.00E+00	0.00E+00	2.57E-01	2.44E-07	2.37E-05	1.47E-04	0.00E+00	4.34E-04	1.97E-09	5.74E-11	2.66E-03	4.75E-05	1.47E-03	0.00E+00	3.10E-05	7.31E-03	1.69E-01	0.00E+00	2.29E-10	2.96E-10	3.44E-05	8.77E-07	2.26E-02	0.00E+00	1.69E-01	4.15E-10	1.69E-01	1.92E-01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
MJN740	5.45E-05	2.39E-02	4.50E-03	1.94E-02	0.00E+00	0.00E+00	2.80E-01	2.66E-07	2.57E-05	1.60E-04	0.00E+00	4.73E-04	2.14E-09	6.25E-11	2.89E-03	5.17E-05	1.60E-03	0.00E+00	3.37E-05	7.95E-03	1.84E-01	0.00E+00	2.49E-10	3.22E-10	3.74E-05	9.54E-07	2.45E-02	0.00E+00	1.84E-01	4.51E-10	1.84E-01	2.08E-01	2.45E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-03
MJS502	1.83E-05	8.44E-03	1.59E-03	6.85E-03	0.00E+00	0.00E+00	9.88E-02	9.39E-08	9.09E-06	5.65E-05	0.00E+00	1.67E-04	7.55E-10	2.21E-11	1.02E-03	1.83E-05	5.63E-04	0.00E+00	1.19E-05	2.81E-03	6.50E-02	0.00E+00	8.78E-11	1.14E-10	1.32E-05	3.37E-07	8.67E-03	0.00E+00	6.50E-02	1.59E-10	6.50E-02	7.36E-02	8.67E-03	0.00E+00	0.00E+00	0.00E+00	5.11E-04
MJS504	2.18E-05	1.01E-02	1.90E-03	8.17E-03	0.00E+00	0.00E+00	1.18E-01	1.12E-07	1.08E-05	6.73E-05	0.00E+00	1.99E-04	9.00E-10	2.63E-11	1.22E-03	2.18E-05	6.71E-04	0.00E+00	1.42E-05	3.35E-03	7.74E-02	0.00E+00	1.05E-10	1.36E-10	1.57E-05	4.01E-07	1.03E-02	0.00E+00	7.74E-02	1.90E-10	7.74E-02	8.78E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	6.09E-04
MJS506	2.05E-05	9.09E-03	1.71E-03	7.38E-03	0.00E+00	0.00E+00	1.06E-01	1.01E-07	9.79E-06	6.08E-05	0.00E+00	1.80E-04	8.13E-10	2.38E-11	1.10E-03	1.97E-05	6.06E-04	0.00E+00	1.28E-05	3.02E-03	7.00E-02	0.00E+00	9.45E-11	1.22E-10	1.42E-05	3.63E-07	9.33E-03	0.00E+00	7.00E-02	1.72E-10	7.00E-02	7.93E-02	9.33E-03	0.00E+00	0.00E+00	0.00E+00	5.50E-04
MJS510	1.82E-05	8.12E-03	1.53E-03	6.59E-03	0.00E+00	0.00E+00	9.49E-02	9.02E-08	8.74E-06	5.43E-05	0.00E+00	1.60E-04	7.26E-10	2.12E-11	9.80E-04	1.76E-05	5.41E-04	0.00E+00	1.14E-05	2.70E-03	6.24E-02	0.00E+00	8.44E-11	1.09E-10	1.27E-05	3.24E-07	8.33E-03	0.00E+00	6.24E-02	1.53E-10	6.24E-02	7.08E-02	8.33E-03	0.00E+00	0.00E+00	0.00E+00	4.91E-04
MJS516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MJT702	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MJT706	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MJT710	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MJT716	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
MJT720	2.50E-05	1.11E-02	2.09E-03	8.99E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.41E-05	0.00E+00	2.19E-04	9.91E-10	2.90E-11	1.34E-03	2.40E-05	7.39E-04	0.00E+00	1.56E-05	3.68E-03	8.52E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.42E-07	1.14E-02	0.00E+00	8.52E-02	2.09E-10	8.52E-02	9.66E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04

MJT725	2.50E-05	1.11E-02	2.09E-03	8.99E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.41E-05	0.00E+00	2.19E-04	9.91E-10	2.90E-11	1.34E-03	2.40E-05	7.39E-04	0.00E+00	1.56E-05	3.68E-03	8.52E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.42E-07	1.14E-02	0.00E+00	8.52E-02	2.09E-10	8.52E-02	9.66E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04
MJT732	2.50E-05	1.11E-02	2.09E-03	8.99E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.41E-05	0.00E+00	2.19E-04	9.91E-10	2.90E-11	1.34E-03	2.40E-05	7.39E-04	0.00E+00	1.56E-05	3.68E-03	8.52E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.42E-07	1.14E-02	0.00E+00	8.52E-02	2.09E-10	8.52E-02	9.66E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04
MJT740	2.50E-05	1.11E-02	2.09E-03	8.99E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.41E-05	0.00E+00	2.19E-04	9.91E-10	2.90E-11	1.34E-03	2.40E-05	7.39E-04	0.00E+00	1.56E-05	3.68E-03	8.52E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.42E-07	1.14E-02	0.00E+00	8.52E-02	2.09E-10	8.52E-02	9.66E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04
MKN506	1.82E-05	8.09E-03	1.52E-03	6.57E-03	0.00E+00	0.00E+00	9.46E-02	9.00E-08	8.71E-06	5.41E-05	0.00E+00	1.60E-04	7.24E-10	2.12E-11	9.77E-04	1.75E-05	5.40E-04	0.00E+00	1.14E-05	2.69E-03	6.23E-02	0.00E+00	8.42E-11	1.09E-10	1.27E-05	3.23E-07	8.31E-03	0.00E+00	6.23E-02	1.53E-10	6.23E-02	7.06E-02	8.31E-03	0.00E+00	0.00E+00	0.00E+00	4.89E-04
MKN506A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MKN510	9.16E-06	4.22E-03	7.95E-04	3.42E-03	0.00E+00	0.00E+00	4.94E-02	4.69E-08	4.54E-06	2.82E-05	0.00E+00	8.35E-05	3.78E-10	1.10E-11	5.09E-04	9.14E-06	2.81E-04	0.00E+00	5.94E-06	1.40E-03	3.25E-02	0.00E+00	4.39E-11	5.68E-11	6.60E-06	1.68E-07	4.33E-03	0.00E+00	3.25E-02	7.96E-11	3.25E-02	3.68E-02	4.33E-03	0.00E+00	0.00E+00	0.00E+00	2.55E-04
MKN510A	3.03E-05	1.33E-02	2.51E-03	1.08E-02	0.00E+00	0.00E+00	1.56E-01	1.48E-07	1.43E-05	8.90E-05	0.00E+00	2.63E-04	1.19E-09	3.48E-11	1.61E-03	2.88E-05	8.88E-04	0.00E+00	1.87E-05	4.43E-03	1.02E-01	0.00E+00	1.38E-10	1.79E-10	2.08E-05	5.31E-07	1.37E-02	0.00E+00	1.02E-01	2.51E-10	1.02E-01	1.16E-01	1.37E-02	0.00E+00	0.00E+00	0.00E+00	8.05E-04
MKN513	2.09E-05	9.28E-03	1.75E-03	7.53E-03	0.00E+00	0.00E+00	1.08E-01	1.03E-07	9.98E-06	6.21E-05	0.00E+00	1.83E-04	8.30E-10	2.43E-11	1.12E-03	2.01E-05	6.19E-04	0.00E+00	1.31E-05	3.08E-03	7.14E-02	0.00E+00	9.65E-11	1.25E-10	1.45E-05	3.70E-07	9.52E-03	0.00E+00	7.14E-02	1.75E-10	7.14E-02	8.09E-02	9.52E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-04
MKN513A	3.14E-05	1.38E-02	2.60E-03	1.12E-02	0.00E+00	0.00E+00	1.61E-01	1.53E-07	1.48E-05	9.23E-05	0.00E+00	2.73E-04	1.23E-09	3.61E-11	1.67E-03	2.98E-05	9.21E-04	0.00E+00	1.94E-05	4.59E-03	1.06E-01	0.00E+00	1.43E-10	1.86E-10	2.16E-05	5.50E-07	1.42E-02	0.00E+00	1.06E-01	2.60E-10	1.06E-01	1.20E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.34E-04
MKN516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MKN516A	2.89E-05	1.27E-02	2.39E-03	1.03E-02	0.00E+00	0.00E+00	1.49E-01	1.41E-07	1.37E-05	8.51E-05	0.00E+00	2.51E-04	1.14E-09	3.32E-11	1.54E-03	2.75E-05	8.48E-04	0.00E+00	1.79E-05	4.23E-03	9.78E-02	0.00E+00	1.32E-10	1.71E-10	1.99E-05	5.07E-07	1.30E-02	0.00E+00	9.78E-02	2.40E-10	9.78E-02	1.11E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.69E-04
MKN520	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MKN520A	3.73E-05	1.63E-02	3.08E-03	1.33E-02	0.00E+00	0.00E+00	1.91E-01	1.82E-07	1.76E-05	1.09E-04	0.00E+00	3.23E-04	1.46E-09	4.27E-11	1.97E-03	3.53E-05	1.09E-03	0.00E+00	2.30E-05	5.43E-03	1.26E-01	0.00E+00	1.70E-10	2.20E-10	2.55E-05	6.52E-07	1.68E-02	0.00E+00	1.26E-01	3.08E-10	1.26E-01	1.42E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.88E-04
MKN525	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MKN525A	3.05E-05	1.34E-02	2.53E-03	1.09E-02	0.00E+00	0.00E+00	1.57E-01	1.49E-07	1.44E-05	8.98E-05	0.00E+00	2.65E-04	1.20E-09	3.51E-11	1.62E-03	2.90E-05	8.95E-04	0.00E+00	1.89E-05	4.46E-03	1.03E-01	0.00E+00	1.40E-10	1.81E-10	2.10E-05	5.35E-07	1.38E-02	0.00E+00	1.03E-01	2.53E-10	1.03E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.11E-04
MKN532	2.87E-05	1.27E-02	2.38E-03	1.03E-02	0.00E+00	0.00E+00	1.48E-01	1.41E-07	1.36E-05	8.47E-05	0.00E+00	2.50E-04	1.13E-09	3.31E-11	1.53E-03	2.74E-05	8.45E-04	0.00E+00	1.78E-05	4.21E-03	9.74E-02	0.00E+00	1.32E-10	1.70E-10	1.98E-05	5.05E-07	1.30E-02	0.00E+00	9.74E-02	2.39E-10	9.74E-02	1.10E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.65E-04
MKN532A	3.88E-05	1.70E-02	3.20E-03	1.38E-02	0.00E+00	0.00E+00	1.99E-01	1.89E-07	1.83E-05	1.14E-04	0.00E+00	3.36E-04	1.52E-09	4.44E-11	2.05E-03	3.67E-05	1.13E-03	0.00E+00	2.39E-05	5.65E-03	1.31E-01	0.00E+00	1.77E-10	2.29E-10	2.66E-05	6.78E-07	1.74E-02	0.00E+00	1.31E-01	3.21E-10	1.31E-01	1.48E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
MKN540	2.97E-05	1.31E-02	2.46E-03	1.06E-02	0.00E+00	0.00E+00	1.53E-01	1.45E-07	1.40E-05	8.73E-05	0.00E+00	2.58E-04	1.17E-09	3.41E-11	1.58E-03	2.82E-05	8.71E-04	0.00E+00	1.84E-05	4.34E-03	1.00E-01	0.00E+00	1.36E-10	1.76E-10	2.04E-05	5.21E-07	1.34E-02	0.00E+00	1.00E-01	2.46E-10	1.00E-01	1.14E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	7.90E-04
MKN598	4.20E-05	1.86E-02	3.50E-03	1.51E-02	0.00E+00	0.00E+00	2.18E-01	2.07E-07	2.00E-05	1.24E-04	0.00E+00	3.68E-04	1.66E-09	4.86E-11	2.25E-03	4.03E-05	1.24E-03	0.00E+00	2.62E-05	6.19E-03	1.43E-01	0.00E+00	1.94E-10	2.51E-10	2.91E-05	7.42E-07	1.91E-02	0.00E+00	1.43E-01	3.51E-10	1.43E-01	1.62E-01	1.91E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03
MKN599	4.31E-05	1.91E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.24E-01	2.13E-07	2.06E-05	1.28E-04	0.00E+00	3.78E-04	1.71E-09	5.00E-11	2.31E-03	4.14E-05	1.28E-03	0.00E+00	2.69E-05	6.36E-03	1.47E-01	0.00E+00	1.99E-10	2.58E-10	2.99E-05	7.63E-07	1.96E-02	0.00E+00	1.47E-01	3.61E-10	1.47E-01	1.67E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
MKS506	1.39E-05	6.25E-03	1.18E-03	5.07E-03	0.00E+00	0.00E+00	7.31E-02	6.95E-08	6.73E-06	4.18E-05	0.00E+00	1.24E-04	5.59E-10	1.63E-11	7.55E-04	1.35E-05	4.17E-04	0.00E+00	8.80E-06	2.08E-03	4.81E-02	0.00E+00	6.50E-11	8.42E-11	9.78E-06	2.49E-07	6.42E-03	0.00E+00	4.81E-02	1.18E-10	4.81E-02	5.45E-02	6.42E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-04
MKS510	1.70E-05	7.63E-03	1.44E-03	6.19E-03	0.00E+00	0.00E+00	8.92E-02	8.48E-08	8.21E-06	5.10E-05	0.00E+00	1.51E-04	6.83E-10	1.99E-11	9.21E-04	1.65E-05	5.09E-04	0.00E+00	1.07E-05	2.54E-03	5.87E-02	0.00E+00	7.94E-11	1.03E-10	1.19E-05	3.04E-07	7.83E-03	0.00E+00	5.87E-02	1.44E-10	5.87E-02	6.65E-02	7.83E-03	0.00E+00	0.00E+00	0.00E+00	4.61E-04
MKS513	1.73E-05	7.73E-03	1.46E-03	6.27E-03	0.00E+00	0.00E+00	9.04E-02	8.59E-08	8.32E-06	5.17E-05	0.00E+00	1.53E-04	6.91E-10	2.02E-11	9.33E-04	1.67E-05	5.15E-04	0.00E+00	1.09E-05	2.57E-03	5.95E-02	0.00E+00	8.04E-11	1.04E-10	1.21E-05	3.08E-07	7.93E-03	0.00E+00	5.95E-02	1.46E-10	5.95E-02	6.74E-02	7.93E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-04
MKS516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MKS599	4.31E-05	1.91E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.24E-01	2.13E-07	2.06E-05	1.28E-04	0.00E+00	3.78E-04	1.71E-09	5.00E-11	2.31E-03	4.14E-05	1.28E-03	0.00E+00	2.69E-05	6.36E-03	1.47E-01	0.00E+00	1.99E-10	2.58E-10	2.99E-05	7.63E-07	1.96E-02	0.00E+00	1.47E-01	3.61E-10	1.47E-01	1.67E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
ML506J	1.26E-05	5.63E-03	1.06E-03	4.57E-03	0.00E+00	0.00E+00	6.59E-02	6.26E-08	6.06E-06	3.77E-05	0.00E+00	1.11E-04	5.04E-10	1.47E-11	6.80E-04	1.22E-05	3.75E-04	0.00E+00	7.93E-06	1.87E-03	4.33E-02	0.00E+00	5.86E-11	7.58E-11	8.81E-06	2.25E-07	5.78E-03	0.00E+00	4.33E-02	1.06E-10	4.33E-02	4.91E-02	5.78E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
ML510J	1.66E-05	7.37E-03	1.39E-03	5.99E-03	0.00E+00	0.00E+00	8.62E-02	8.20E-08	7.94E-06	4.93E-05	0.00E+00	1.46E-04	6.60E-10	1.93E-11	8.90E-04	1.60E-05	4.92E-04	0.00E+00	1.04E-05	2.45E-03	5.67E-02	0.00E+00	7.67E-11	9.93E-11	1.15E-05	2.94E-07	7.57E-03	0.00E+00	5.67E-02	1.39E-10	5.67E-02	6.43E-02	7.57E-03	0.00E+00	0.00E+00	0.00E+00	4.46E-04
ML516J	1.02E-05	4.65E-03	8.76E-04	3.77E-03	0.00E+00	0.00E+00	5.44E-02	5.17E-08	5.01E-06	3.11E-05	0.00E+00	9.20E-05	4.16E-10	1.22E-11	5.61E-04	1.01E-05	3.10E-04	0.00E+00	6.55E-06	1.55E-03	3.58E-02	0.00E+00	4.84E-11	6.26E-11	7.28E-06	1.86E-07	4.77E-03	0.00E+00	3.58E-02	8.78E-11	3.58E-02	4.06E-02	4.77E-03	0.00E+00	0.00E+00	0.00E+00	2.81E-04
ML520J	8.61E-06	3.96E-03	7.46E-04	3.21E-03	0.00E+00	0.00E+00	4.63E-02	4.40E-08	4.26E-06	2.65E-05	0.00E+00	7.83E-05	3.54E-10	1.04E-11	4.78E-04	8.57E-06	2.63E-04	0.00E+00	5.57E-06	1.32E-03	3.05E-02	0.00E+00	4.12E-11	5.33E-11	6.19E-06	1.58E-07	4.07E-03	0.00E+00	3.05E-02	7.47E-11	3.05E-02	3.45E-02	4.07E-03	0.00E+00	0.00E+00	0.00E+00	2.39E-04
ML525J	9.41E-06	4.29E-03	8.09E-04	3.48E-03	0.00E+00	0.00E+00	5.02E-02	4.77E-08	4.62E-06	2.87E-05	0.00E+00	8.49E-05	3.84E-10	1.12E-11	5.18E-04	9.29E-06	2.85E-04	0.00E+00	6.04E-06	1.43E-03	3.30E-02	0.00E+00	4.46E-11	5.78E-11	6.71E-06	1.71E-07	4.41E-03	0.00E+00	3.30E-02	8.10E-11	3.30E-02	3.74E-02	4.41E-03	0.00E+00	0.00E+00	0.00E+00	2.59E-04
ML532J	1.73E-05	7.68E-03	1.45E-03	6.23E-03	0.00E+00	0.00E+00	8.98E-02	8.54E-08	8.27E-06	5.14E-05	0.00E+00	1.52E-04	6.87E-10	2.01E-11	9.28E-04	1.66E-05	5.12E-04	0.00E+00	1.08E-05	2.55E-03	5.91E-02	0.00E+00	7.99E-11	1.03E-10	1.20E-05	3.06E-07	7.88E-03	0.00E+00	5.91E-02	1.45E-10	5.91E-02	6.70E-02	7.88E-03	0.00E+00	0.00E+00	0.00E+00	4.64E-04
ML540J	1.20E-05	5.41E-03	1.02E-03	4.39E-03	0.00E+00	0.00E+00	6.33E-02	6.01E-08	5.82E-06	3.62E-05	0.00E+00	1.07E-04	4.84E-10	1.41E-11	6.53E-04	1.17E-05	3.60E-04	0.00E+00	7.62E-06	1.80E-03	4.16E-02	0.00E+00	5.63E-11	7.29E-11	8.46E-06	2.16E-07	5.55E-03	0.00E+00	4.16E-02	1.02E-10	4.16E-02	4.72E-02	5.55E-03	0.00E+00	0.00E+00	0.00E+00	3.27E-04
MLN502A	1.89E-05	8.67E-03	1.63E-03	7.03E-03	0.00E+00	0.00E+00	1.01E-01	9.63E-08	9.33E-06	5.80E-05	0.00E+00	1.71E-04	7.75E-10	2.27E-11	1.05E-03	1.87E-05	5.78E-04	0.00E+00	1.22E-05	2.88E-03	6.67E-02	0.00E+00	9.01E-11	1.17E-10	1.36E-05	3.46E-07	8.90E-03	0.00E+00	6.67E-02	1.64E-10	6.67E-02	7.56E-02	8.90E-03	0.00E+00	0.00E+00	0.00E+00	5.24E-04
MLN504A	3.11E-05	1.40E-02	2.64E-03	1.14E-02	0.00E+00	0.00E+00	1.64E-01	1.56E-07	1.51E-05	9.39E-05	0.00E+00	2.77E-04	1.26E-09	3.67E-11	1.70E-03	3.04E-05	9.37E-04	0.00E+00	1.98E-05	4.67E-03	1.08E-01	0.00E+00	1.46E-10	1.89E-10	2.19E-05	5.60E-07	1.44E-02	0.00E+00	1.08E-01	2.65E-10	1.08E-01	1.22E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	8.49E-04
MLN506	1.78E-05	7.95E-03	1.50E-03	6.45E-03	0.00E+00	0.00E+00	9.30E-02	8.84E-08	8.55E-06	5.32E-05	0.00E+00	1.57E-04	7.11E-10	2.08E-11	9.60E-04	1.72E-05	5.30E-04	0.00E+00	1.12E-05	2.64E-03	6.12E-02	0.00E+00	8.27E-11	1.07E-10	1.24E-05	3.17E-07	8.16E-03	0.00E+00	6.12E-02	1.50E-10	6.12E-02	6.93E-02	8.16E-03	0.00E+00	0.00E+00	0.00E+00	4.81E-04
MLN506A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN510	2.41E-05	1.07E-02	2.01E-03	8.65E-03	0.00E+00	0.00E+00	1.25E-01	1.18E-07	1.15E-05	7.13E-05	0.00E+00	2.11E-04	9.53E-10	2.79E-11	1.29E-03	2.31E-05	7.11E-04	0.00E+00	1.50E-05	3.54E-03	8.20E-02	0.00E+00	1.11E-10	1.43E-10	1.67E-05	4.25E-07	1.09E-02	0.00E+00	8.20E-02	2.01E-10	8.20E-02	9.29E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.44E-04
MLN510A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN513	1.23E-05	5.56E-03	1.05E-03	4.51E-03	0.00E+00	0.00E+00	6.51E-02	6.18E-08	5.99E-06	3.72E-05	0.00E+00	1.10E-04	4.98E-10	1.45E-11	6.72E-04	1.20E-05	3.70E-04	0.00E+00	7.83E-06	1.85E-03	4.28E-02	0.00E+00	5.79E-11	7.49E-11	8.70E-06	2.22E-07	5.71E-03	0.00E+00	4.28E-02	1.05E-10	4.28E-02	4.85E-02	5.71E-03	0.00E+00	0.00E+00	0.00E+00	3.36E-04
MLN513A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN516A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN520	3.27E-05	1.44E-02	2.71E-03	1.17E-02	0.00E+00	0.00E+00	1.68E-01	1.60E-07	1.55E-05	9.63E-05	0.00E+00	2.84E-04	1.29E-09	3.76E-11	1.74E-03	3.11E-05	9.60E-04	0.00E+00	2.03E-05	4.79E-03	1.11E-01	0.00E+00	1.50E-10	1.94E-10	2.25E-05	5.74E-07	1.48E-02	0.00E+00	1.11E-01	2.72E-10	1.11E-01	1.25E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.70E-04
MLN520A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN525	1.24E-05	5.63E-03	1.06E-03	4.57E-03	0.00E+00	0.00E+00	6.58E-02	6.25E-08	6.06E-06	3.76E-05	0.00E+00	1.11E-04	5.03E-10	1.47E-11	6.79E-04	1.22E-05	3.75E-04	0.00E+00	7.92E-06	1.87E-03	4.33E-02	0.00E+00	5.85E-11	7.58E-11	8.80E-06	2.24E-07	5.78E-03	0.00E+00	4.33E-02	1.06E-10	4.33E-02	4.91E-02	5.78E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
MLN525A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLN532	3.15E-05	1.39E-02	2.61E-03	1.13E-02	0.00E+00	0.00E+00	1.62E-01	1.54E-07	1.49E-05	9.28E-05	0.00E+00	2.74E-04	1.24E-09	3.62E-11	1.67E-03	3.00E-05	9.25E-04	0.00E+00	1.95E-05	4.61E-03	1.07E-01	0.00E+00	1.44E-10	1.87E-10	2.17E-05	5.53E-07	1.42E-02	0.00E+00	1.07E-01	2.62E-10	1.07E-01	1.21E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.39E-04
MLN532A	3.60E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.85E-01	1.76E-07	1.70E-05	1.06E-04	0.00E+00	3.12E-04	1.41E-09	4.13E-11	1.91E-03	3.42E-05	1.05E-03	0.00E+00	2.22E-05	5.25E-03	1.22E-01	0.00E+00	1.64E-10	2.13E-10	2.47E-05	6.30E-07	1.62E-02	0.00E+00	1.22E-01	2.98E-10	1.22E-01	1.38E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.55E-04
MLN540	2.85E-05	1.26E-02	2.36E-03	1.02E-02	0.00E+00	0.00E+00	1.47E-01	1.40E-07	1.35E-05	8.40E-05	0.00E+00	2.48E-04	1.12E-09	3.28E-11	1.52E-03	2.71E-05	8.37E-04	0.00E+00	1.77E-05	4.17E-03	9.66E-02	0.00E+00	1.31E-10	1.69E-10	1.96E-05	5.01E-07	1.29E-02	0.00E+00	9.66E-02	2.37E-10	9.66E-02	1.09E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.59E-04
MLN540A	4.13E-05	1.81E-02	3.40E-03	1.47E-02	0.00E+00	0.00E+00	2.11E-01	2.01E-07	1.94E-05	1.21E-04	0.00E+00	3.57E-04	1.62E-09	4.72E-11	2.18E-03	3.91E-05	1.21E-03	0.00E+00	2.55E-05	6.01E-03	1.39E-01	0.00E+00	1.88E-10	2.43E-10	2.83E-05	7.21E-07	1.85E-02	0.00E+00	1.39E-01	3.41E-10	1.39E-01	1.58E-01	1.85E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
MLN702	1.03E-05	4.76E-03	8.97E-04	3.86E-03	0.00E+00	0.00E+00	5.57E-02	5.29E-08	5.13E-06	3.19E-05	0.00E+00	9.42E-05	4.26E-10	1.25E-11	5.75E-04	1.03E-05	3.17E-04	0.00E+00	6.70E-06	1.58E-03	3.66E-02	0.00E+00	4.95E-11	6.41E-11	7.45E-06	1.90E-07	4.89E-03	0.00E+00	3.66E-02	8.99E-11	3.66E-02	4.15E-02	4.89E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
MLN702A	1.86E-05	8.33E-03	1.57E-03	6.76E-03	0.00E+00	0.00E+00	9.74E-02	9.26E-08	8.97E-06	5.57E-05	0.00E+00	1.65E-04	7.45E-10	2.18E-11	1.01E-03	1.80E-05	5.56E-04	0.00E+00	1.17E-05	2.77E-03	6.41E-02	0.00E+00	8.67E-11	1.12E-10	1.30E-05	3.32E-07	8.55E-03	0.00E+00	6.41E-02	1.57E-10	6.41E-02	7.27E-02	8.55E-03	0.00E+00	0.00E+00	0.00E+00	5.04E-04
MLN706	1.03E-05	4.76E-03	8.97E-04	3.86E-03	0.00E+00	0.00E+00	5.57E-02	5.29E-08	5.13E-06	3.19E-05	0.00E+00	9.42E-05	4.26E-10	1.24E-11	5.75E-04	1.03E-05	3.17E-04	0.00E+00	6.70E-06	1.58E-03	3.66E-02	0.00E+00	4.95E-11	6.41E-11	7.45E-06	1.90E-07	4.89E-03	0.00E+00	3.66E-02	8.98E-11	3.66E-02	4.15E-02	4.89E-03	0.00E+00	0.00E+00	0.00E+00	2.88E-04
MLN706A	3.33E-05	1.47E-02	2.76E-03	1.19E-02	0.00E+00	0.00E+00	1.71E-01	1.63E-07	1.58E-05	9.80E-05	0.00E+00	2.90E-04	1.31E-09	3.83E-11	1.77E-03	3.17E-05	9.78E-04	0.00E+00	2.06E-05	4.87E-03	1.13E-01	0.00E+00	1.52E-10	1.97E-10	2.29E-05	5.84E-07	1.50E-02	0.00E+00	1.13E-01	2.76E-10	1.13E-01	1.28E-01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	8.86E-04
MLN710	1.11E-05	5.18E-03	9.75E-04	4.20E-03	0.00E+00	0.00E+00	6.06E-02	5.75E-08	5.57E-06	3.46E-05	0.00E+00	1.02E-04	4.63E-10	1.35E-11	6.25E-04	1.12E-05	3.45E-04	0.00E+00	7.29E-06	1.72E-03	3.98E-02	0.00E+00	5.38E-11	6.97E-11	8.10E-06	2.06E-07	5.31E-03	0.00E+00	3.98E-02	9.77E-11	3.98E-02	4.51E-02	5.31E-03	0.00E+00	0.00E+00	0.00E+00	3.13E-04
MLN710A	3.30E-05	1.46E-02	2.75E-03	1.19E-02	0.00E+00	0.00E+00	1.71E-01	1.62E-07	1.57E-05	9.77E-05	0.00E+00	2.89E-04	1.31E-09	3.82E-11	1.76E-03	3.16E-05	9.75E-04	0.00E+00	2.06E-05	4.86E-03	1.12E-01	0.00E+00	1.52E-10	1.97E-10	2.28E-05	5.83E-07	1.50E-02	0.00E+00	1.12E-01	2.76E-10	1.12E-01	1.27E-01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	8.83E-04
MLN716	1.07E-05	5.00E-03	9.43E-04	4.06E-03	0.00E+00	0.00E+00	5.85E-02	5.56E-08	5.39E-06	3.35E-05	0.00E+00	9.90E-05	4.48E-10	1.31E-11	6.04E-04	1.08E-05	3.33E-04	0.00E+00	7.04E-06	1.66E-03	3.85E-02	0.00E+00	5.21E-11	6.74E-11	7.83E-06	2.00E-07	5.14E-03	0.00E+00	3.85E-02	9.44E-11	3.85E-02	4.36E-02	5.14E-03	0.00E+00	0.00E+00	0.00E+00	3.02E-04
MLN716A	3.25E-05	1.44E-02	2.71E-03	1.17E-02	0.00E+00	0.00E+00	1.68E-01	1.60E-07	1.55E-05	9.63E-05	0.00E+00	2.85E-04	1.29E-09	3.76E-11	1.74E-03	3.11E-05	9.61E-04	0.00E+00	2.03E-05	4.79E-03	1.11E-01	0.00E+00	1.50E-10	1.94E-10	2.25E-05	5.74E-07	1.48E-02	0.00E+00	1.11E-01	2.72E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.71E-04
MLN720	1.05E-05	4.91E-03	9.26E-04	3.99E-03	0.00E+00	0.00E+00	5.75E-02	5.46E-08	5.29E-06	3.29E-05	0.00E+00	9.72E-05	4.40E-10	1.28E-11	5.93E-04	1.06E-05	3.27E-04	0.00E+00	6.92E-06	1.63E-03	3.78E-02	0.00E+00	5.11E-11	6.62E-11	7.69E-06	1.96E-07	5.04E-03	0.00E+00	3.78E-02	9.27E-11	3.78E-02	4.29E-02	5.04E-03	0.00E+00	0.00E+00	0.00E+00	2.97E-04
MLN720A	3.85E-05	1.70E-02	3.20E-03	1.38E-02	0.00E+00	0.00E+00	1.99E-01	1.89E-07	1.83E-05	1.14E-04	0.00E+00	3.36E-04	1.52E-09	4.44E-11	2.05E-03	3.67E-05	1.13E-03	0.00E+00	2.39E-05	5.65E-03	1.31E-01	0.00E+00	1.77E-10	2.29E-10	2.66E-05	6.77E-07	1.74E-02	0.00E+00	1.31E-01	3.21E-10	1.31E-01	1.48E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
MLN725	8.68E-06	4.20E-03	7.92E-04	3.41E-03	0.00E+00	0.00E+00	4.92E-02	4.67E-08	4.52E-06	2.81E-05	0.00E+00	8.31E-05	3.76E-10	1.10E-11	5.07E-04	9.10E-06	2.80E-04	0.00E+00	5.91E-06	1.40E-03	3.23E-02	0.00E+00	4.37E-11	5.66E-11	6.57E-06	1.68E-07	4.31E-03	0.00E+00	3.23E-02	7.93E-11	3.23E-02	3.67E-02	4.31E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
MLN725A	3.13E-05	1.40E-02	2.63E-03	1.13E-02	0.00E+00	0.00E+00	1.63E-01	1.55E-07	1.50E-05	9.34E-05	0.00E+00	2.76E-04	1.25E-09	3.65E-11	1.69E-03	3.02E-05	9.31E-04	0.00E+00	1.97E-05	4.64E-03	1.07E-01	0.00E+00	1.45E-10	1.88E-10	2.18E-05	5.57E-07	1.43E-02	0.00E+00	1.07E-01	2.63E-10	1.07E-01	1.22E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	8.44E-04
MLN732	1.20E-05	5.63E-03	1.06E-03	4.57E-03	0.00E+00	0.00E+00	6.58E-02	6.26E-08	6.06E-06	3.77E-05	0.00E+00	1.11E-04	5.03E-10	1.47E-11	6.79E-04	1.22E-05	3.75E-04	0.00E+00	7.92E-06	1.87E-03	4.33E-02	0.00E+00	5.85E-11	7.58E-11	8.80E-06	2.24E-07	5.78E-03	0.00E+00	4.33E-02	1.06E-10	4.33E-02	4.91E-02	5.78E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
MLN732A	4.52E-05	1.99E-02	3.75E-03	1.62E-02	0.00E+00	0.00E+00	2.33E-01	2.21E-07	2.14E-05	1.33E-04	0.00E+00	3.94E-04	1.78E-09	5.20E-11	2.40E-03	4.31E-05	1.33E-03	0.00E+00	2.80E-05	6.62E-03	1.53E-01	0.00E+00	2.07E-10	2.68E-10	3.11E-05	7.94E-07	2.04E-02	0.00E+00	1.53E-01	3.76E-10	1.53E-01	1.74E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MLN740A	4.72E-05	2.08E-02	3.91E-03	1.69E-02	0.00E+00	0.00E+00	2.43E-01	2.31E-07	2.24E-05	1.39E-04	0.00E+00	4.11E-04	1.86E-09	5.43E-11	2.51E-03	4.49E-05	1.39E-03	0.00E+00	2.93E-05	6.91E-03	1.60E-01	0.00E+00	2.16E-10	2.80E-10	3.25E-05	8.29E-07	2.13E-02	0.00E+00	1.60E-01	3.92E-10	1.60E-01	1.81E-01	2.13E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
MLS506	1.80E-05	8.00E-03	1.51E-03	6.49E-03	0.00E+00	0.00E+00	9.36E-02	8.89E-08	8.61E-06	5.35E-05	0.00E+00	1.58E-04	7.16E-10	2.09E-11	9.66E-04	1.73E-05	5.33E-04	0.00E+00	1.13E-05	2.66E-03	6.16E-02	0.00E+00	8.32E-11	1.08E-10	1.25E-05	3.19E-07	8.21E-03	0.00E+00	6.16E-02	1.51E-10	6.16E-02	6.98E-02	8.21E-03	0.00E+00	0.00E+00	0.00E+00	4.84E-04
MLS510	2.19E-05	9.74E-03	1.83E-03	7.91E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.52E-05	0.00E+00	1.93E-04	8.71E-10	2.55E-11	1.18E-03	2.11E-05	6.50E-04	0.00E+00	1.37E-05	3.24E-03	7.49E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	1.00E-02	0.00E+00	7.49E-02	1.84E-10	7.49E-02	8.49E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	5.89E-04
MLS513	1.92E-05	8.53E-03	1.61E-03	6.93E-03	0.00E+00	0.00E+00	9.98E-02	9.48E-08	9.18E-06	5.71E-05	0.00E+00	1.69E-04	7.63E-10	2.23E-11	1.03E-03	1.85E-05	5.69E-04	0.00E+00	1.20E-05	2.84E-03	6.56E-02	0.00E+00	8.87E-11	1.15E-10	1.33E-05	3.40E-07	8.76E-03	0.00E+00	6.56E-02	1.61E-10	6.56E-02	7.44E-02	8.76E-03	0.00E+00	0.00E+00	0.00E+00	5.16E-04
MLS516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU502	3.22E-05	1.44E-02	2.71E-03	1.17E-02	0.00E+00	0.00E+00	1.68E-01	1.60E-07	1.55E-05	9.63E-05	0.00E+00	2.85E-04	1.29E-09	3.76E-11	1.74E-03	3.11E-05	9.61E-04	0.00E+00	2.03E-05	4.79E-03	1.11E-01	0.00E+00	1.50E-10	1.94E-10	2.25E-05	5.74E-07	1.48E-02	0.00E+00	1.11E-01	2.72E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.71E-04
MLU506	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU510	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU516	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU520	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU525	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU532	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MLU540	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
MMN313	4.68E-05	2.08E-02	3.92E-03	1.69E-02	0.00E+00	0.00E+00	2.43E-01	2.31E-07	2.24E-05	1.39E-04	0.00E+00	4.11E-04	1.86E-09	5.44E-11	2.51E-03	4.50E-05	1.39E-03	0.00E+00	2.93E-05	6.92E-03	1.60E-01	0.00E+00	2.16E-10	2.80E-10	3.25E-05	8.30E-07	2.14E-02	0.00E+00	1.60E-01	3.93E-10	1.60E-01	1.81E-01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
MMN404	1.38E-04	5.98E-02	1.13E-02	4.85E-02	0.00E+00	0.00E+00	6.99E-01	6.65E-07	6.43E-05	4.00E-04	0.00E+00	1.18E-03	5.35E-09	1.56E-10	7.22E-03	1.29E-04	3.99E-03	0.00E+00	8.42E-05	1.99E-02	4.60E-01	0.00E+00	6.22E-10	8.05E-10	9.35E-05	2.39E-06	6.14E-02	0.00E+00	4.60E-01	1.13E-09	4.60E-01	5.21E-01	6.14E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
MN120V	1.23E-05	5.57E-03	1.05E-03	4.52E-03	0.00E+00	0.00E+00	6.52E-02	6.20E-08	6.00E-06	3.73E-05	0.00E+00	1.10E-04	4.99E-10	1.46E-11	6.73E-04	1.21E-05	3.71E-04	0.00E+00	7.85E-06	1.85E-03	4.29E-02	0.00E+00	5.80E-11	7.50E-11	8.72E-06	2.22E-07	5.72E-03	0.00E+00	4.29E-02	1.05E-10	4.29E-02	4.86E-02	5.72E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MN132Z	2.78E-05	1.22E-02	2.30E-03	9.91E-03	0.00E+00	0.00E+00	1.43E-01	1.36E-07	1.31E-05	8.17E-05	0.00E+00	2.41E-04	1.09E-09	3.19E-11	1.47E-03	2.64E-05	8.15E-04	0.00E+00	1.72E-05	4.06E-03	9.39E-02	0.00E+00	1.27E-10	1.64E-10	1.91E-05	4.87E-07	1.25E-02	0.00E+00	9.39E-02	2.30E-10	9.39E-02	1.06E-01	1.25E-02	0.00E+00	0.00E+00	0.00E+00	7.38E-04

MN140Z	2.48E-05	1.09E-02	2.05E-03	8.86E-03	0.00E+00	0.00E+00	1.28E-01	1.21E-07	1.17E-05	7.30E-05	0.00E+00	2.16E-04	9.76E-10	2.85E-11	1.32E-03	2.36E-05	7.28E-04	0.00E+00	1.54E-05	3.63E-03	8.40E-02	0.00E+00	1.13E-10	1.47E-10	1.71E-05	4.35E-07	1.12E-02	0.00E+00	8.40E-02	2.06E-10	8.40E-02	9.52E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.60E-04
MN150Z	2.35E-05	1.03E-02	1.94E-03	8.37E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.90E-05	0.00E+00	2.04E-04	9.23E-10	2.70E-11	1.25E-03	2.23E-05	6.88E-04	0.00E+00	1.45E-05	3.43E-03	7.94E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.11E-07	1.06E-02	0.00E+00	7.94E-02	1.95E-10	7.94E-02	8.99E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.24E-04
MN163Z	2.69E-05	1.18E-02	2.21E-03	9.54E-03	0.00E+00	0.00E+00	1.37E-01	1.31E-07	1.27E-05	7.86E-05	0.00E+00	2.32E-04	1.05E-09	3.07E-11	1.42E-03	2.54E-05	7.85E-04	0.00E+00	1.66E-05	3.91E-03	9.04E-02	0.00E+00	1.22E-10	1.58E-10	1.84E-05	4.69E-07	1.21E-02	0.00E+00	9.04E-02	2.22E-10	9.04E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.11E-04
MN206V	1.84E-05	8.38E-03	1.58E-03	6.80E-03	0.00E+00	0.00E+00	9.80E-02	9.31E-08	9.02E-06	5.61E-05	0.00E+00	1.66E-04	7.50E-10	2.19E-11	1.01E-03	1.81E-05	5.58E-04	0.00E+00	1.18E-05	2.78E-03	6.45E-02	0.00E+00	8.71E-11	1.13E-10	1.31E-05	3.34E-07	8.60E-03	0.00E+00	6.45E-02	1.58E-10	6.45E-02	7.31E-02	8.60E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-04
MN210V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN210V33	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN216V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN216V33	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN220V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN220V33	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN225V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN225V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN225Z	2.54E-05	1.14E-02	2.16E-03	9.29E-03	0.00E+00	0.00E+00	1.34E-01	1.27E-07	1.23E-05	7.66E-05	0.00E+00	2.26E-04	1.02E-09	2.99E-11	1.38E-03	2.48E-05	7.63E-04	0.00E+00	1.61E-05	3.81E-03	8.81E-02	0.00E+00	1.19E-10	1.54E-10	1.79E-05	4.57E-07	1.17E-02	0.00E+00	8.81E-02	2.16E-10	8.81E-02	9.98E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.92E-04
MN232V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN232V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN232Z	3.84E-05	1.70E-02	3.20E-03	1.38E-02	0.00E+00	0.00E+00	1.99E-01	1.89E-07	1.83E-05	1.14E-04	0.00E+00	3.36E-04	1.52E-09	4.45E-11	2.06E-03	3.68E-05	1.14E-03	0.00E+00	2.40E-05	5.66E-03	1.31E-01	0.00E+00	1.77E-10	2.29E-10	2.66E-05	6.79E-07	1.75E-02	0.00E+00	1.31E-01	3.21E-10	1.31E-01	1.48E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
MN240V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN240V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN250Z	1.34E-05	6.20E-03	1.17E-03	5.03E-03	0.00E+00	0.00E+00	7.25E-02	6.89E-08	6.68E-06	4.15E-05	0.00E+00	1.23E-04	5.55E-10	1.62E-11	7.48E-04	1.34E-05	4.12E-04	0.00E+00	8.72E-06	2.06E-03	4.77E-02	0.00E+00	6.45E-11	8.35E-11	9.70E-06	2.47E-07	6.36E-03	0.00E+00	4.77E-02	1.17E-10	4.77E-02	5.41E-02	6.36E-03	0.00E+00	0.00E+00	0.00E+00	3.75E-04
MN263Z	1.93E-05	8.78E-03	1.65E-03	7.12E-03	0.00E+00	0.00E+00	1.03E-01	9.76E-08	9.45E-06	5.87E-05	0.00E+00	1.74E-04	7.85E-10	2.29E-11	1.06E-03	1.90E-05	5.84E-04	0.00E+00	1.24E-05	2.92E-03	6.75E-02	0.00E+00	9.13E-11	1.18E-10	1.37E-05	3.50E-07	9.01E-03	0.00E+00	6.75E-02	1.66E-10	6.75E-02	7.65E-02	9.01E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
MN306Z	2.61E-05	1.19E-02	2.25E-03	9.67E-03	0.00E+00	0.00E+00	1.39E-01	1.33E-07	1.28E-05	7.98E-05	0.00E+00	2.36E-04	1.07E-09	3.12E-11	1.44E-03	2.58E-05	7.93E-04	0.00E+00	1.68E-05	3.96E-03	9.17E-02	0.00E+00	1.24E-10	1.61E-10	1.86E-05	4.75E-07	1.22E-02	0.00E+00	9.17E-02	2.25E-10	9.17E-02	1.04E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.20E-04
MN310Z	2.69E-05	1.23E-02	2.32E-03	9.98E-03	0.00E+00	0.00E+00	1.44E-01	1.37E-07	1.32E-05	8.23E-05	0.00E+00	2.43E-04	1.10E-09	3.22E-11	1.48E-03	2.66E-05	8.18E-04	0.00E+00	1.73E-05	4.09E-03	9.46E-02	0.00E+00	1.28E-10	1.66E-10	1.92E-05	4.90E-07	1.26E-02	0.00E+00	9.46E-02	2.32E-10	9.46E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.43E-04
MN320Z	2.59E-05	1.19E-02	2.24E-03	9.63E-03	0.00E+00	0.00E+00	1.39E-01	1.32E-07	1.28E-05	7.94E-05	0.00E+00	2.35E-04	1.06E-09	3.10E-11	1.43E-03	2.57E-05	7.90E-04	0.00E+00	1.67E-05	3.94E-03	9.13E-02	0.00E+00	1.23E-10	1.60E-10	1.86E-05	4.73E-07	1.22E-02	0.00E+00	9.13E-02	2.24E-10	9.13E-02	1.03E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.17E-04
MN332Z	5.59E-05	2.48E-02	4.67E-03	2.01E-02	0.00E+00	0.00E+00	2.90E-01	2.76E-07	2.67E-05	1.66E-04	0.00E+00	4.90E-04	2.22E-09	6.48E-11	2.99E-03	5.36E-05	1.65E-03	0.00E+00	3.49E-05	8.24E-03	1.91E-01	0.00E+00	2.58E-10	3.34E-10	3.88E-05	9.89E-07	2.54E-02	0.00E+00	1.91E-01	4.68E-10	1.91E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MN340Z	3.17E-05	1.44E-02	2.71E-03	1.17E-02	0.00E+00	0.00E+00	1.68E-01	1.60E-07	1.55E-05	9.64E-05	0.00E+00	2.85E-04	1.29E-09	3.77E-11	1.74E-03	3.12E-05	9.59E-04	0.00E+00	2.03E-05	4.79E-03	1.11E-01	0.00E+00	1.50E-10	1.94E-10	2.25E-05	5.75E-07	1.48E-02	0.00E+00	1.11E-01	2.72E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.71E-04
MN363Z	3.03E-05	1.38E-02	2.60E-03	1.12E-02	0.00E+00	0.00E+00	1.61E-01	1.53E-07	1.48E-05	9.22E-05	0.00E+00	2.73E-04	1.23E-09	3.60E-11	1.66E-03	2.98E-05	9.18E-04	0.00E+00	1.94E-05	4.58E-03	1.06E-01	0.00E+00	1.43E-10	1.86E-10	2.16E-05	5.50E-07	1.41E-02	0.00E+00	1.06E-01	2.60E-10	1.06E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.33E-04
MN463Z	5.15E-05	2.32E-02	4.36E-03	1.88E-02	0.00E+00	0.00E+00	2.71E-01	2.58E-07	2.49E-05	1.55E-04	0.00E+00	4.58E-04	2.07E-09	6.06E-11	2.80E-03	5.01E-05	1.54E-03	0.00E+00	3.26E-05	7.70E-03	1.78E-01	0.00E+00	2.41E-10	3.12E-10	3.62E-05	9.24E-07	2.38E-02	0.00E+00	1.78E-01	4.37E-10	1.78E-01	2.02E-01	2.38E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
MN506V	2.18E-05	9.86E-03	1.86E-03	8.00E-03	0.00E+00	0.00E+00	1.15E-01	1.10E-07	1.06E-05	6.60E-05	0.00E+00	1.95E-04	8.82E-10	2.58E-11	1.19E-03	2.13E-05	6.56E-04	0.00E+00	1.39E-05	3.28E-03	7.58E-02	0.00E+00	1.03E-10	1.33E-10	1.54E-05	3.93E-07	1.01E-02	0.00E+00	7.58E-02	1.86E-10	7.58E-02	8.60E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.96E-04
MN510V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN510V33	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN516V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN516V33	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN520V	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN520V33	4.40E-05	1.95E-02	3.68E-03	1.59E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.31E-04	0.00E+00	3.86E-04	1.75E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.79E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MN525V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN525V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN532V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN532V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN540V	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN540V1	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MN906V	1.85E-05	8.23E-03	1.55E-03	6.68E-03	0.00E+00	0.00E+00	9.63E-02	9.15E-08	8.86E-06	5.51E-05	0.00E+00	1.63E-04	7.37E-10	2.15E-11	9.94E-04	1.78E-05	5.49E-04	0.00E+00	1.16E-05	2.74E-03	6.34E-02	0.00E+00	8.56E-11	1.11E-10	1.29E-05	3.28E-07	8.45E-03	0.00E+00	6.34E-02	1.55E-10	6.34E-02	7.18E-02	8.45E-03	0.00E+00	0.00E+00	0.00E+00	4.98E-04
MN910V	2.18E-05	9.66E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.64E-10	2.53E-11	1.17E-03	2.09E-05	6.44E-04	0.00E+00	1.36E-05	3.21E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.85E-07	9.92E-03	0.00E+00	7.43E-02	1.82E-10	7.43E-02	8.42E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MN916V	2.18E-05	9.66E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.64E-10	2.53E-11	1.17E-03	2.09E-05	6.44E-04	0.00E+00	1.36E-05	3.21E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.85E-07	9.92E-03	0.00E+00	7.43E-02	1.82E-10	7.43E-02	8.42E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MN920V	2.18E-05	9.66E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.64E-10	2.53E-11	1.17E-03	2.09E-05	6.44E-04	0.00E+00	1.36E-05	3.21E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.85E-07	9.92E-03	0.00E+00	7.43E-02	1.82E-10	7.43E-02	8.42E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MN925V	2.18E-05	9.66E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.64E-10	2.53E-11	1.17E-03	2.09E-05	6.44E-04	0.00E+00	1.36E-05	3.21E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.85E-07	9.92E-03	0.00E+00	7.43E-02	1.82E-10	7.43E-02	8.42E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MN932V	2.18E-05	9.66E-03	1.82E-03	7.84E-03	0.00E+00	0.00E+00	1.13E-01	1.07E-07	1.04E-05	6.46E-05	0.00E+00	1.91E-04	8.64E-10	2.53E-11	1.17E-03	2.09E-05	6.44E-04	0.00E+00	1.36E-05	3.21E-03	7.43E-02	0.00E+00	1.00E-10	1.30E-10	1.51E-05	3.85E-07	9.92E-03	0.00E+00	7.43E-02	1.82E-10	7.43E-02	8.42E-02	9.92E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04
MN940V	2.25E-05	9.99E-03	1.88E-03	8.11E-03	0.00E+00	0.00E+00	1.17E-01	1.11E-07	1.07E-05	6.68E-05	0.00E+00	1.97E-04	8.93E-10	2.61E-11	1.21E-03	2.16E-05	6.66E-04	0.00E+00	1.41E-05	3.32E-03	7.68E-02	0.00E+00	1.04E-10	1.34E-10	1.56E-05	3.98E-07	1.03E-02	0.00E+00	7.68E-02	1.88E-10	7.68E-02	8.71E-02	1.03E-02	0.00E+00	0.00E+00	0.00E+00	6.04E-04
MR110	9.09E-06	4.26E-03	8.02E-04	3.45E-03	0.00E+00	0.00E+00	4.98E-02	4.73E-08	4.58E-06	2.85E-05	0.00E+00	8.42E-05	3.81E-10	1.11E-11	5.14E-04	9.22E-06	2.83E-04	0.00E+00	5.99E-06	1.41E-03	3.28E-02	0.00E+00	4.43E-11	5.73E-11	6.66E-06	1.70E-07	4.37E-03	0.00E+00	3.28E-02	8.03E-11	3.28E-02	3.71E-02	4.37E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MR116	9.06E-06	4.26E-03	8.02E-04	3.46E-03	0.00E+00	0.00E+00	4.98E-02	4.73E-08	4.59E-06	2.85E-05	0.00E+00	8.42E-05	3.81E-10	1.11E-11	5.14E-04	9.22E-06	2.83E-04	0.00E+00	5.99E-06	1.42E-03	3.28E-02	0.00E+00	4.43E-11	5.74E-11	6.66E-06	1.70E-07	4.37E-03	0.00E+00	3.28E-02	8.04E-11	3.28E-02	3.71E-02	4.37E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MR120	6.20E-06	2.96E-03	5.58E-04	2.40E-03	0.00E+00	0.00E+00	3.46E-02	3.29E-08	3.19E-06	1.98E-05	0.00E+00	5.85E-05	2.65E-10	7.74E-12	3.57E-04	6.41E-06	1.96E-04	0.00E+00	4.16E-06	9.82E-04	2.28E-02	0.00E+00	3.08E-11	3.98E-11	4.63E-06	1.18E-07	3.04E-03	0.00E+00	2.28E-02	5.58E-11	2.28E-02	2.58E-02	3.04E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04
MR132	9.24E-06	4.25E-03	8.01E-04	3.45E-03	0.00E+00	0.00E+00	4.97E-02	4.73E-08	4.58E-06	2.84E-05	0.00E+00	8.41E-05	3.80E-10	1.11E-11	5.13E-04	9.20E-06	2.83E-04	0.00E+00	5.98E-06	1.41E-03	3.27E-02	0.00E+00	4.42E-11	5.72E-11	6.65E-06	1.70E-07	4.36E-03	0.00E+00	3.27E-02	8.02E-11	3.27E-02	3.71E-02	4.36E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
MR210	2.14E-05	9.81E-03	1.85E-03	7.96E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.56E-05	0.00E+00	1.94E-04	8.78E-10	2.56E-11	1.18E-03	2.12E-05	6.53E-04	0.00E+00	1.38E-05	3.26E-03	7.55E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	3.91E-07	1.01E-02	0.00E+00	7.55E-02	1.85E-10	7.55E-02	8.55E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.93E-04
MR216	1.84E-05	8.51E-03	1.60E-03	6.91E-03	0.00E+00	0.00E+00	9.96E-02	9.46E-08	9.16E-06	5.69E-05	0.00E+00	1.68E-04	7.62E-10	2.23E-11	1.03E-03	1.84E-05	5.66E-04	0.00E+00	1.20E-05	2.83E-03	6.55E-02	0.00E+00	8.85E-11	1.15E-10	1.33E-05	3.39E-07	8.74E-03	0.00E+00	6.55E-02	1.61E-10	6.55E-02	7.42E-02	8.74E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-04
MR220	1.55E-05	7.21E-03	1.36E-03	5.85E-03	0.00E+00	0.00E+00	8.44E-02	8.02E-08	7.77E-06	4.83E-05	0.00E+00	1.43E-04	6.46E-10	1.89E-11	8.70E-04	1.56E-05	4.79E-04	0.00E+00	1.01E-05	2.40E-03	5.55E-02	0.00E+00	7.50E-11	9.71E-11	1.13E-05	2.88E-07	7.40E-03	0.00E+00	5.55E-02	1.36E-10	5.55E-02	6.29E-02	7.40E-03	0.00E+00	0.00E+00	0.00E+00	4.36E-04
MR232	4.83E-05	2.13E-02	4.01E-03	1.73E-02	0.00E+00	0.00E+00	2.49E-01	2.36E-07	2.29E-05	1.42E-04	0.00E+00	4.21E-04	1.90E-09	5.56E-11	2.57E-03	4.60E-05	1.42E-03	0.00E+00	3.00E-05	7.07E-03	1.64E-01	0.00E+00	2.21E-10	2.86E-10	3.33E-05	8.49E-07	2.18E-02	0.00E+00	1.64E-01	4.02E-10	1.64E-01	1.86E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
MR240	5.12E-05	2.26E-02	4.25E-03	1.83E-02	0.00E+00	0.00E+00	2.64E-01	2.51E-07	2.43E-05	1.51E-04	0.00E+00	4.46E-04	2.02E-09	5.90E-11	2.73E-03	4.88E-05	1.51E-03	0.00E+00	3.18E-05	7.51E-03	1.74E-01	0.00E+00	2.35E-10	3.04E-10	3.53E-05	9.00E-07	2.32E-02	0.00E+00	1.74E-01	4.26E-10	1.74E-01	1.97E-01	2.32E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
MR263	5.09E-05	2.24E-02	4.23E-03	1.82E-02	0.00E+00	0.00E+00	2.62E-01	2.49E-07	2.42E-05	1.50E-04	0.00E+00	4.44E-04	2.01E-09	5.87E-11	2.71E-03	4.86E-05	1.50E-03	0.00E+00	3.16E-05	7.46E-03	1.73E-01	0.00E+00	2.33E-10	3.02E-10	3.51E-05	8.95E-07	2.30E-02	0.00E+00	1.73E-01	4.24E-10	1.73E-01	1.96E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
MR310	3.07E-05	1.41E-02	2.65E-03	1.14E-02	0.00E+00	0.00E+00	1.64E-01	1.56E-07	1.51E-05	9.41E-05	0.00E+00	2.78E-04	1.26E-09	3.68E-11	1.70E-03	3.04E-05	9.36E-04	0.00E+00	1.98E-05	4.67E-03	1.08E-01	0.00E+00	1.46E-10	1.89E-10	2.20E-05	5.61E-07	1.44E-02	0.00E+00	1.08E-01	2.65E-10	1.08E-01	1.23E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	8.50E-04
MR316	3.37E-05	1.54E-02	2.89E-03	1.25E-02	0.00E+00	0.00E+00	1.80E-01	1.71E-07	1.65E-05	1.03E-04	0.00E+00	3.04E-04	1.37E-09	4.02E-11	1.85E-03	3.32E-05	1.02E-03	0.00E+00	2.16E-05	5.10E-03	1.18E-01	0.00E+00	1.60E-10	2.07E-10	2.40E-05	6.13E-07	1.58E-02	0.00E+00	1.18E-01	2.90E-10	1.18E-01	1.34E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	9.28E-04
MR320	2.48E-05	1.15E-02	2.16E-03	9.30E-03	0.00E+00	0.00E+00	1.34E-01	1.27E-07	1.23E-05	7.67E-05	0.00E+00	2.27E-04	1.03E-09	3.00E-11	1.38E-03	2.48E-05	7.62E-04	0.00E+00	1.61E-05	3.81E-03	8.82E-02	0.00E+00	1.19E-10	1.54E-10	1.79E-05	4.57E-07	1.18E-02	0.00E+00	8.82E-02	2.16E-10	8.82E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.93E-04
MR325	5.80E-05	2.57E-02	4.84E-03	2.09E-02	0.00E+00	0.00E+00	3.01E-01	2.86E-07	2.77E-05	1.72E-04	0.00E+00	5.09E-04	2.30E-09	6.72E-11	3.11E-03	5.57E-05	1.72E-03	0.00E+00	3.62E-05	8.55E-03	1.98E-01	0.00E+00	2.68E-10	3.46E-10	4.02E-05	1.03E-06	2.64E-02	0.00E+00	1.98E-01	4.85E-10	1.98E-01	2.24E-01	2.64E-02	0.00E+00	0.00E+00	0.00E+00	1.56E-03
MR332	2.48E-05	1.14E-02	2.16E-03	9.29E-03	0.00E+00	0.00E+00	1.34E-01	1.27E-07	1.23E-05	7.66E-05	0.00E+00	2.26E-04	1.02E-09	2.99E-11	1.38E-03	2.48E-05	7.61E-04	0.00E+00	1.61E-05	3.80E-03	8.81E-02	0.00E+00	1.19E-10	1.54E-10	1.79E-05	4.57E-07	1.18E-02	0.00E+00	8.81E-02	2.16E-10	8.81E-02	9.98E-02	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.92E-04
MR340	2.76E-05	1.27E-02	2.40E-03	1.03E-02	0.00E+00	0.00E+00	1.49E-01	1.42E-07	1.37E-05	8.53E-05	0.00E+00	2.52E-04	1.14E-09	3.33E-11	1.54E-03	2.76E-05	8.48E-04	0.00E+00	1.79E-05	4.23E-03	9.80E-02	0.00E+00	1.33E-10	1.72E-10	1.99E-05	5.08E-07	1.31E-02	0.00E+00	9.80E-02	2.40E-10	9.80E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.70E-04
MS110	6.06E-06	2.96E-03	5.57E-04	2.40E-03	0.00E+00	0.00E+00	3.46E-02	3.29E-08	3.18E-06	1.98E-05	0.00E+00	5.85E-05	2.65E-10	7.73E-12	3.57E-04	6.40E-06	1.96E-04	0.00E+00	4.16E-06	9.82E-04	2.28E-02	0.00E+00	3.08E-11	3.98E-11	4.63E-06	1.18E-07	3.04E-03	0.00E+00	2.28E-02	5.58E-11	2.28E-02	2.58E-02	3.04E-03	0.00E+00	0.00E+00	0.00E+00	1.79E-04
MS120	1.22E-05	5.55E-03	1.05E-03	4.50E-03	0.00E+00	0.00E+00	6.49E-02	6.17E-08	5.97E-06	3.71E-05	0.00E+00	1.10E-04	4.96E-10	1.45E-11	6.70E-04	1.20E-05	3.69E-04	0.00E+00	7.81E-06	1.84E-03	4.27E-02	0.00E+00	5.77E-11	7.47E-11	8.68E-06	2.21E-07	5.70E-03	0.00E+00	4.27E-02	1.05E-10	4.27E-02	4.84E-02	5.70E-03	0.00E+00	0.00E+00	0.00E+00	3.35E-04
MS232	6.10E-05	2.68E-02	5.04E-03	2.17E-02	0.00E+00	0.00E+00	3.13E-01	2.98E-07	2.88E-05	1.79E-04	0.00E+00	5.29E-04	2.39E-09	7.00E-11	3.23E-03	5.79E-05	1.79E-03	0.00E+00	3.77E-05	8.90E-03	2.06E-01	0.00E+00	2.78E-10	3.60E-10	4.19E-05	1.07E-06	2.75E-02	0.00E+00	2.06E-01	5.05E-10	2.06E-01	2.33E-01	2.75E-02	0.00E+00	0.00E+00	0.00E+00	1.62E-03
MS240	5.00E-05	2.21E-02	4.15E-03	1.79E-02	0.00E+00	0.00E+00	2.58E-01	2.45E-07	2.37E-05	1.48E-04	0.00E+00	4.36E-04	1.97E-09	5.76E-11	2.66E-03	4.77E-05	1.47E-03	0.00E+00	3.11E-05	7.33E-03	1.70E-01	0.00E+00	2.29E-10	2.97E-10	3.45E-05	8.80E-07	2.26E-02	0.00E+00	1.70E-01	4.16E-10	1.70E-01	1.92E-01	2.26E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
MS263	5.02E-05	2.21E-02	4.17E-03	1.80E-02	0.00E+00	0.00E+00	2.59E-01	2.46E-07	2.38E-05	1.48E-04	0.00E+00	4.38E-04	1.98E-09	5.79E-11	2.67E-03	4.79E-05	1.48E-03	0.00E+00	3.12E-05	7.36E-03	1.70E-01	0.00E+00	2.30E-10	2.98E-10	3.46E-05	8.83E-07	2.27E-02	0.00E+00	1.70E-01	4.18E-10	1.70E-01	1.93E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MS310	1.26E-05	6.27E-03	1.18E-03	5.09E-03	0.00E+00	0.00E+00	7.35E-02	6.98E-08	6.76E-06	4.20E-05	0.00E+00	1.24E-04	5.62E-10	1.64E-11	7.57E-04	1.36E-05	4.15E-04	0.00E+00	8.82E-06	2.08E-03	4.83E-02	0.00E+00	6.53E-11	8.45E-11	9.82E-06	2.50E-07	6.44E-03	0.00E+00	4.83E-02	1.18E-10	4.83E-02	5.47E-02	6.44E-03	0.00E+00	0.00E+00	0.00E+00	3.79E-04
MS316	2.76E-05	1.28E-02	2.41E-03	1.04E-02	0.00E+00	0.00E+00	1.49E-01	1.42E-07	1.37E-05	8.54E-05	0.00E+00	2.53E-04	1.14E-09	3.34E-11	1.54E-03	2.76E-05	8.49E-04	0.00E+00	1.80E-05	4.24E-03	9.82E-02	0.00E+00	1.33E-10	1.72E-10	2.00E-05	5.09E-07	1.31E-02	0.00E+00	9.82E-02	2.41E-10	9.82E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.71E-04
MS320	3.38E-05	1.54E-02	2.89E-03	1.25E-02	0.00E+00	0.00E+00	1.80E-01	1.71E-07	1.65E-05	1.03E-04	0.00E+00	3.04E-04	1.37E-09	4.02E-11	1.85E-03	3.32E-05	1.02E-03	0.00E+00	2.16E-05	5.11E-03	1.18E-01	0.00E+00	1.60E-10	2.07E-10	2.40E-05	6.13E-07	1.58E-02	0.00E+00	1.18E-01	2.90E-10	1.18E-01	1.34E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	9.28E-04
MS332	2.78E-05	1.27E-02	2.40E-03	1.03E-02	0.00E+00	0.00E+00	1.49E-01	1.42E-07	1.37E-05	8.53E-05	0.00E+00	2.52E-04	1.14E-09	3.33E-11	1.54E-03	2.76E-05	8.48E-04	0.00E+00	1.79E-05	4.23E-03	9.81E-02	0.00E+00	1.33E-10	1.72E-10	1.99E-05	5.08E-07	1.31E-02	0.00E+00	9.81E-02	2.41E-10	9.81E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.70E-04
MS340	2.46E-05	1.14E-02	2.16E-03	9.28E-03	0.00E+00	0.00E+00	1.34E-01	1.27E-07	1.23E-05	7.66E-05	0.00E+00	2.26E-04	1.02E-09	2.99E-11	1.38E-03	2.48E-05	7.61E-04	0.00E+00	1.61E-05	3.80E-03	8.81E-02	0.00E+00	1.19E-10	1.54E-10	1.79E-05	4.56E-07	1.17E-02	0.00E+00	8.81E-02	2.16E-10	8.81E-02	9.98E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.91E-04
MT106A	4.56E-05	1.99E-02	3.75E-03	1.62E-02	0.00E+00	0.00E+00	2.33E-01	2.21E-07	2.14E-05	1.33E-04	0.00E+00	3.93E-04	1.78E-09	5.20E-11	2.40E-03	4.31E-05	1.33E-03	0.00E+00	2.80E-05	6.62E-03	1.53E-01	0.00E+00	2.07E-10	2.68E-10	3.11E-05	7.94E-07	2.04E-02	0.00E+00	1.53E-01	3.76E-10	1.53E-01	1.74E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MT110A	8.68E-06	3.98E-03	7.50E-04	3.23E-03	0.00E+00	0.00E+00	4.66E-02	4.42E-08	4.28E-06	2.66E-05	0.00E+00	7.87E-05	3.56E-10	1.04E-11	4.80E-04	8.61E-06	2.65E-04	0.00E+00	5.60E-06	1.32E-03	3.06E-02	0.00E+00	4.14E-11	5.36E-11	6.22E-06	1.59E-07	4.09E-03	0.00E+00	3.06E-02	7.51E-11	3.06E-02	3.47E-02	4.09E-03	0.00E+00	0.00E+00	0.00E+00	2.41E-04
MT116A	1.32E-05	5.88E-03	1.11E-03	4.77E-03	0.00E+00	0.00E+00	6.88E-02	6.54E-08	6.33E-06	3.94E-05	0.00E+00	1.16E-04	5.26E-10	1.54E-11	7.10E-04	1.27E-05	3.92E-04	0.00E+00	8.28E-06	1.96E-03	4.53E-02	0.00E+00	6.12E-11	7.92E-11	9.20E-06	2.35E-07	6.04E-03	0.00E+00	4.53E-02	1.11E-10	4.53E-02	5.13E-02	6.04E-03	0.00E+00	0.00E+00	0.00E+00	3.56E-04
MT120A	9.79E-06	4.46E-03	8.40E-04	3.62E-03	0.00E+00	0.00E+00	5.21E-02	4.96E-08	4.80E-06	2.98E-05	0.00E+00	8.82E-05	3.99E-10	1.17E-11	5.38E-04	9.65E-06	2.97E-04	0.00E+00	6.27E-06	1.48E-03	3.43E-02	0.00E+00	4.64E-11	6.00E-11	6.97E-06	1.78E-07	4.58E-03	0.00E+00	3.43E-02	8.41E-11	3.43E-02	3.89E-02	4.58E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
MT125A	1.45E-05	6.49E-03	1.22E-03	5.27E-03	0.00E+00	0.00E+00	7.59E-02	7.21E-08	6.98E-06	4.34E-05	0.00E+00	1.28E-04	5.80E-10	1.70E-11	7.83E-04	1.40E-05	4.32E-04	0.00E+00	9.13E-06	2.16E-03	4.99E-02	0.00E+00	6.75E-11	8.74E-11	1.01E-05	2.59E-07	6.66E-03	0.00E+00	4.99E-02	1.22E-10	4.99E-02	5.66E-02	6.66E-03	0.00E+00	0.00E+00	0.00E+00	3.92E-04
MT132A	2.43E-05	1.07E-02	2.02E-03	8.71E-03	0.00E+00	0.00E+00	1.25E-01	1.19E-07	1.15E-05	7.18E-05	0.00E+00	2.12E-04	9.60E-10	2.81E-11	1.30E-03	2.32E-05	7.16E-04	0.00E+00	1.51E-05	3.57E-03	8.26E-02	0.00E+00	1.12E-10	1.44E-10	1.68E-05	4.28E-07	1.10E-02	0.00E+00	8.26E-02	2.03E-10	8.26E-02	9.36E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	6.49E-04
MT140A	2.65E-05	1.17E-02	2.20E-03	9.48E-03	0.00E+00	0.00E+00	1.37E-01	1.30E-07	1.26E-05	7.81E-05	0.00E+00	2.31E-04	1.04E-09	3.05E-11	1.41E-03	2.53E-05	7.79E-04	0.00E+00	1.64E-05	3.88E-03	8.98E-02	0.00E+00	1.21E-10	1.57E-10	1.83E-05	4.66E-07	1.20E-02	0.00E+00	8.98E-02	2.20E-10	8.98E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.06E-04
MT150A	2.99E-05	1.31E-02	2.46E-03	1.06E-02	0.00E+00	0.00E+00	1.53E-01	1.45E-07	1.41E-05	8.74E-05	0.00E+00	2.58E-04	1.17E-09	3.41E-11	1.58E-03	2.83E-05	8.72E-04	0.00E+00	1.84E-05	4.34E-03	1.01E-01	0.00E+00	1.36E-10	1.76E-10	2.04E-05	5.21E-07	1.34E-02	0.00E+00	1.01E-01	2.47E-10	1.01E-01	1.14E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	7.90E-04

MT163A	2.48E-05	1.10E-02	2.06E-03	8.90E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.33E-05	0.00E+00	2.17E-04	9.81E-10	2.87E-11	1.32E-03	2.37E-05	7.31E-04	0.00E+00	1.54E-05	3.65E-03	8.44E-02	0.00E+00	1.14E-10	1.48E-10	1.71E-05	4.37E-07	1.13E-02	0.00E+00	8.44E-02	2.07E-10	8.44E-02	9.56E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04
MT206A	8.75E-05	3.82E-02	7.18E-03	3.10E-02	0.00E+00	0.00E+00	4.46E-01	4.24E-07	4.10E-05	2.55E-04	0.00E+00	7.54E-04	3.41E-09	9.97E-11	4.61E-03	8.25E-05	2.55E-03	0.00E+00	5.37E-05	1.27E-02	2.93E-01	0.00E+00	3.97E-10	5.14E-10	5.96E-05	1.52E-06	3.92E-02	0.00E+00	2.93E-01	7.20E-10	2.93E-01	3.33E-01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
MT210A	9.80E-05	4.27E-02	8.03E-03	3.46E-02	0.00E+00	0.00E+00	4.99E-01	4.74E-07	4.59E-05	2.85E-04	0.00E+00	8.43E-04	3.82E-09	1.12E-10	5.15E-03	9.23E-05	2.85E-03	0.00E+00	6.01E-05	1.42E-02	3.28E-01	0.00E+00	4.44E-10	5.75E-10	6.67E-05	1.70E-06	4.38E-02	0.00E+00	3.28E-01	8.05E-10	3.28E-01	3.72E-01	4.38E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
MT216A	6.76E-05	2.96E-02	5.57E-03	2.40E-02	0.00E+00	0.00E+00	3.46E-01	3.29E-07	3.18E-05	1.98E-04	0.00E+00	5.85E-04	2.65E-09	7.73E-11	3.57E-03	6.40E-05	1.97E-03	0.00E+00	4.17E-05	9.84E-03	2.28E-01	0.00E+00	3.08E-10	3.98E-10	4.63E-05	1.18E-06	3.04E-02	0.00E+00	2.28E-01	5.58E-10	2.28E-01	2.58E-01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
MT220A	5.26E-05	2.31E-02	4.35E-03	1.87E-02	0.00E+00	0.00E+00	2.70E-01	2.57E-07	2.49E-05	1.54E-04	0.00E+00	4.57E-04	2.07E-09	6.04E-11	2.79E-03	5.00E-05	1.54E-03	0.00E+00	3.25E-05	7.68E-03	1.78E-01	0.00E+00	2.40E-10	3.11E-10	3.61E-05	9.21E-07	2.37E-02	0.00E+00	1.78E-01	4.36E-10	1.78E-01	2.01E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
MT225A	1.84E-05	8.49E-03	1.60E-03	6.89E-03	0.00E+00	0.00E+00	9.93E-02	9.44E-08	9.14E-06	5.68E-05	0.00E+00	1.68E-04	7.60E-10	2.22E-11	1.02E-03	1.84E-05	5.65E-04	0.00E+00	1.19E-05	2.82E-03	6.53E-02	0.00E+00	8.83E-11	1.14E-10	1.33E-05	3.39E-07	8.71E-03	0.00E+00	6.53E-02	1.60E-10	6.53E-02	7.40E-02	8.71E-03	0.00E+00	0.00E+00	0.00E+00	5.13E-04
MT232A	7.12E-05	3.11E-02	5.86E-03	2.53E-02	0.00E+00	0.00E+00	3.64E-01	3.46E-07	3.35E-05	2.08E-04	0.00E+00	6.16E-04	2.78E-09	8.14E-11	3.76E-03	6.73E-05	2.08E-03	0.00E+00	4.39E-05	1.04E-02	2.40E-01	0.00E+00	3.24E-10	4.19E-10	4.87E-05	1.24E-06	3.20E-02	0.00E+00	2.40E-01	5.88E-10	2.40E-01	2.71E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
MT240A	4.87E-05	2.15E-02	4.06E-03	1.75E-02	0.00E+00	0.00E+00	2.52E-01	2.39E-07	2.32E-05	1.44E-04	0.00E+00	4.26E-04	1.93E-09	5.63E-11	2.60E-03	4.66E-05	1.44E-03	0.00E+00	3.03E-05	7.16E-03	1.66E-01	0.00E+00	2.24E-10	2.90E-10	3.37E-05	8.59E-07	2.21E-02	0.00E+00	1.66E-01	4.06E-10	1.66E-01	1.88E-01	2.21E-02	0.00E+00	0.00E+00	0.00E+00	1.30E-03
MT250A	6.37E-05	2.79E-02	5.25E-03	2.26E-02	0.00E+00	0.00E+00	3.26E-01	3.10E-07	3.00E-05	1.87E-04	0.00E+00	5.51E-04	2.49E-09	7.29E-11	3.37E-03	6.03E-05	1.86E-03	0.00E+00	3.93E-05	9.28E-03	2.15E-01	0.00E+00	2.90E-10	3.75E-10	4.36E-05	1.11E-06	2.86E-02	0.00E+00	2.15E-01	5.26E-10	2.15E-01	2.43E-01	2.86E-02	0.00E+00	0.00E+00	0.00E+00	1.69E-03
MT263A	5.41E-05	2.39E-02	4.49E-03	1.94E-02	0.00E+00	0.00E+00	2.79E-01	2.65E-07	2.57E-05	1.60E-04	0.00E+00	4.72E-04	2.13E-09	6.24E-11	2.88E-03	5.16E-05	1.59E-03	0.00E+00	3.36E-05	7.94E-03	1.84E-01	0.00E+00	2.48E-10	3.21E-10	3.73E-05	9.52E-07	2.45E-02	0.00E+00	1.84E-01	4.50E-10	1.84E-01	2.08E-01	2.45E-02	0.00E+00	0.00E+00	0.00E+00	1.44E-03
MT306A	1.38E-04	5.99E-02	1.13E-02	4.86E-02	0.00E+00	0.00E+00	7.00E-01	6.66E-07	6.44E-05	4.01E-04	0.00E+00	1.18E-03	5.36E-09	1.57E-10	7.23E-03	1.30E-04	4.00E-03	0.00E+00	8.44E-05	1.99E-02	4.61E-01	0.00E+00	6.23E-10	8.06E-10	9.36E-05	2.39E-06	6.15E-02	0.00E+00	4.61E-01	1.13E-09	4.61E-01	5.22E-01	6.15E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03
MT310A	1.28E-04	5.58E-02	1.05E-02	4.53E-02	0.00E+00	0.00E+00	6.53E-01	6.21E-07	6.01E-05	3.74E-04	0.00E+00	1.10E-03	4.99E-09	1.46E-10	6.75E-03	1.21E-04	3.73E-03	0.00E+00	7.87E-05	1.86E-02	4.30E-01	0.00E+00	5.81E-10	7.52E-10	8.73E-05	2.23E-06	5.73E-02	0.00E+00	4.30E-01	1.05E-09	4.30E-01	4.87E-01	5.73E-02	0.00E+00	0.00E+00	0.00E+00	3.38E-03
MT316A	1.05E-04	4.58E-02	8.63E-03	3.72E-02	0.00E+00	0.00E+00	5.36E-01	5.09E-07	4.93E-05	3.07E-04	0.00E+00	9.06E-04	4.10E-09	1.20E-10	5.54E-03	9.91E-05	3.06E-03	0.00E+00	6.46E-05	1.52E-02	3.53E-01	0.00E+00	4.77E-10	6.17E-10	7.17E-05	1.83E-06	4.70E-02	0.00E+00	3.53E-01	8.65E-10	3.53E-01	4.00E-01	4.70E-02	0.00E+00	0.00E+00	0.00E+00	2.77E-03
MT320A	7.50E-05	3.30E-02	6.21E-03	2.68E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.55E-05	2.20E-04	0.00E+00	6.52E-04	2.95E-09	8.61E-11	3.98E-03	7.13E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.54E-01	0.00E+00	3.43E-10	4.44E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.54E-01	6.22E-10	2.54E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MT325A	2.77E-05	1.26E-02	2.38E-03	1.03E-02	0.00E+00	0.00E+00	1.48E-01	1.41E-07	1.36E-05	8.46E-05	0.00E+00	2.50E-04	1.13E-09	3.31E-11	1.53E-03	2.74E-05	8.42E-04	0.00E+00	1.78E-05	4.20E-03	9.73E-02	0.00E+00	1.32E-10	1.70E-10	1.98E-05	5.04E-07	1.30E-02	0.00E+00	9.73E-02	2.39E-10	9.73E-02	1.10E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.64E-04
MT332A	1.12E-04	4.89E-02	9.20E-03	3.97E-02	0.00E+00	0.00E+00	5.71E-01	5.43E-07	5.26E-05	3.27E-04	0.00E+00	9.66E-04	4.37E-09	1.28E-10	5.90E-03	1.06E-04	3.26E-03	0.00E+00	6.88E-05	1.63E-02	3.76E-01	0.00E+00	5.08E-10	6.58E-10	7.64E-05	1.95E-06	5.02E-02	0.00E+00	3.76E-01	9.22E-10	3.76E-01	4.26E-01	5.02E-02	0.00E+00	0.00E+00	0.00E+00	2.96E-03
MT340A	7.32E-05	3.24E-02	6.10E-03	2.63E-02	0.00E+00	0.00E+00	3.78E-01	3.60E-07	3.48E-05	2.17E-04	0.00E+00	6.40E-04	2.90E-09	8.46E-11	3.91E-03	7.00E-05	2.16E-03	0.00E+00	4.56E-05	1.08E-02	2.49E-01	0.00E+00	3.37E-10	4.36E-10	5.06E-05	1.29E-06	3.32E-02	0.00E+00	2.49E-01	6.11E-10	2.49E-01	2.82E-01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
MT350A	9.54E-05	4.18E-02	7.86E-03	3.39E-02	0.00E+00	0.00E+00	4.88E-01	4.64E-07	4.50E-05	2.79E-04	0.00E+00	8.26E-04	3.74E-09	1.09E-10	5.05E-03	9.03E-05	2.79E-03	0.00E+00	5.88E-05	1.39E-02	3.21E-01	0.00E+00	4.34E-10	5.62E-10	6.53E-05	1.67E-06	4.29E-02	0.00E+00	3.21E-01	7.88E-10	3.21E-01	3.64E-01	4.29E-02	0.00E+00	0.00E+00	0.00E+00	2.53E-03
MT363A	7.79E-05	3.44E-02	6.47E-03	2.79E-02	0.00E+00	0.00E+00	4.02E-01	3.82E-07	3.70E-05	2.30E-04	0.00E+00	6.80E-04	3.07E-09	8.98E-11	4.15E-03	7.43E-05	2.29E-03	0.00E+00	4.84E-05	1.14E-02	2.64E-01	0.00E+00	3.57E-10	4.63E-10	5.37E-05	1.37E-06	3.53E-02	0.00E+00	2.64E-01	6.49E-10	2.64E-01	3.00E-01	3.53E-02	0.00E+00	0.00E+00	0.00E+00	2.08E-03
MTN106	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MTN110	2.24E-05	1.05E-02	2.28E-03	8.23E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.07E-05	6.75E-05	0.00E+00	1.42E-04	8.79E-10	2.78E-11	1.19E-03	2.13E-05	6.57E-04	1.87E-06	1.66E-05	3.97E-03	7.57E-02	0.00E+00	1.03E-10	1.32E-10	1.57E-05	4.09E-07	1.00E-02	0.00E+00	7.57E-02	-5.93E-09	7.57E-02	8.57E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	7.13E-04
MTN116	1.08E-05	4.90E-03	9.22E-04	3.97E-03	0.00E+00	0.00E+00	5.73E-02	5.44E-08	5.27E-06	3.28E-05	0.00E+00	9.68E-05	4.38E-10	1.28E-11	5.91E-04	1.06E-05	3.26E-04	0.00E+00	6.89E-06	1.63E-03	3.77E-02	0.00E+00	5.09E-11	6.59E-11	7.66E-06	1.95E-07	5.03E-03	0.00E+00	3.77E-02	9.24E-11	3.77E-02	4.27E-02	5.03E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
MTN120	2.24E-05	1.05E-02	2.28E-03	8.23E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.07E-05	6.75E-05	0.00E+00	1.42E-04	8.79E-10	2.78E-11	1.19E-03	2.13E-05	6.57E-04	1.87E-06	1.66E-05	3.97E-03	7.57E-02	0.00E+00	1.03E-10	1.32E-10	1.57E-05	4.09E-07	1.00E-02	0.00E+00	7.57E-02	-5.93E-09	7.57E-02	8.57E-02	1.00E-02	0.00E+00	0.00E+00	0.00E+00	7.13E-04
MTN125	1.19E-05	5.40E-03	1.02E-03	4.38E-03	0.00E+00	0.00E+00	6.31E-02	6.00E-08	5.81E-06	3.61E-05	0.00E+00	1.07E-04	4.83E-10	1.41E-11	6.52E-04	1.17E-05	3.60E-04	0.00E+00	7.60E-06	1.79E-03	4.15E-02	0.00E+00	5.61E-11	7.27E-11	8.44E-06	2.15E-07	5.54E-03	0.00E+00	4.15E-02	1.02E-10	4.15E-02	4.71E-02	5.54E-03	0.00E+00	0.00E+00	0.00E+00	3.26E-04
MTN132	2.22E-05	9.82E-03	1.85E-03	7.97E-03	0.00E+00	0.00E+00	1.15E-01	1.09E-07	1.06E-05	6.57E-05	0.00E+00	1.94E-04	8.78E-10	2.57E-11	1.19E-03	2.12E-05	6.55E-04	0.00E+00	1.38E-05	3.26E-03	7.55E-02	0.00E+00	1.02E-10	1.32E-10	1.53E-05	3.92E-07	1.01E-02	0.00E+00	7.55E-02	1.85E-10	7.55E-02	8.56E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.94E-04
MTN140	2.00E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MTN150	2.57E-05	1.13E-02	2.13E-03	9.17E-03	0.00E+00	0.00E+00	1.32E-01	1.26E-07	1.22E-05	7.55E-05	0.00E+00	2.23E-04	1.01E-09	2.95E-11	1.36E-03	2.44E-05	7.54E-04	0.00E+00	1.59E-05	3.76E-03	8.69E-02	0.00E+00	1.17E-10	1.52E-10	1.77E-05	4.50E-07	1.16E-02	0.00E+00	8.69E-02	2.13E-10	8.69E-02	9.85E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.83E-04
MTN163	2.73E-05	1.20E-02	2.25E-03	9.72E-03	0.00E+00	0.00E+00	1.40E-01	1.33E-07	1.29E-05	8.01E-05	0.00E+00	2.37E-04	1.07E-09	3.13E-11	1.45E-03	2.59E-05	7.99E-04	0.00E+00	1.69E-05	3.98E-03	9.21E-02	0.00E+00	1.24E-10	1.61E-10	1.87E-05	4.77E-07	1.23E-02	0.00E+00	9.21E-02	2.26E-10	9.21E-02	1.04E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.24E-04
MU102A	2.30E-05	1.01E-02	1.91E-03	8.23E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.09E-05	6.78E-05	0.00E+00	2.00E-04	9.07E-10	2.65E-11	1.22E-03	2.19E-05	6.76E-04	0.00E+00	1.43E-05	3.37E-03	7.80E-02	0.00E+00	1.05E-10	1.37E-10	1.59E-05	4.04E-07	1.04E-02	0.00E+00	7.80E-02	1.91E-10	7.80E-02	8.84E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
MU104A	2.43E-05	1.08E-02	2.03E-03	8.76E-03	0.00E+00	0.00E+00	1.26E-01	1.20E-07	1.16E-05	7.22E-05	0.00E+00	2.13E-04	9.65E-10	2.82E-11	1.30E-03	2.33E-05	7.20E-04	0.00E+00	1.52E-05	3.59E-03	8.30E-02	0.00E+00	1.12E-10	1.45E-10	1.69E-05	4.30E-07	1.11E-02	0.00E+00	8.30E-02	2.04E-10	8.30E-02	9.41E-02	1.11E-02	0.00E+00	0.00E+00	0.00E+00	6.52E-04
MU106A	4.52E-05	1.97E-02	3.71E-03	1.60E-02	0.00E+00	0.00E+00	2.31E-01	2.19E-07	2.12E-05	1.32E-04	0.00E+00	3.90E-04	1.76E-09	5.16E-11	2.38E-03	4.27E-05	1.32E-03	0.00E+00	2.78E-05	6.56E-03	1.52E-01	0.00E+00	2.05E-10	2.66E-10	3.08E-05	7.87E-07	2.02E-02	0.00E+00	1.52E-01	3.72E-10	1.52E-01	1.72E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
MU110A	4.53E-05	1.98E-02	3.72E-03	1.61E-02	0.00E+00	0.00E+00	2.31E-01	2.20E-07	2.13E-05	1.32E-04	0.00E+00	3.91E-04	1.77E-09	5.17E-11	2.39E-03	4.28E-05	1.32E-03	0.00E+00	2.79E-05	6.58E-03	1.52E-01	0.00E+00	2.06E-10	2.66E-10	3.09E-05	7.89E-07	2.03E-02	0.00E+00	1.52E-01	3.73E-10	1.52E-01	1.72E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MU116A	5.02E-05	2.19E-02	4.11E-03	1.77E-02	0.00E+00	0.00E+00	2.55E-01	2.43E-07	2.35E-05	1.46E-04	0.00E+00	4.32E-04	1.95E-09	5.71E-11	2.64E-03	4.72E-05	1.46E-03	0.00E+00	3.08E-05	7.27E-03	1.68E-01	0.00E+00	2.27E-10	2.94E-10	3.42E-05	8.71E-07	2.24E-02	0.00E+00	1.68E-01	4.12E-10	1.68E-01	1.90E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
MU120A	4.28E-05	1.87E-02	3.52E-03	1.52E-02	0.00E+00	0.00E+00	2.18E-01	2.08E-07	2.01E-05	1.25E-04	0.00E+00	3.69E-04	1.67E-09	4.88E-11	2.26E-03	4.04E-05	1.25E-03	0.00E+00	2.63E-05	6.21E-03	1.44E-01	0.00E+00	1.94E-10	2.52E-10	2.92E-05	7.45E-07	1.92E-02	0.00E+00	1.44E-01	3.53E-10	1.44E-01	1.63E-01	1.92E-02	0.00E+00	0.00E+00	0.00E+00	1.13E-03
MU125A	2.57E-05	1.14E-02	2.14E-03	9.22E-03	0.00E+00	0.00E+00	1.33E-01	1.26E-07	1.22E-05	7.60E-05	0.00E+00	2.24E-04	1.02E-09	2.97E-11	1.37E-03	2.46E-05	7.57E-04	0.00E+00	1.60E-05	3.78E-03	8.73E-02	0.00E+00	1.18E-10	1.53E-10	1.78E-05	4.53E-07	1.17E-02	0.00E+00	8.73E-02	2.14E-10	8.73E-02	9.90E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.87E-04
MU132A	2.76E-05	1.21E-02	2.29E-03	9.85E-03	0.00E+00	0.00E+00	1.42E-01	1.35E-07	1.31E-05	8.12E-05	0.00E+00	2.40E-04	1.09E-09	3.17E-11	1.47E-03	2.63E-05	8.10E-04	0.00E+00	1.71E-05	4.04E-03	9.34E-02	0.00E+00	1.26E-10	1.63E-10	1.90E-05	4.84E-07	1.25E-02	0.00E+00	9.34E-02	2.29E-10	9.34E-02	1.06E-01	1.25E-02	0.00E+00	0.00E+00	0.00E+00	7.34E-04
MU140A	2.67E-05	1.18E-02	2.22E-03	9.57E-03	0.00E+00	0.00E+00	1.38E-01	1.31E-07	1.27E-05	7.88E-05	0.00E+00	2.33E-04	1.05E-09	3.08E-11	1.42E-03	2.55E-05	7.86E-04	0.00E+00	1.66E-05	3.92E-03	9.07E-02	0.00E+00	1.23E-10	1.59E-10	1.84E-05	4.70E-07	1.21E-02	0.00E+00	9.07E-02	2.22E-10	9.07E-02	1.03E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.13E-04
MU150A	2.13E-05	9.46E-03	1.78E-03	7.68E-03	0.00E+00	0.00E+00	1.11E-01	1.05E-07	1.02E-05	6.33E-05	0.00E+00	1.87E-04	8.46E-10	2.47E-11	1.14E-03	2.05E-05	6.31E-04	0.00E+00	1.33E-05	3.14E-03	7.28E-02	0.00E+00	9.84E-11	1.27E-10	1.48E-05	3.77E-07	9.71E-03	0.00E+00	7.28E-02	1.78E-10	7.28E-02	8.25E-02	9.71E-03	0.00E+00	0.00E+00	0.00E+00	5.72E-04
MU163A	2.49E-05	1.10E-02	2.07E-03	8.94E-03	0.00E+00	0.00E+00	1.29E-01	1.22E-07	1.18E-05	7.36E-05	0.00E+00	2.18E-04	9.85E-10	2.88E-11	1.33E-03	2.38E-05	7.34E-04	0.00E+00	1.55E-05	3.66E-03	8.47E-02	0.00E+00	1.14E-10	1.48E-10	1.72E-05	4.39E-07	1.13E-02	0.00E+00	8.47E-02	2.08E-10	8.47E-02	9.60E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.66E-04
MU202A	5.20E-05	2.29E-02	4.31E-03	1.86E-02	0.00E+00	0.00E+00	2.67E-01	2.54E-07	2.46E-05	1.53E-04	0.00E+00	4.52E-04	2.05E-09	5.98E-11	2.76E-03	4.95E-05	1.53E-03	0.00E+00	3.22E-05	7.60E-03	1.76E-01	0.00E+00	2.38E-10	3.08E-10	3.58E-05	9.12E-07	2.35E-02	0.00E+00	1.76E-01	4.32E-10	1.76E-01	1.99E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
MU206A	1.84E-05	8.50E-03	1.60E-03	6.90E-03	0.00E+00	0.00E+00	9.95E-02	9.45E-08	9.16E-06	5.69E-05	0.00E+00	1.68E-04	7.61E-10	2.22E-11	1.03E-03	1.84E-05	5.66E-04	0.00E+00	1.20E-05	2.83E-03	6.54E-02	0.00E+00	8.85E-11	1.15E-10	1.33E-05	3.39E-07	8.73E-03	0.00E+00	6.54E-02	1.60E-10	6.54E-02	7.42E-02	8.73E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-04
MU210A	1.86E-05	8.50E-03	1.60E-03	6.90E-03	0.00E+00	0.00E+00	9.95E-02	9.46E-08	9.16E-06	5.69E-05	0.00E+00	1.68E-04	7.61E-10	2.22E-11	1.03E-03	1.84E-05	5.66E-04	0.00E+00	1.20E-05	2.83E-03	6.54E-02	0.00E+00	8.85E-11	1.15E-10	1.33E-05	3.39E-07	8.73E-03	0.00E+00	6.54E-02	1.60E-10	6.54E-02	7.42E-02	8.73E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-04
MU216A	1.23E-06	1.02E-03	1.94E-04	8.26E-04	0.00E+00	0.00E+00	1.20E-02	1.14E-08	1.11E-06	6.87E-06	0.00E+00	2.03E-05	9.21E-11	2.69E-12	1.23E-04	2.23E-06	6.61E-05	0.00E+00	1.43E-06	3.37E-04	7.89E-03	0.00E+00	1.07E-11	1.38E-11	1.61E-06	4.07E-08	1.05E-03	0.00E+00	7.89E-03	1.93E-11	7.89E-03	8.94E-03	1.05E-03	0.00E+00	0.00E+00	0.00E+00	6.14E-05
MU220A	7.95E-05	3.47E-02	6.53E-03	2.82E-02	0.00E+00	0.00E+00	4.06E-01	3.86E-07	3.73E-05	2.32E-04	0.00E+00	6.86E-04	3.10E-09	9.07E-11	4.19E-03	7.51E-05	2.32E-03	0.00E+00	4.89E-05	1.15E-02	2.67E-01	0.00E+00	3.61E-10	4.67E-10	5.43E-05	1.38E-06	3.56E-02	0.00E+00	2.67E-01	6.55E-10	2.67E-01	3.03E-01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	2.10E-03
MU225A	5.21E-05	2.30E-02	4.32E-03	1.86E-02	0.00E+00	0.00E+00	2.69E-01	2.55E-07	2.47E-05	1.54E-04	0.00E+00	4.54E-04	2.05E-09	6.00E-11	2.77E-03	4.97E-05	1.53E-03	0.00E+00	3.23E-05	7.64E-03	1.77E-01	0.00E+00	2.39E-10	3.09E-10	3.59E-05	9.16E-07	2.36E-02	0.00E+00	1.77E-01	4.33E-10	1.77E-01	2.00E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MU232A	6.90E-05	3.01E-02	5.66E-03	2.44E-02	0.00E+00	0.00E+00	3.52E-01	3.34E-07	3.24E-05	2.01E-04	0.00E+00	5.94E-04	2.69E-09	7.86E-11	3.63E-03	6.50E-05	2.01E-03	0.00E+00	4.24E-05	1.00E-02	2.31E-01	0.00E+00	3.13E-10	4.05E-10	4.70E-05	1.20E-06	3.09E-02	0.00E+00	2.31E-01	5.67E-10	2.31E-01	2.62E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
MU240A	5.86E-05	2.56E-02	4.82E-03	2.08E-02	0.00E+00	0.00E+00	2.99E-01	2.85E-07	2.75E-05	1.71E-04	0.00E+00	5.06E-04	2.29E-09	6.69E-11	3.09E-03	5.54E-05	1.71E-03	0.00E+00	3.61E-05	8.51E-03	1.97E-01	0.00E+00	2.66E-10	3.45E-10	4.00E-05	1.02E-06	2.63E-02	0.00E+00	1.97E-01	4.83E-10	1.97E-01	2.23E-01	2.63E-02	0.00E+00	0.00E+00	0.00E+00	1.55E-03
MU250A	5.19E-05	2.29E-02	4.31E-03	1.86E-02	0.00E+00	0.00E+00	2.67E-01	2.54E-07	2.46E-05	1.53E-04	0.00E+00	4.52E-04	2.05E-09	5.98E-11	2.76E-03	4.95E-05	1.53E-03	0.00E+00	3.22E-05	7.61E-03	1.76E-01	0.00E+00	2.38E-10	3.08E-10	3.58E-05	9.12E-07	2.35E-02	0.00E+00	1.76E-01	4.32E-10	1.76E-01	1.99E-01	2.35E-02	0.00E+00	0.00E+00	0.00E+00	1.38E-03
MU263A	5.23E-05	2.31E-02	4.35E-03	1.88E-02	0.00E+00	0.00E+00	2.70E-01	2.57E-07	2.49E-05	1.55E-04	0.00E+00	4.57E-04	2.07E-09	6.04E-11	2.79E-03	5.00E-05	1.54E-03	0.00E+00	3.26E-05	7.69E-03	1.78E-01	0.00E+00	2.40E-10	3.11E-10	3.62E-05	9.22E-07	2.37E-02	0.00E+00	1.78E-01	4.36E-10	1.78E-01	2.02E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
MU302A	7.69E-05	3.38E-02	6.37E-03	2.75E-02	0.00E+00	0.00E+00	3.96E-01	3.76E-07	3.64E-05	2.26E-04	0.00E+00	6.69E-04	3.03E-09	8.85E-11	4.09E-03	7.32E-05	2.26E-03	0.00E+00	4.77E-05	1.13E-02	2.60E-01	0.00E+00	3.52E-10	4.56E-10	5.29E-05	1.35E-06	3.47E-02	0.00E+00	2.60E-01	6.39E-10	2.60E-01	2.95E-01	3.47E-02	0.00E+00	0.00E+00	0.00E+00	2.05E-03
MU306A	1.35E-04	5.88E-02	1.11E-02	4.78E-02	0.00E+00	0.00E+00	6.88E-01	6.54E-07	6.33E-05	3.93E-04	0.00E+00	1.16E-03	5.26E-09	1.54E-10	7.10E-03	1.27E-04	3.93E-03	0.00E+00	8.28E-05	1.96E-02	4.52E-01	0.00E+00	6.11E-10	7.92E-10	9.20E-05	2.35E-06	6.04E-02	0.00E+00	4.52E-01	1.11E-09	4.52E-01	5.13E-01	6.04E-02	0.00E+00	0.00E+00	0.00E+00	3.56E-03
MU310A	1.37E-04	5.96E-02	1.12E-02	4.84E-02	0.00E+00	0.00E+00	6.97E-01	6.63E-07	6.42E-05	3.99E-04	0.00E+00	1.18E-03	5.33E-09	1.56E-10	7.20E-03	1.29E-04	3.98E-03	0.00E+00	8.40E-05	1.98E-02	4.59E-01	0.00E+00	6.20E-10	8.03E-10	9.32E-05	2.38E-06	6.12E-02	0.00E+00	4.59E-01	1.13E-09	4.59E-01	5.20E-01	6.12E-02	0.00E+00	0.00E+00	0.00E+00	3.61E-03
MU316A	1.04E-04	4.56E-02	8.58E-03	3.70E-02	0.00E+00	0.00E+00	5.33E-01	5.06E-07	4.90E-05	3.05E-04	0.00E+00	9.01E-04	4.07E-09	1.19E-10	5.50E-03	9.85E-05	3.04E-03	0.00E+00	6.42E-05	1.52E-02	3.50E-01	0.00E+00	4.74E-10	6.13E-10	7.12E-05	1.82E-06	4.68E-02	0.00E+00	3.50E-01	8.60E-10	3.50E-01	3.97E-01	4.68E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
MU320A	7.01E-05	3.09E-02	5.82E-03	2.51E-02	0.00E+00	0.00E+00	3.61E-01	3.44E-07	3.33E-05	2.07E-04	0.00E+00	6.11E-04	2.76E-09	8.08E-11	3.73E-03	6.68E-05	2.06E-03	0.00E+00	4.35E-05	1.03E-02	2.38E-01	0.00E+00	3.21E-10	4.16E-10	4.83E-05	1.23E-06	3.17E-02	0.00E+00	2.38E-01	5.83E-10	2.38E-01	2.69E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03
MU325A	7.63E-05	3.37E-02	6.34E-03	2.73E-02	0.00E+00	0.00E+00	3.94E-01	3.74E-07	3.62E-05	2.25E-04	0.00E+00	6.65E-04	3.01E-09	8.80E-11	4.07E-03	7.28E-05	2.25E-03	0.00E+00	4.74E-05	1.12E-02	2.59E-01	0.00E+00	3.50E-10	4.53E-10	5.26E-05	1.34E-06	3.45E-02	0.00E+00	2.59E-01	6.35E-10	2.59E-01	2.94E-01	3.45E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
MU332A	9.32E-05	4.08E-02	7.68E-03	3.31E-02	0.00E+00	0.00E+00	4.77E-01	4.53E-07	4.39E-05	2.73E-04	0.00E+00	8.07E-04	3.65E-09	1.07E-10	4.93E-03	8.82E-05	2.72E-03	0.00E+00	5.75E-05	1.36E-02	3.14E-01	0.00E+00	4.24E-10	5.49E-10	6.38E-05	1.63E-06	4.19E-02	0.00E+00	3.14E-01	7.70E-10	3.14E-01	3.56E-01	4.19E-02	0.00E+00	0.00E+00	0.00E+00	2.47E-03
MU340A	7.00E-05	3.10E-02	5.84E-03	2.52E-02	0.00E+00	0.00E+00	3.63E-01	3.45E-07	3.34E-05	2.07E-04	0.00E+00	6.13E-04	2.77E-09	8.11E-11	3.75E-03	6.71E-05	2.07E-03	0.00E+00	4.37E-05	1.03E-02	2.39E-01	0.00E+00	3.23E-10	4.18E-10	4.85E-05	1.24E-06	3.18E-02	0.00E+00	2.39E-01	5.85E-10	2.39E-01	2.70E-01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
MU350A	7.45E-05	3.29E-02	6.19E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.50E-04	2.94E-09	8.60E-11	3.97E-03	7.11E-05	2.19E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.43E-10	5.14E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.21E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MU363A	7.62E-05	3.37E-02	6.34E-03	2.73E-02	0.00E+00	0.00E+00	3.94E-01	3.74E-07	3.62E-05	2.25E-04	0.00E+00	6.66E-04	3.01E-09	8.80E-11	4.07E-03	7.28E-05	2.25E-03	0.00E+00	4.74E-05	1.12E-02	2.59E-01	0.00E+00	3.50E-10	4.53E-10	5.27E-05	1.34E-06	3.46E-02	0.00E+00	2.59E-01	6.35E-10	2.59E-01	2.94E-01	3.46E-02	0.00E+00	0.00E+00	0.00E+00	2.04E-03
MU406A	1.81E-04	7.86E-02	1.48E-02	6.38E-02	0.00E+00	0.00E+00	9.19E-01	8.74E-07	8.46E-05	5.26E-04	0.00E+00	1.55E-03	7.03E-09	2.05E-10	9.49E-03	1.70E-04	5.25E-03	0.00E+00	1.11E-04	2.61E-02	6.05E-01	0.00E+00	8.17E-10	1.06E-09	1.23E-04	3.14E-06	8.07E-02	0.00E+00	6.05E-01	1.48E-09	6.05E-01	6.85E-01	8.07E-02	0.00E+00	0.00E+00	0.00E+00	4.75E-03
MU410A	1.99E-04	8.67E-02	1.63E-02	7.04E-02	0.00E+00	0.00E+00	1.01E+00	9.64E-07	9.33E-05	5.80E-04	0.00E+00	1.71E-03	7.75E-09	2.27E-10	1.05E-02	1.88E-04	5.79E-03	0.00E+00	1.22E-04	2.88E-02	6.67E-01	0.00E+00	9.02E-10	1.17E-09	1.36E-04	3.46E-06	8.90E-02	0.00E+00	6.67E-01	1.64E-09	6.67E-01	7.56E-01	8.90E-02	0.00E+00	0.00E+00	0.00E+00	5.24E-03
MU416A	1.35E-04	5.92E-02	1.12E-02	4.81E-02	0.00E+00	0.00E+00	6.92E-01	6.58E-07	6.37E-05	3.96E-04	0.00E+00	1.17E-03	5.30E-09	1.55E-10	7.15E-03	1.28E-04	3.95E-03	0.00E+00	8.34E-05	1.97E-02	4.56E-01	0.00E+00	6.16E-10	7.97E-10	9.26E-05	2.36E-06	6.08E-02	0.00E+00	4.56E-01	1.12E-09	4.56E-01	5.16E-01	6.08E-02	0.00E+00	0.00E+00	0.00E+00	3.58E-03
MU420A	1.09E-04	4.78E-02	9.01E-03	3.88E-02	0.00E+00	0.00E+00	5.59E-01	5.32E-07	5.15E-05	3.20E-04	0.00E+00	9.46E-04	4.28E-09	1.25E-10	5.78E-03	1.03E-04	3.19E-03	0.00E+00	6.74E-05	1.59E-02	3.68E-01	0.00E+00	4.97E-10	6.44E-10	7.48E-05	1.91E-06	4.91E-02	0.00E+00	3.68E-01	9.03E-10	3.68E-01	4.17E-01	4.91E-02	0.00E+00	0.00E+00	0.00E+00	2.89E-03
MU425A	1.04E-04	4.57E-02	8.61E-03	3.71E-02	0.00E+00	0.00E+00	5.35E-01	5.08E-07	4.92E-05	3.06E-04	0.00E+00	9.04E-04	4.09E-09	1.20E-10	5.52E-03	9.89E-05	3.05E-03	0.00E+00	6.44E-05	1.52E-02	3.52E-01	0.00E+00	4.76E-10	6.16E-10	7.15E-05	1.82E-06	4.69E-02	0.00E+00	3.52E-01	8.63E-10	3.52E-01	3.99E-01	4.69E-02	0.00E+00	0.00E+00	0.00E+00	2.77E-03
MU432A	1.27E-04	5.56E-02	1.05E-02	4.51E-02	0.00E+00	0.00E+00	6.49E-01	6.17E-07	5.98E-05	3.72E-04	0.00E+00	1.10E-03	4.97E-09	1.45E-10	6.71E-03	1.20E-04	3.71E-03	0.00E+00	7.82E-05	1.85E-02	4.27E-01	0.00E+00	5.78E-10	7.48E-10	8.69E-05	2.22E-06	5.70E-02	0.00E+00	4.27E-01	1.05E-09	4.27E-01	4.84E-01	5.70E-02	0.00E+00	0.00E+00	0.00E+00	3.36E-03
MU440A	1.00E-04	4.42E-02	8.32E-03	3.59E-02	0.00E+00	0.00E+00	5.17E-01	4.91E-07	4.76E-05	2.96E-04	0.00E+00	8.74E-04	3.95E-09	1.16E-10	5.34E-03	9.56E-05	2.95E-03	0.00E+00	6.22E-05	1.47E-02	3.40E-01	0.00E+00	4.60E-10	5.95E-10	6.91E-05	1.76E-06	4.54E-02	0.00E+00	3.40E-01	8.34E-10	3.40E-01	3.85E-01	4.54E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
MU450A	9.95E-05	4.39E-02	8.27E-03	3.57E-02	0.00E+00	0.00E+00	5.14E-01	4.88E-07	4.73E-05	2.94E-04	0.00E+00	8.69E-04	3.93E-09	1.15E-10	5.31E-03	9.50E-05	2.93E-03	0.00E+00	6.19E-05	1.46E-02	3.38E-01	0.00E+00	4.57E-10	5.92E-10	6.87E-05	1.75E-06	4.51E-02	0.00E+00	3.38E-01	8.29E-10	3.38E-01	3.83E-01	4.51E-02	0.00E+00	0.00E+00	0.00E+00	2.66E-03
MU463A	1.46E-04	6.39E-02	1.20E-02	5.19E-02	0.00E+00	0.00E+00	7.47E-01	7.10E-07	6.87E-05	4.27E-04	0.00E+00	1.26E-03	5.71E-09	1.67E-10	7.72E-03	1.38E-04	4.26E-03	0.00E+00	9.00E-05	2.12E-02	4.91E-01	0.00E+00	6.64E-10	8.60E-10	9.99E-05	2.55E-06	6.56E-02	0.00E+00	4.91E-01	1.21E-09	4.91E-01	5.57E-01	6.56E-02	0.00E+00	0.00E+00	0.00E+00	3.86E-03
MUN106A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MUN110A	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MUN116A	1.87E-05	8.28E-03	1.56E-03	6.72E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	1.00E-03	1.79E-05	5.52E-04	0.00E+00	1.17E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.50E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MUN120A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MUN125A	2.00E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MUN132A	3.63E-05	1.59E-02	2.98E-03	1.29E-02	0.00E+00	0.00E+00	1.85E-01	1.76E-07	1.71E-05	1.06E-04	0.00E+00	3.13E-04	1.42E-09	4.14E-11	1.91E-03	3.43E-05	1.06E-03	0.00E+00	2.23E-05	5.27E-03	1.22E-01	0.00E+00	1.65E-10	2.13E-10	2.48E-05	6.32E-07	1.63E-02	0.00E+00	1.22E-01	2.99E-10	1.22E-01	1.38E-01	1.63E-02	0.00E+00	0.00E+00	0.00E+00	9.59E-04
MUN140A	3.58E-05	1.56E-02	2.94E-03	1.27E-02	0.00E+00	0.00E+00	1.83E-01	1.74E-07	1.68E-05	1.05E-04	0.00E+00	3.09E-04	1.40E-09	4.09E-11	1.89E-03	3.38E-05	1.04E-03	0.00E+00	2.20E-05	5.20E-03	1.20E-01	0.00E+00	1.63E-10	2.11E-10	2.45E-05	6.24E-07	1.61E-02	0.00E+00	1.20E-01	2.95E-10	1.20E-01	1.36E-01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	9.46E-04
MUN206A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN210A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN216A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN220A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN225A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN232A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04

MUN240A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN250A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN263A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN310A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MUN316A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MUN320A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MUN325A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MUN332A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MUN406A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN410A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN416A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN420A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN425A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN432A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN440A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN450A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN463A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN506A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN510A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN516A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN520A	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MUN525A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN532A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN540A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MUN606A	1.48E-04	6.47E-02	1.22E-02	5.25E-02	0.00E+00	0.00E+00	7.57E-01	7.19E-07	6.96E-05	4.33E-04	0.00E+00	1.28E-03	5.79E-09	1.69E-10	7.82E-03	1.40E-04	4.32E-03	0.00E+00	9.12E-05	2.15E-02	4.98E-01	0.00E+00	6.73E-10	8.71E-10	1.01E-04	2.58E-06	6.64E-02	0.00E+00	4.98E-01	1.22E-09	4.98E-01	5.64E-01	6.64E-02	0.00E+00	0.00E+00	0.00E+00	3.91E-03
MUN610A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN616A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN620A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN625A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN632A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN640A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN650A	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MUN663A	8.03E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MV106	4.24E-05	1.85E-02	3.49E-03	1.51E-02	0.00E+00	0.00E+00	2.17E-01	2.06E-07	1.99E-05	1.24E-04	0.00E+00	3.66E-04	1.66E-09	4.84E-11	2.24E-03	4.01E-05	1.24E-03	0.00E+00	2.61E-05	6.17E-03	1.43E-01	0.00E+00	1.93E-10	2.50E-10	2.90E-05	7.39E-07	1.90E-02	0.00E+00	1.43E-01	3.50E-10	1.43E-01	1.62E-01	1.90E-02	0.00E+00	0.00E+00	0.00E+00	1.12E-03
MV106Z	1.39E-05	6.26E-03	1.18E-03	5.08E-03	0.00E+00	0.00E+00	7.32E-02	6.96E-08	6.74E-06	4.19E-05	0.00E+00	1.24E-04	5.60E-10	1.64E-11	7.56E-04	1.35E-05	4.17E-04	0.00E+00	8.81E-06	2.08E-03	4.82E-02	0.00E+00	6.51E-11	8.43E-11	9.79E-06	2.50E-07	6.43E-03	0.00E+00	4.82E-02	1.18E-10	4.82E-02	5.46E-02	6.43E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-04
MV110Z	1.24E-05	5.63E-03	1.06E-03	4.57E-03	0.00E+00	0.00E+00	6.58E-02	6.26E-08	6.06E-06	3.77E-05	0.00E+00	1.11E-04	5.04E-10	1.47E-11	6.80E-04	1.22E-05	3.75E-04	0.00E+00	7.92E-06	1.87E-03	4.33E-02	0.00E+00	5.85E-11	7.58E-11	8.80E-06	2.24E-07	5.78E-03	0.00E+00	4.33E-02	1.06E-10	4.33E-02	4.91E-02	5.78E-03	0.00E+00	0.00E+00	0.00E+00	3.40E-04
MV116	9.85E-06	4.46E-03	8.40E-04	3.62E-03	0.00E+00	0.00E+00	5.22E-02	4.96E-08	4.80E-06	2.98E-05	0.00E+00	8.82E-05	3.99E-10	1.17E-11	5.38E-04	9.65E-06	2.97E-04	0.00E+00	6.28E-06	1.48E-03	3.43E-02	0.00E+00	4.64E-11	6.00E-11	6.97E-06	1.78E-07	4.58E-03	0.00E+00	3.43E-02	8.41E-11	3.43E-02	3.89E-02	4.58E-03	0.00E+00	0.00E+00	0.00E+00	2.69E-04
MV116Z	1.13E-05	5.11E-03	9.62E-04	4.14E-03	0.00E+00	0.00E+00	5.97E-02	5.68E-08	5.50E-06	3.42E-05	0.00E+00	1.01E-04	4.57E-10	1.34E-11	6.17E-04	1.11E-05	3.40E-04	0.00E+00	7.19E-06	1.70E-03	3.93E-02	0.00E+00	5.31E-11	6.88E-11	7.99E-06	2.04E-07	5.24E-03	0.00E+00	3.93E-02	9.64E-11	3.93E-02	4.45E-02	5.24E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-04
MV120	1.15E-05	5.20E-03	9.79E-04	4.22E-03	0.00E+00	0.00E+00	6.08E-02	5.78E-08	5.59E-06	3.48E-05	0.00E+00	1.03E-04	4.65E-10	1.36E-11	6.27E-04	1.12E-05	3.46E-04	0.00E+00	7.32E-06	1.73E-03	4.00E-02	0.00E+00	5.40E-11	7.00E-11	8.13E-06	2.07E-07	5.33E-03	0.00E+00	4.00E-02	9.81E-11	4.00E-02	4.53E-02	5.33E-03	0.00E+00	0.00E+00	0.00E+00	3.14E-04
MV120Z	1.23E-05	5.57E-03	1.05E-03	4.52E-03	0.00E+00	0.00E+00	6.52E-02	6.20E-08	6.00E-06	3.73E-05	0.00E+00	1.10E-04	4.99E-10	1.46E-11	6.73E-04	1.21E-05	3.71E-04	0.00E+00	7.85E-06	1.85E-03	4.29E-02	0.00E+00	5.80E-11	7.50E-11	8.72E-06	2.22E-07	5.72E-03	0.00E+00	4.29E-02	1.05E-10	4.29E-02	4.86E-02	5.72E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MV125	1.48E-05	6.60E-03	1.24E-03	5.36E-03	0.00E+00	0.00E+00	7.72E-02	7.34E-08	7.11E-06	4.42E-05	0.00E+00	1.31E-04	5.91E-10	1.73E-11	7.98E-04	1.43E-05	4.40E-04	0.00E+00	9.30E-06	2.20E-03	5.08E-02	0.00E+00	6.87E-11	8.89E-11	1.03E-05	2.63E-07	6.78E-03	0.00E+00	5.08E-02	1.25E-10	5.08E-02	5.76E-02	6.78E-03	0.00E+00	0.00E+00	0.00E+00	3.99E-04
MV125Z	1.32E-05	5.94E-03	1.12E-03	4.82E-03	0.00E+00	0.00E+00	6.94E-02	6.60E-08	6.39E-06	3.97E-05	0.00E+00	1.17E-04	5.31E-10	1.55E-11	7.17E-04	1.28E-05	3.96E-04	0.00E+00	8.36E-06	1.97E-03	4.57E-02	0.00E+00	6.18E-11	8.00E-11	9.29E-06	2.37E-07	6.10E-03	0.00E+00	4.57E-02	1.12E-10	4.57E-02	5.18E-02	6.10E-03	0.00E+00	0.00E+00	0.00E+00	3.59E-04
MV132	2.81E-05	1.23E-02	2.32E-03	9.99E-03	0.00E+00	0.00E+00	1.44E-01	1.37E-07	1.32E-05	8.23E-05	0.00E+00	2.43E-04	1.10E-09	3.22E-11	1.49E-03	2.66E-05	8.21E-04	0.00E+00	1.73E-05	4.09E-03	9.46E-02	0.00E+00	1.28E-10	1.66E-10	1.92E-05	4.91E-07	1.26E-02	0.00E+00	9.46E-02	2.32E-10	9.46E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.44E-04
MV132Z	2.65E-05	1.17E-02	2.19E-03	9.46E-03	0.00E+00	0.00E+00	1.36E-01	1.30E-07	1.25E-05	7.79E-05	0.00E+00	2.30E-04	1.04E-09	3.05E-11	1.41E-03	2.52E-05	7.78E-04	0.00E+00	1.64E-05	3.87E-03	8.96E-02	0.00E+00	1.21E-10	1.57E-10	1.82E-05	4.65E-07	1.20E-02	0.00E+00	8.96E-02	2.20E-10	8.96E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.05E-04
MV140	2.98E-05	1.31E-02	2.46E-03	1.06E-02	0.00E+00	0.00E+00	1.53E-01	1.45E-07	1.41E-05	8.74E-05	0.00E+00	2.58E-04	1.17E-09	3.41E-11	1.58E-03	2.82E-05	8.72E-04	0.00E+00	1.84E-05	4.34E-03	1.00E-01	0.00E+00	1.36E-10	1.76E-10	2.04E-05	5.21E-07	1.34E-02	0.00E+00	1.00E-01	2.46E-10	1.00E-01	1.14E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	7.90E-04
MV140Z	2.80E-05	1.23E-02	2.31E-03	9.97E-03	0.00E+00	0.00E+00	1.44E-01	1.37E-07	1.32E-05	8.22E-05	0.00E+00	2.43E-04	1.10E-09	3.21E-11	1.48E-03	2.66E-05	8.20E-04	0.00E+00	1.73E-05	4.09E-03	9.45E-02	0.00E+00	1.28E-10	1.65E-10	1.92E-05	4.90E-07	1.26E-02	0.00E+00	9.45E-02	2.32E-10	9.45E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.43E-04
MV206	1.01E-04	4.38E-02	8.25E-03	3.56E-02	0.00E+00	0.00E+00	5.12E-01	4.87E-07	4.72E-05	2.93E-04	0.00E+00	8.66E-04	3.92E-09	1.15E-10	5.29E-03	9.48E-05	2.93E-03	0.00E+00	6.17E-05	1.46E-02	3.37E-01	0.00E+00	4.56E-10	5.90E-10	6.85E-05	1.75E-06	4.50E-02	0.00E+00	3.37E-01	8.27E-10	3.37E-01	3.82E-01	4.50E-02	0.00E+00	0.00E+00	0.00E+00	2.65E-03
MV220	4.40E-05	1.94E-02	3.65E-03	1.57E-02	0.00E+00	0.00E+00	2.27E-01	2.16E-07	2.09E-05	1.30E-04	0.00E+00	3.84E-04	1.74E-09	5.07E-11	2.34E-03	4.20E-05	1.29E-03	0.00E+00	2.73E-05	6.45E-03	1.49E-01	0.00E+00	2.02E-10	2.61E-10	3.03E-05	7.74E-07	1.99E-02	0.00E+00	1.49E-01	3.66E-10	1.49E-01	1.69E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
MV225	1.51E-05	6.97E-03	1.31E-03	5.66E-03	0.00E+00	0.00E+00	8.16E-02	7.75E-08	7.51E-06	4.67E-05	0.00E+00	1.38E-04	6.24E-10	1.82E-11	8.42E-04	1.51E-05	4.64E-04	0.00E+00	9.82E-06	2.32E-03	5.37E-02	0.00E+00	7.26E-11	9.39E-11	1.09E-05	2.78E-07	7.16E-03	0.00E+00	5.37E-02	1.32E-10	5.37E-02	6.08E-02	7.16E-03	0.00E+00	0.00E+00	0.00E+00	4.21E-04
MV232	5.80E-05	2.54E-02	4.79E-03	2.06E-02	0.00E+00	0.00E+00	2.97E-01	2.83E-07	2.74E-05	1.70E-04	0.00E+00	5.03E-04	2.27E-09	6.64E-11	3.07E-03	5.50E-05	1.70E-03	0.00E+00	3.58E-05	8.45E-03	1.96E-01	0.00E+00	2.64E-10	3.42E-10	3.97E-05	1.01E-06	2.61E-02	0.00E+00	1.96E-01	4.80E-10	1.96E-01	2.22E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
MV240	5.79E-05	2.54E-02	4.79E-03	2.06E-02	0.00E+00	0.00E+00	2.97E-01	2.83E-07	2.74E-05	1.70E-04	0.00E+00	5.03E-04	2.27E-09	6.64E-11	3.07E-03	5.50E-05	1.70E-03	0.00E+00	3.58E-05	8.45E-03	1.96E-01	0.00E+00	2.64E-10	3.42E-10	3.97E-05	1.01E-06	2.61E-02	0.00E+00	1.96E-01	4.80E-10	1.96E-01	2.22E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
MV332	9.38E-05	4.11E-02	7.73E-03	3.33E-02	0.00E+00	0.00E+00	4.80E-01	4.57E-07	4.42E-05	2.75E-04	0.00E+00	8.12E-04	3.67E-09	1.07E-10	4.96E-03	8.88E-05	2.74E-03	0.00E+00	5.79E-05	1.37E-02	3.16E-01	0.00E+00	4.27E-10	5.53E-10	6.42E-05	1.64E-06	4.22E-02	0.00E+00	3.16E-01	7.75E-10	3.16E-01	3.58E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.48E-03
MV340	7.90E-05	3.48E-02	6.55E-03	2.82E-02	0.00E+00	0.00E+00	4.07E-01	3.87E-07	3.74E-05	2.33E-04	0.00E+00	6.88E-04	3.11E-09	9.09E-11	4.20E-03	7.53E-05	2.32E-03	0.00E+00	4.90E-05	1.16E-02	2.68E-01	0.00E+00	3.62E-10	4.68E-10	5.44E-05	1.39E-06	3.57E-02	0.00E+00	2.68E-01	6.57E-10	2.68E-01	3.03E-01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	2.10E-03
MV432	1.20E-04	5.27E-02	9.92E-03	4.28E-02	0.00E+00	0.00E+00	6.16E-01	5.86E-07	5.67E-05	3.53E-04	0.00E+00	1.04E-03	4.71E-09	1.38E-10	6.37E-03	1.14E-04	3.52E-03	0.00E+00	7.42E-05	1.75E-02	4.06E-01	0.00E+00	5.48E-10	7.10E-10	8.24E-05	2.10E-06	5.41E-02	0.00E+00	4.06E-01	9.95E-10	4.06E-01	4.60E-01	5.41E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MV440	1.06E-04	4.68E-02	8.81E-03	3.80E-02	0.00E+00	0.00E+00	5.47E-01	5.20E-07	5.04E-05	3.13E-04	0.00E+00	9.25E-04	4.18E-09	1.22E-10	5.65E-03	1.01E-04	3.12E-03	0.00E+00	6.59E-05	1.56E-02	3.60E-01	0.00E+00	4.87E-10	6.30E-10	7.32E-05	1.87E-06	4.80E-02	0.00E+00	3.60E-01	8.83E-10	3.60E-01	4.08E-01	4.80E-02	0.00E+00	0.00E+00	0.00E+00	2.83E-03
MW106	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MW110	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MW116	1.34E-05	5.98E-03	1.13E-03	4.85E-03	0.00E+00	0.00E+00	7.00E-02	6.65E-08	6.44E-06	4.00E-05	0.00E+00	1.18E-04	5.35E-10	1.56E-11	7.22E-04	1.29E-05	3.99E-04	0.00E+00	8.42E-06	1.99E-03	4.60E-02	0.00E+00	6.22E-11	8.05E-11	9.35E-06	2.39E-07	6.14E-03	0.00E+00	4.60E-02	1.13E-10	4.60E-02	5.22E-02	6.14E-03	0.00E+00	0.00E+00	0.00E+00	3.62E-04
MW120	2.19E-05	9.73E-03	1.83E-03	7.89E-03	0.00E+00	0.00E+00	1.14E-01	1.08E-07	1.05E-05	6.51E-05	0.00E+00	1.92E-04	8.70E-10	2.54E-11	1.17E-03	2.10E-05	6.49E-04	0.00E+00	1.37E-05	3.23E-03	7.48E-02	0.00E+00	1.01E-10	1.31E-10	1.52E-05	3.88E-07	9.98E-03	0.00E+00	7.48E-02	1.84E-10	7.48E-02	8.48E-02	9.98E-03	0.00E+00	0.00E+00	0.00E+00	5.88E-04
MW125	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MW132	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MW140	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MW206	8.70E-05	3.79E-02	7.14E-03	3.08E-02	0.00E+00	0.00E+00	4.43E-01	4.21E-07	4.08E-05	2.54E-04	0.00E+00	7.49E-04	3.39E-09	9.91E-11	4.58E-03	8.20E-05	2.53E-03	0.00E+00	5.34E-05	1.26E-02	2.92E-01	0.00E+00	3.94E-10	5.10E-10	5.93E-05	1.51E-06	3.89E-02	0.00E+00	2.92E-01	7.15E-10	2.92E-01	3.31E-01	3.89E-02	0.00E+00	0.00E+00	0.00E+00	2.29E-03
MW210	8.47E-05	3.70E-02	6.96E-03	3.00E-02	0.00E+00	0.00E+00	4.32E-01	4.11E-07	3.98E-05	2.47E-04	0.00E+00	7.31E-04	3.31E-09	9.66E-11	4.47E-03	8.00E-05	2.47E-03	0.00E+00	5.21E-05	1.23E-02	2.84E-01	0.00E+00	3.84E-10	4.98E-10	5.78E-05	1.47E-06	3.79E-02	0.00E+00	2.84E-01	6.98E-10	2.84E-01	3.22E-01	3.79E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-03
MW225	1.81E-05	8.27E-03	1.56E-03	6.71E-03	0.00E+00	0.00E+00	9.68E-02	9.20E-08	8.91E-06	5.54E-05	0.00E+00	1.64E-04	7.40E-10	2.16E-11	9.99E-04	1.79E-05	5.51E-04	0.00E+00	1.16E-05	2.75E-03	6.37E-02	0.00E+00	8.61E-11	1.11E-10	1.29E-05	3.30E-07	8.49E-03	0.00E+00	6.37E-02	1.56E-10	6.37E-02	7.22E-02	8.49E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04
MW232	5.95E-05	2.61E-02	4.92E-03	2.12E-02	0.00E+00	0.00E+00	3.05E-01	2.90E-07	2.81E-05	1.75E-04	0.00E+00	5.16E-04	2.33E-09	6.82E-11	3.15E-03	5.65E-05	1.74E-03	0.00E+00	3.68E-05	8.68E-03	2.01E-01	0.00E+00	2.71E-10	3.51E-10	4.08E-05	1.04E-06	2.68E-02	0.00E+00	2.01E-01	4.93E-10	2.01E-01	2.28E-01	2.68E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-03
MW240	6.19E-05	2.71E-02	5.11E-03	2.20E-02	0.00E+00	0.00E+00	3.17E-01	3.02E-07	2.92E-05	1.81E-04	0.00E+00	5.36E-04	2.43E-09	7.09E-11	3.28E-03	5.87E-05	1.81E-03	0.00E+00	3.82E-05	9.02E-03	2.09E-01	0.00E+00	2.82E-10	3.65E-10	4.24E-05	1.08E-06	2.78E-02	0.00E+00	2.09E-01	5.12E-10	2.09E-01	2.37E-01	2.78E-02	0.00E+00	0.00E+00	0.00E+00	1.64E-03
MW306	1.31E-04	5.72E-02	1.08E-02	4.64E-02	0.00E+00	0.00E+00	6.69E-01	6.36E-07	6.15E-05	3.83E-04	0.00E+00	1.13E-03	5.11E-09	1.49E-10	6.91E-03	1.24E-04	3.82E-03	0.00E+00	8.06E-05	1.90E-02	4.40E-01	0.00E+00	5.95E-10	7.70E-10	8.94E-05	2.28E-06	5.87E-02	0.00E+00	4.40E-01	1.08E-09	4.40E-01	4.99E-01	5.87E-02	0.00E+00	0.00E+00	0.00E+00	3.46E-03
MW310	1.26E-04	5.52E-02	1.04E-02	4.48E-02	0.00E+00	0.00E+00	6.45E-01	6.13E-07	5.94E-05	3.69E-04	0.00E+00	1.09E-03	4.93E-09	1.44E-10	6.66E-03	1.19E-04	3.68E-03	0.00E+00	7.77E-05	1.83E-02	4.24E-01	0.00E+00	5.74E-10	7.43E-10	8.62E-05	2.20E-06	5.66E-02	0.00E+00	4.24E-01	1.04E-09	4.24E-01	4.81E-01	5.66E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
MW316	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MW320	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MW325	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MW332	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MW340	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MW350	9.32E-05	4.10E-02	7.72E-03	3.33E-02	0.00E+00	0.00E+00	4.79E-01	4.56E-07	4.41E-05	2.74E-04	0.00E+00	8.10E-04	3.67E-09	1.07E-10	4.95E-03	8.87E-05	2.74E-03	0.00E+00	5.77E-05	1.36E-02	3.15E-01	0.00E+00	4.26E-10	5.52E-10	6.41E-05	1.63E-06	4.21E-02	0.00E+00	3.15E-01	7.73E-10	3.15E-01	3.57E-01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	2.48E-03
MW363	1.03E-04	4.52E-02	8.51E-03	3.67E-02	0.00E+00	0.00E+00	5.28E-01	5.02E-07	4.86E-05	3.02E-04	0.00E+00	8.93E-04	4.04E-09	1.18E-10	5.46E-03	9.77E-05	3.02E-03	0.00E+00	6.36E-05	1.50E-02	3.48E-01	0.00E+00	4.70E-10	6.08E-10	7.06E-05	1.80E-06	4.64E-02	0.00E+00	3.48E-01	8.53E-10	3.48E-01	3.94E-01	4.64E-02	0.00E+00	0.00E+00	0.00E+00	2.73E-03
MW406	1.78E-04	7.75E-02	1.46E-02	6.29E-02	0.00E+00	0.00E+00	9.06E-01	8.62E-07	8.34E-05	5.19E-04	0.00E+00	1.53E-03	6.93E-09	2.03E-10	9.36E-03	1.68E-04	5.18E-03	0.00E+00	1.09E-04	2.58E-02	5.96E-01	0.00E+00	8.06E-10	1.04E-09	1.21E-04	3.09E-06	7.96E-02	0.00E+00	5.96E-01	1.46E-09	5.96E-01	6.76E-01	7.96E-02	0.00E+00	0.00E+00	0.00E+00	4.69E-03
MW410	1.78E-04	7.75E-02	1.46E-02	6.29E-02	0.00E+00	0.00E+00	9.06E-01	8.62E-07	8.34E-05	5.18E-04	0.00E+00	1.53E-03	6.93E-09	2.03E-10	9.36E-03	1.68E-04	5.18E-03	0.00E+00	1.09E-04	2.58E-02	5.96E-01	0.00E+00	8.06E-10	1.04E-09	1.21E-04	3.09E-06	7.96E-02	0.00E+00	5.96E-01	1.46E-09	5.96E-01	6.76E-01	7.96E-02	0.00E+00	0.00E+00	0.00E+00	4.69E-03
MW416	1.70E-04	7.42E-02	1.40E-02	6.03E-02	0.00E+00	0.00E+00	8.68E-01	8.25E-07	7.99E-05	4.97E-04	0.00E+00	1.47E-03	6.64E-09	1.94E-10	8.97E-03	1.61E-04	4.96E-03	0.00E+00	1.05E-04	2.47E-02	5.71E-01	0.00E+00	7.72E-10	9.99E-10	1.16E-04	2.96E-06	7.62E-02	0.00E+00	5.71E-01	1.40E-09	5.71E-01	6.47E-01	7.62E-02	0.00E+00	0.00E+00	0.00E+00	4.49E-03
MW420	1.12E-04	4.90E-02	9.23E-03	3.98E-02	0.00E+00	0.00E+00	5.73E-01	5.45E-07	5.28E-05	3.28E-04	0.00E+00	9.69E-04	4.38E-09	1.28E-10	5.92E-03	1.06E-04	3.27E-03	0.00E+00	6.91E-05	1.63E-02	3.77E-01	0.00E+00	5.10E-10	6.60E-10	7.67E-05	1.96E-06	5.03E-02	0.00E+00	3.77E-01	9.25E-10	3.77E-01	4.28E-01	5.03E-02	0.00E+00	0.00E+00	0.00E+00	2.97E-03
MW425	4.62E-06	2.94E-03	5.57E-04	2.38E-03	0.00E+00	0.00E+00	3.46E-02	3.28E-08	3.18E-06	1.98E-05	0.00E+00	5.85E-05	2.65E-10	7.73E-12	3.54E-04	6.40E-06	1.92E-04	0.00E+00	4.13E-06	9.74E-04	2.27E-02	0.00E+00	3.07E-11	3.97E-11	4.62E-06	1.17E-07	3.03E-03	0.00E+00	2.27E-02	5.56E-11	2.27E-02	2.57E-02	3.03E-03	0.00E+00	0.00E+00	0.00E+00	1.77E-04

MW432	1.22E-04	5.34E-02	1.00E-02	4.33E-02	0.00E+00	0.00E+00	6.24E-01	5.93E-07	5.74E-05	3.57E-04	0.00E+00	1.05E-03	4.77E-09	1.39E-10	6.44E-03	1.15E-04	3.56E-03	0.00E+00	7.52E-05	1.77E-02	4.10E-01	0.00E+00	5.55E-10	7.18E-10	8.34E-05	2.13E-06	5.48E-02	0.00E+00	4.10E-01	1.01E-09	4.10E-01	4.65E-01	5.48E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
MW440	1.00E-04	4.41E-02	8.30E-03	3.58E-02	0.00E+00	0.00E+00	5.15E-01	4.90E-07	4.74E-05	2.95E-04	0.00E+00	8.72E-04	3.94E-09	1.15E-10	5.32E-03	9.54E-05	2.94E-03	0.00E+00	6.21E-05	1.47E-02	3.39E-01	0.00E+00	4.58E-10	5.94E-10	6.89E-05	1.76E-06	4.52E-02	0.00E+00	3.39E-01	8.32E-10	3.39E-01	3.84E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
MWN102A	2.63E-05	1.12E-02	2.11E-03	9.09E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.21E-05	7.49E-05	0.00E+00	2.21E-04	1.00E-09	2.93E-11	1.35E-03	2.42E-05	7.47E-04	0.00E+00	1.58E-05	3.72E-03	8.62E-02	0.00E+00	1.16E-10	1.51E-10	1.75E-05	4.47E-07	1.15E-02	0.00E+00	8.62E-02	2.11E-10	8.62E-02	9.77E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.77E-04
MWN104A	3.62E-05	1.55E-02	2.92E-03	1.26E-02	0.00E+00	0.00E+00	1.82E-01	1.73E-07	1.67E-05	1.04E-04	0.00E+00	3.07E-04	1.39E-09	4.06E-11	1.88E-03	3.36E-05	1.04E-03	0.00E+00	2.19E-05	5.16E-03	1.19E-01	0.00E+00	1.61E-10	2.09E-10	2.43E-05	6.19E-07	1.59E-02	0.00E+00	1.19E-01	2.93E-10	1.19E-01	1.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.39E-04
MWN106	1.09E-05	4.95E-03	9.32E-04	4.02E-03	0.00E+00	0.00E+00	5.79E-02	5.50E-08	5.33E-06	3.31E-05	0.00E+00	9.79E-05	4.43E-10	1.29E-11	5.98E-04	1.07E-05	3.30E-04	0.00E+00	6.97E-06	1.65E-03	3.81E-02	0.00E+00	5.15E-11	6.66E-11	7.74E-06	1.97E-07	5.08E-03	0.00E+00	3.81E-02	9.34E-11	3.81E-02	4.32E-02	5.08E-03	0.00E+00	0.00E+00	0.00E+00	2.99E-04
MWN106A	2.99E-05	1.31E-02	2.48E-03	1.07E-02	0.00E+00	0.00E+00	1.54E-01	1.46E-07	1.41E-05	8.79E-05	0.00E+00	2.60E-04	1.18E-09	3.44E-11	1.59E-03	2.84E-05	8.78E-04	0.00E+00	1.85E-05	4.37E-03	1.01E-01	0.00E+00	1.37E-10	1.77E-10	2.06E-05	5.24E-07	1.35E-02	0.00E+00	1.01E-01	2.48E-10	1.01E-01	1.15E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	7.95E-04
MWN110	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MWN110A	3.42E-05	1.50E-02	2.82E-03	1.22E-02	0.00E+00	0.00E+00	1.75E-01	1.67E-07	1.61E-05	1.00E-04	0.00E+00	2.96E-04	1.34E-09	3.92E-11	1.81E-03	3.24E-05	1.00E-03	0.00E+00	2.11E-05	4.98E-03	1.15E-01	0.00E+00	1.56E-10	2.02E-10	2.34E-05	5.98E-07	1.54E-02	0.00E+00	1.15E-01	2.83E-10	1.15E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.06E-04
MWN116	6.72E-05	2.92E-02	5.50E-03	2.37E-02	0.00E+00	0.00E+00	3.41E-01	3.24E-07	3.14E-05	1.95E-04	0.00E+00	5.77E-04	2.61E-09	7.63E-11	3.53E-03	6.31E-05	1.95E-03	0.00E+00	4.11E-05	9.71E-03	2.25E-01	0.00E+00	3.04E-10	3.93E-10	4.56E-05	1.16E-06	3.00E-02	0.00E+00	2.25E-01	5.51E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MWN116A	1.21E-05	5.49E-03	1.03E-03	4.46E-03	0.00E+00	0.00E+00	6.43E-02	6.11E-08	5.91E-06	3.68E-05	0.00E+00	1.09E-04	4.92E-10	1.44E-11	6.63E-04	1.19E-05	3.66E-04	0.00E+00	7.74E-06	1.83E-03	4.23E-02	0.00E+00	5.71E-11	7.40E-11	8.59E-06	2.19E-07	5.64E-03	0.00E+00	4.23E-02	1.04E-10	4.23E-02	4.79E-02	5.64E-03	0.00E+00	0.00E+00	0.00E+00	3.32E-04
MWN120	5.59E-05	2.43E-02	4.58E-03	1.97E-02	0.00E+00	0.00E+00	2.84E-01	2.70E-07	2.62E-05	1.63E-04	0.00E+00	4.81E-04	2.17E-09	6.36E-11	2.94E-03	5.26E-05	1.62E-03	0.00E+00	3.43E-05	8.09E-03	1.87E-01	0.00E+00	2.53E-10	3.27E-10	3.80E-05	9.70E-07	2.50E-02	0.00E+00	1.87E-01	4.59E-10	1.87E-01	2.12E-01	2.50E-02	0.00E+00	0.00E+00	0.00E+00	1.47E-03
MWN120A	1.05E-05	4.81E-03	9.06E-04	3.90E-03	0.00E+00	0.00E+00	5.62E-02	5.34E-08	5.18E-06	3.22E-05	0.00E+00	9.51E-05	4.30E-10	1.26E-11	5.80E-04	1.04E-05	3.20E-04	0.00E+00	6.77E-06	1.60E-03	3.70E-02	0.00E+00	5.00E-11	6.47E-11	7.52E-06	1.92E-07	4.93E-03	0.00E+00	3.70E-02	9.07E-11	3.70E-02	4.19E-02	4.93E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MWN125	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MWN125A	1.12E-05	5.08E-03	9.57E-04	4.12E-03	0.00E+00	0.00E+00	5.94E-02	5.65E-08	5.47E-06	3.40E-05	0.00E+00	1.00E-04	4.55E-10	1.33E-11	6.14E-04	1.10E-05	3.38E-04	0.00E+00	7.15E-06	1.69E-03	3.91E-02	0.00E+00	5.29E-11	6.84E-11	7.95E-06	2.03E-07	5.22E-03	0.00E+00	3.91E-02	9.59E-11	3.91E-02	4.43E-02	5.22E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
MWN132	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
MWN132A	3.95E-05	1.73E-02	3.25E-03	1.40E-02	0.00E+00	0.00E+00	2.02E-01	1.92E-07	1.86E-05	1.15E-04	0.00E+00	3.41E-04	1.54E-09	4.51E-11	2.08E-03	3.73E-05	1.15E-03	0.00E+00	2.43E-05	5.74E-03	1.33E-01	0.00E+00	1.79E-10	2.32E-10	2.70E-05	6.88E-07	1.77E-02	0.00E+00	1.33E-01	3.26E-10	1.33E-01	1.50E-01	1.77E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
MWN140	3.07E-05	1.35E-02	2.53E-03	1.09E-02	0.00E+00	0.00E+00	1.57E-01	1.50E-07	1.45E-05	9.00E-05	0.00E+00	2.66E-04	1.20E-09	3.52E-11	1.63E-03	2.91E-05	8.98E-04	0.00E+00	1.90E-05	4.48E-03	1.04E-01	0.00E+00	1.40E-10	1.81E-10	2.10E-05	5.37E-07	1.38E-02	0.00E+00	1.04E-01	2.54E-10	1.04E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.14E-04
MWN150	1.24E-05	5.58E-03	1.05E-03	4.53E-03	0.00E+00	0.00E+00	6.52E-02	6.20E-08	6.00E-06	3.73E-05	0.00E+00	1.10E-04	4.99E-10	1.46E-11	6.73E-04	1.21E-05	3.72E-04	0.00E+00	7.85E-06	1.85E-03	4.29E-02	0.00E+00	5.80E-11	7.51E-11	8.72E-06	2.22E-07	5.72E-03	0.00E+00	4.29E-02	1.05E-10	4.29E-02	4.86E-02	5.72E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MWN202A	4.94E-05	2.13E-02	4.02E-03	1.73E-02	0.00E+00	0.00E+00	2.49E-01	2.37E-07	2.30E-05	1.43E-04	0.00E+00	4.22E-04	1.91E-09	5.57E-11	2.58E-03	4.61E-05	1.42E-03	0.00E+00	3.00E-05	7.09E-03	1.64E-01	0.00E+00	2.22E-10	2.87E-10	3.34E-05	8.51E-07	2.19E-02	0.00E+00	1.64E-01	4.03E-10	1.64E-01	1.86E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
MWN204A	7.08E-05	3.07E-02	5.77E-03	2.49E-02	0.00E+00	0.00E+00	3.59E-01	3.41E-07	3.30E-05	2.05E-04	0.00E+00	6.06E-04	2.74E-09	8.01E-11	3.70E-03	6.63E-05	2.05E-03	0.00E+00	4.32E-05	1.02E-02	2.36E-01	0.00E+00	3.19E-10	4.13E-10	4.79E-05	1.22E-06	3.15E-02	0.00E+00	2.36E-01	5.79E-10	2.36E-01	2.67E-01	3.15E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
MWN206	7.26E-05	3.17E-02	5.97E-03	2.57E-02	0.00E+00	0.00E+00	3.71E-01	3.52E-07	3.41E-05	2.12E-04	0.00E+00	6.27E-04	2.84E-09	8.29E-11	3.83E-03	6.86E-05	2.12E-03	0.00E+00	4.47E-05	1.05E-02	2.44E-01	0.00E+00	3.30E-10	4.27E-10	4.96E-05	1.26E-06	3.25E-02	0.00E+00	2.44E-01	5.98E-10	2.44E-01	2.77E-01	3.25E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-03
MWN206A	1.97E-05	8.98E-03	1.69E-03	7.29E-03	0.00E+00	0.00E+00	1.05E-01	9.99E-08	9.67E-06	6.01E-05	0.00E+00	1.78E-04	8.04E-10	2.35E-11	1.08E-03	1.94E-05	5.98E-04	0.00E+00	1.26E-05	2.99E-03	6.91E-02	0.00E+00	9.34E-11	1.21E-10	1.40E-05	3.58E-07	9.22E-03	0.00E+00	6.91E-02	1.70E-10	6.91E-02	7.83E-02	9.22E-03	0.00E+00	0.00E+00	0.00E+00	5.43E-04
MWN210	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN210A	1.93E-05	8.78E-03	1.65E-03	7.13E-03	0.00E+00	0.00E+00	1.03E-01	9.77E-08	9.46E-06	5.88E-05	0.00E+00	1.74E-04	7.86E-10	2.30E-11	1.06E-03	1.90E-05	5.85E-04	0.00E+00	1.24E-05	2.92E-03	6.76E-02	0.00E+00	9.14E-11	1.18E-10	1.37E-05	3.50E-07	9.02E-03	0.00E+00	6.76E-02	1.66E-10	6.76E-02	7.66E-02	9.02E-03	0.00E+00	0.00E+00	0.00E+00	5.31E-04
MWN216	2.05E-05	9.29E-03	1.75E-03	7.54E-03	0.00E+00	0.00E+00	1.09E-01	1.03E-07	1.00E-05	6.21E-05	0.00E+00	1.84E-04	8.31E-10	2.43E-11	1.12E-03	2.01E-05	6.18E-04	0.00E+00	1.31E-05	3.09E-03	7.15E-02	0.00E+00	9.66E-11	1.25E-10	1.45E-05	3.70E-07	9.53E-03	0.00E+00	7.15E-02	1.75E-10	7.15E-02	8.10E-02	9.53E-03	0.00E+00	0.00E+00	0.00E+00	5.61E-04
MWN216A	1.86E-05	8.48E-03	1.60E-03	6.88E-03	0.00E+00	0.00E+00	9.92E-02	9.42E-08	9.13E-06	5.67E-05	0.00E+00	1.68E-04	7.59E-10	2.22E-11	1.02E-03	1.83E-05	5.64E-04	0.00E+00	1.19E-05	2.82E-03	6.52E-02	0.00E+00	8.82E-11	1.14E-10	1.33E-05	3.38E-07	8.70E-03	0.00E+00	6.52E-02	1.60E-10	6.52E-02	7.39E-02	8.70E-03	0.00E+00	0.00E+00	0.00E+00	5.12E-04
MWN220	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN220A	2.44E-05	1.09E-02	2.06E-03	8.88E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.32E-05	0.00E+00	2.16E-04	9.79E-10	2.86E-11	1.32E-03	2.37E-05	7.29E-04	0.00E+00	1.54E-05	3.64E-03	8.42E-02	0.00E+00	1.14E-10	1.47E-10	1.71E-05	4.37E-07	1.12E-02	0.00E+00	8.42E-02	2.07E-10	8.42E-02	9.55E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.62E-04
MWN225	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN225A	1.88E-05	8.56E-03	1.61E-03	6.95E-03	0.00E+00	0.00E+00	1.00E-01	9.52E-08	9.22E-06	5.73E-05	0.00E+00	1.69E-04	7.66E-10	2.24E-11	1.03E-03	1.85E-05	5.70E-04	0.00E+00	1.21E-05	2.85E-03	6.59E-02	0.00E+00	8.91E-11	1.15E-10	1.34E-05	3.42E-07	8.79E-03	0.00E+00	6.59E-02	1.62E-10	6.59E-02	7.47E-02	8.79E-03	0.00E+00	0.00E+00	0.00E+00	5.18E-04
MWN232	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN232A	6.83E-05	2.99E-02	5.63E-03	2.43E-02	0.00E+00	0.00E+00	3.50E-01	3.32E-07	3.22E-05	2.00E-04	0.00E+00	5.91E-04	2.67E-09	7.82E-11	3.61E-03	6.47E-05	2.00E-03	0.00E+00	4.21E-05	9.95E-03	2.30E-01	0.00E+00	3.11E-10	4.03E-10	4.68E-05	1.19E-06	3.07E-02	0.00E+00	2.30E-01	5.64E-10	2.30E-01	2.61E-01	3.07E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
MWN240	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN240A	6.75E-05	2.95E-02	5.56E-03	2.40E-02	0.00E+00	0.00E+00	3.45E-01	3.28E-07	3.18E-05	1.98E-04	0.00E+00	5.84E-04	2.64E-09	7.72E-11	3.57E-03	6.39E-05	1.97E-03	0.00E+00	4.16E-05	9.82E-03	2.27E-01	0.00E+00	3.07E-10	3.98E-10	4.62E-05	1.18E-06	3.03E-02	0.00E+00	2.27E-01	5.57E-10	2.27E-01	2.57E-01	3.03E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
MWN250	6.68E-05	2.92E-02	5.51E-03	2.37E-02	0.00E+00	0.00E+00	3.42E-01	3.25E-07	3.15E-05	1.96E-04	0.00E+00	5.78E-04	2.62E-09	7.64E-11	3.53E-03	6.32E-05	1.95E-03	0.00E+00	4.12E-05	9.73E-03	2.25E-01	0.00E+00	3.04E-10	3.94E-10	4.57E-05	1.17E-06	3.00E-02	0.00E+00	2.25E-01	5.52E-10	2.25E-01	2.55E-01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
MWN263	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MWN302A	6.39E-05	2.78E-02	5.23E-03	2.25E-02	0.00E+00	0.00E+00	3.25E-01	3.09E-07	2.99E-05	1.86E-04	0.00E+00	5.49E-04	2.48E-09	7.26E-11	3.35E-03	6.01E-05	1.85E-03	0.00E+00	3.91E-05	9.23E-03	2.14E-01	0.00E+00	2.89E-10	3.74E-10	4.34E-05	1.11E-06	2.85E-02	0.00E+00	2.14E-01	5.24E-10	2.14E-01	2.42E-01	2.85E-02	0.00E+00	0.00E+00	0.00E+00	1.68E-03
MWN304A	1.08E-04	4.69E-02	8.83E-03	3.81E-02	0.00E+00	0.00E+00	5.49E-01	5.21E-07	5.05E-05	3.14E-04	0.00E+00	9.27E-04	4.20E-09	1.23E-10	5.67E-03	1.01E-04	3.13E-03	0.00E+00	6.61E-05	1.56E-02	3.61E-01	0.00E+00	4.88E-10	6.32E-10	7.34E-05	1.87E-06	4.82E-02	0.00E+00	3.61E-01	8.85E-10	3.61E-01	4.09E-01	4.82E-02	0.00E+00	0.00E+00	0.00E+00	2.84E-03
MWN306	1.07E-04	4.66E-02	8.77E-03	3.78E-02	0.00E+00	0.00E+00	5.45E-01	5.18E-07	5.01E-05	3.12E-04	0.00E+00	9.21E-04	4.17E-09	1.22E-10	5.63E-03	1.01E-04	3.11E-03	0.00E+00	6.56E-05	1.55E-02	3.58E-01	0.00E+00	4.84E-10	6.27E-10	7.28E-05	1.86E-06	4.78E-02	0.00E+00	3.58E-01	8.79E-10	3.58E-01	4.06E-01	4.78E-02	0.00E+00	0.00E+00	0.00E+00	2.82E-03
MWN306A	9.91E-05	4.34E-02	8.16E-03	3.52E-02	0.00E+00	0.00E+00	5.07E-01	4.82E-07	4.66E-05	2.90E-04	0.00E+00	8.57E-04	3.88E-09	1.13E-10	5.24E-03	9.38E-05	2.89E-03	0.00E+00	6.11E-05	1.44E-02	3.33E-01	0.00E+00	4.51E-10	5.84E-10	6.78E-05	1.73E-06	4.45E-02	0.00E+00	3.33E-01	8.18E-10	3.33E-01	3.78E-01	4.45E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
MWN310	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN310A	1.04E-04	4.56E-02	8.59E-03	3.70E-02	0.00E+00	0.00E+00	5.33E-01	5.07E-07	4.91E-05	3.05E-04	0.00E+00	9.02E-04	4.08E-09	1.19E-10	5.51E-03	9.87E-05	3.05E-03	0.00E+00	6.43E-05	1.52E-02	3.51E-01	0.00E+00	4.74E-10	6.14E-10	7.13E-05	1.82E-06	4.68E-02	0.00E+00	3.51E-01	8.61E-10	3.51E-01	3.98E-01	4.68E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
MWN316	5.61E-05	2.49E-02	4.69E-03	2.02E-02	0.00E+00	0.00E+00	2.91E-01	2.77E-07	2.68E-05	1.66E-04	0.00E+00	4.92E-04	2.23E-09	6.50E-11	3.01E-03	5.38E-05	1.66E-03	0.00E+00	3.50E-05	8.27E-03	1.91E-01	0.00E+00	2.59E-10	3.35E-10	3.89E-05	9.93E-07	2.55E-02	0.00E+00	1.91E-01	4.70E-10	1.91E-01	2.17E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MWN316A	5.60E-05	2.48E-02	4.67E-03	2.01E-02	0.00E+00	0.00E+00	2.90E-01	2.76E-07	2.67E-05	1.66E-04	0.00E+00	4.91E-04	2.22E-09	6.49E-11	3.00E-03	5.37E-05	1.66E-03	0.00E+00	3.50E-05	8.25E-03	1.91E-01	0.00E+00	2.58E-10	3.34E-10	3.88E-05	9.90E-07	2.55E-02	0.00E+00	1.91E-01	4.68E-10	1.91E-01	2.16E-01	2.55E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-03
MWN320	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN320A	2.83E-05	1.29E-02	2.43E-03	1.05E-02	0.00E+00	0.00E+00	1.51E-01	1.43E-07	1.39E-05	8.63E-05	0.00E+00	2.55E-04	1.15E-09	3.37E-11	1.56E-03	2.79E-05	8.58E-04	0.00E+00	1.82E-05	4.29E-03	9.92E-02	0.00E+00	1.34E-10	1.74E-10	2.02E-05	5.14E-07	1.32E-02	0.00E+00	9.92E-02	2.43E-10	9.92E-02	1.12E-01	1.32E-02	0.00E+00	0.00E+00	0.00E+00	7.79E-04
MWN325	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN325A	1.18E-04	5.15E-02	9.69E-03	4.18E-02	0.00E+00	0.00E+00	6.02E-01	5.72E-07	5.54E-05	3.44E-04	0.00E+00	1.02E-03	4.60E-09	1.34E-10	6.22E-03	1.11E-04	3.44E-03	0.00E+00	7.25E-05	1.71E-02	3.96E-01	0.00E+00	5.35E-10	6.93E-10	8.05E-05	2.05E-06	5.28E-02	0.00E+00	3.96E-01	9.71E-10	3.96E-01	4.49E-01	5.28E-02	0.00E+00	0.00E+00	0.00E+00	3.11E-03
MWN332	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN332A	1.10E-04	4.80E-02	9.03E-03	3.89E-02	0.00E+00	0.00E+00	5.61E-01	5.33E-07	5.16E-05	3.21E-04	0.00E+00	9.48E-04	4.29E-09	1.25E-10	5.79E-03	1.04E-04	3.20E-03	0.00E+00	6.75E-05	1.59E-02	3.69E-01	0.00E+00	4.98E-10	6.45E-10	7.50E-05	1.91E-06	4.92E-02	0.00E+00	3.69E-01	9.05E-10	3.69E-01	4.18E-01	4.92E-02	0.00E+00	0.00E+00	0.00E+00	2.90E-03
MWN340	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN340A	8.66E-05	3.80E-02	7.16E-03	3.09E-02	0.00E+00	0.00E+00	4.45E-01	4.23E-07	4.09E-05	2.54E-04	0.00E+00	7.52E-04	3.40E-09	9.94E-11	4.60E-03	8.23E-05	2.54E-03	0.00E+00	5.36E-05	1.27E-02	2.93E-01	0.00E+00	3.96E-10	5.12E-10	5.95E-05	1.52E-06	3.90E-02	0.00E+00	2.93E-01	7.18E-10	2.93E-01	3.32E-01	3.90E-02	0.00E+00	0.00E+00	0.00E+00	2.30E-03
MWN350	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN363	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MWN406	1.32E-04	5.79E-02	1.09E-02	4.70E-02	0.00E+00	0.00E+00	6.77E-01	6.43E-07	6.23E-05	3.87E-04	0.00E+00	1.14E-03	5.18E-09	1.51E-10	6.99E-03	1.25E-04	3.86E-03	0.00E+00	8.15E-05	1.92E-02	4.45E-01	0.00E+00	6.02E-10	7.79E-10	9.05E-05	2.31E-06	5.94E-02	0.00E+00	4.45E-01	1.09E-09	4.45E-01	5.05E-01	5.94E-02	0.00E+00	0.00E+00	0.00E+00	3.50E-03
MWN410	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN416	7.48E-05	3.32E-02	6.24E-03	2.69E-02	0.00E+00	0.00E+00	3.88E-01	3.69E-07	3.57E-05	2.22E-04	0.00E+00	6.56E-04	2.97E-09	8.67E-11	4.01E-03	7.17E-05	2.21E-03	0.00E+00	4.67E-05	1.10E-02	2.55E-01	0.00E+00	3.45E-10	4.47E-10	5.19E-05	1.32E-06	3.40E-02	0.00E+00	2.55E-01	6.26E-10	2.55E-01	2.89E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MWN420	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN425	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN432	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN440	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN450	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN463	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MWN510	3.53E-05	1.57E-02	2.96E-03	1.27E-02	0.00E+00	0.00E+00	1.84E-01	1.74E-07	1.69E-05	1.05E-04	0.00E+00	3.10E-04	1.40E-09	4.10E-11	1.90E-03	3.40E-05	1.05E-03	0.00E+00	2.21E-05	5.22E-03	1.21E-01	0.00E+00	1.63E-10	2.11E-10	2.45E-05	6.26E-07	1.61E-02	0.00E+00	1.21E-01	2.96E-10	1.21E-01	1.37E-01	1.61E-02	0.00E+00	0.00E+00	0.00E+00	9.49E-04
MWN516	3.25E-06	1.93E-03	3.65E-04	1.56E-03	0.00E+00	0.00E+00	2.27E-02	2.15E-08	2.08E-06	1.29E-05	0.00E+00	3.83E-05	1.73E-10	5.06E-12	2.32E-04	4.19E-06	1.27E-04	0.00E+00	2.71E-06	6.40E-04	1.49E-02	0.00E+00	2.01E-11	2.60E-11	3.03E-06	7.70E-08	1.98E-03	0.00E+00	1.49E-02	3.64E-11	1.49E-02	1.69E-02	1.98E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MWN520	4.78E-06	2.56E-03	4.84E-04	2.08E-03	0.00E+00	0.00E+00	3.00E-02	2.85E-08	2.76E-06	1.72E-05	0.00E+00	5.08E-05	2.30E-10	6.71E-12	3.09E-04	5.56E-06	1.69E-04	0.00E+00	3.60E-06	8.50E-04	1.97E-02	0.00E+00	2.67E-11	3.45E-11	4.01E-06	1.02E-07	2.63E-03	0.00E+00	1.97E-02	4.84E-11	1.97E-02	2.24E-02	2.63E-03	0.00E+00	0.00E+00	0.00E+00	1.55E-04
MWN532	5.30E-05	2.33E-02	4.40E-03	1.90E-02	0.00E+00	0.00E+00	2.73E-01	2.59E-07	2.51E-05	1.56E-04	0.00E+00	4.62E-04	2.09E-09	6.10E-11	2.82E-03	5.05E-05	1.56E-03	0.00E+00	3.29E-05	7.76E-03	1.80E-01	0.00E+00	2.43E-10	3.14E-10	3.65E-05	9.31E-07	2.40E-02	0.00E+00	1.80E-01	4.41E-10	1.80E-01	2.04E-01	2.40E-02	0.00E+00	0.00E+00	0.00E+00	1.41E-03
MWN540	6.71E-05	2.94E-02	5.53E-03	2.39E-02	0.00E+00	0.00E+00	3.44E-01	3.27E-07	3.16E-05	1.97E-04	0.00E+00	5.81E-04	2.63E-09	7.68E-11	3.55E-03	6.36E-05	1.96E-03	0.00E+00	4.14E-05	9.77E-03	2.26E-01	0.00E+00	3.06E-10	3.96E-10	4.59E-05	1.17E-06	3.02E-02	0.00E+00	2.26E-01	5.55E-10	2.26E-01	2.56E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
MWN602A	9.02E-05	3.93E-02	7.40E-03	3.19E-02	0.00E+00	0.00E+00	4.60E-01	4.37E-07	4.23E-05	2.63E-04	0.00E+00	7.77E-04	3.52E-09	1.03E-10	4.75E-03	8.50E-05	2.62E-03	0.00E+00	5.53E-05	1.31E-02	3.02E-01	0.00E+00	4.09E-10	5.29E-10	6.15E-05	1.57E-06	4.03E-02	0.00E+00	3.02E-01	7.42E-10	3.02E-01	3.43E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.38E-03
MWN604A	1.58E-04	6.86E-02	1.29E-02	5.57E-02	0.00E+00	0.00E+00	8.02E-01	7.63E-07	7.38E-05	4.59E-04	0.00E+00	1.36E-03	6.14E-09	1.79E-10	8.29E-03	1.48E-04	4.58E-03	0.00E+00	9.66E-05	2.28E-02	5.28E-01	0.00E+00	7.13E-10	9.24E-10	1.07E-04	2.74E-06	7.04E-02	0.00E+00	5.28E-01	1.29E-09	5.28E-01	5.98E-01	7.04E-02	0.00E+00	0.00E+00	0.00E+00	4.15E-03
MWN606A	1.26E-04	5.50E-02	1.04E-02	4.46E-02	0.00E+00	0.00E+00	6.43E-01	6.11E-07	5.92E-05	3.68E-04	0.00E+00	1.09E-03	4.92E-09	1.44E-10	6.64E-03	1.19E-04	3.67E-03	0.00E+00	7.74E-05	1.83E-02	4.23E-01	0.00E+00	5.72E-10	7.40E-10	8.60E-05	2.19E-06	5.64E-02	0.00E+00	4.23E-01	1.04E-09	4.23E-01	4.79E-01	5.64E-02	0.00E+00	0.00E+00	0.00E+00	3.33E-03
MWN610A	1.13E-04	4.96E-02	9.33E-03	4.02E-02	0.00E+00	0.00E+00	5.80E-01	5.51E-07	5.33E-05	3.32E-04	0.00E+00	9.80E-04	4.43E-09	1.30E-10	5.99E-03	1.07E-04	3.31E-03	0.00E+00	6.98E-05	1.65E-02	3.81E-01	0.00E+00	5.15E-10	6.67E-10	7.75E-05	1.98E-06	5.09E-02	0.00E+00	3.81E-01	9.36E-10	3.81E-01	4.32E-01	5.09E-02	0.00E+00	0.00E+00	0.00E+00	3.00E-03
MWN616A	5.82E-05	2.60E-02	4.90E-03	2.11E-02	0.00E+00	0.00E+00	3.04E-01	2.89E-07	2.80E-05	1.74E-04	0.00E+00	5.14E-04	2.33E-09	6.79E-11	3.14E-03	5.62E-05	1.73E-03	0.00E+00	3.66E-05	8.64E-03	2.00E-01	0.00E+00	2.70E-10	3.50E-10	4.06E-05	1.04E-06	2.67E-02	0.00E+00	2.00E-01	4.91E-10	2.00E-01	2.27E-01	2.67E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
MWN620A	4.14E-05	1.88E-02	3.54E-03	1.52E-02	0.00E+00	0.00E+00	2.20E-01	2.09E-07	2.02E-05	1.26E-04	0.00E+00	3.71E-04	1.68E-09	4.91E-11	2.27E-03	4.06E-05	1.25E-03	0.00E+00	2.64E-05	6.24E-03	1.45E-01	0.00E+00	1.95E-10	2.53E-10	2.94E-05	7.49E-07	1.93E-02	0.00E+00	1.45E-01	3.54E-10	1.45E-01	1.64E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
MWN625A	3.01E-05	1.39E-02	2.62E-03	1.13E-02	0.00E+00	0.00E+00	1.63E-01	1.55E-07	1.50E-05	9.31E-05	0.00E+00	2.75E-04	1.25E-09	3.64E-11	1.68E-03	3.01E-05	9.25E-04	0.00E+00	1.96E-05	4.62E-03	1.07E-01	0.00E+00	1.45E-10	1.87E-10	2.18E-05	5.55E-07	1.43E-02	0.00E+00	1.07E-01	2.62E-10	1.07E-01	1.21E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	8.41E-04
MWN640A	1.21E-04	5.30E-02	9.97E-03	4.30E-02	0.00E+00	0.00E+00	6.19E-01	5.89E-07	5.70E-05	3.54E-04	0.00E+00	1.05E-03	4.74E-09	1.38E-10	6.40E-03	1.15E-04	3.53E-03	0.00E+00	7.46E-05	1.76E-02	4.07E-01	0.00E+00	5.51E-10	7.13E-10	8.28E-05	2.11E-06	5.44E-02	0.00E+00	4.07E-01	9.99E-10	4.07E-01	4.62E-01	5.44E-02	0.00E+00	0.00E+00	0.00E+00	3.20E-03
MWS206A	9.27E-05	4.04E-02	7.60E-03	3.28E-02	0.00E+00	0.00E+00	4.72E-01	4.49E-07	4.34E-05	2.70E-04	0.00E+00	7.98E-04	3.61E-09	1.05E-10	4.88E-03	8.73E-05	2.70E-03	0.00E+00	5.69E-05	1.34E-02	3.11E-01	0.00E+00	4.20E-10	5.43E-10	6.31E-05	1.61E-06	4.14E-02	0.00E+00	3.11E-01	7.62E-10	3.11E-01	3.52E-01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03
MWS210A	8.75E-05	3.82E-02	7.19E-03	3.10E-02	0.00E+00	0.00E+00	4.47E-01	4.25E-07	4.11E-05	2.56E-04	0.00E+00	7.55E-04	3.42E-09	9.98E-11	4.61E-03	8.26E-05	2.55E-03	0.00E+00	5.38E-05	1.27E-02	2.94E-01	0.00E+00	3.97E-10	5.14E-10	5.97E-05	1.52E-06	3.92E-02	0.00E+00	2.94E-01	7.21E-10	2.94E-01	3.33E-01	3.92E-02	0.00E+00	0.00E+00	0.00E+00	2.31E-03
MWS216A	1.98E-05	9.00E-03	1.70E-03	7.30E-03	0.00E+00	0.00E+00	1.05E-01	1.00E-07	9.69E-06	6.02E-05	0.00E+00	1.78E-04	8.05E-10	2.35E-11	1.09E-03	1.95E-05	5.99E-04	0.00E+00	1.27E-05	2.99E-03	6.92E-02	0.00E+00	9.36E-11	1.21E-10	1.41E-05	3.59E-07	9.24E-03	0.00E+00	6.92E-02	1.70E-10	6.92E-02	7.85E-02	9.24E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04
MWS220A	2.48E-05	1.12E-02	2.10E-03	9.06E-03	0.00E+00	0.00E+00	1.31E-01	1.24E-07	1.20E-05	7.47E-05	0.00E+00	2.21E-04	9.98E-10	2.92E-11	1.35E-03	2.41E-05	7.44E-04	0.00E+00	1.57E-05	3.71E-03	8.59E-02	0.00E+00	1.16E-10	1.50E-10	1.75E-05	4.45E-07	1.15E-02	0.00E+00	8.59E-02	2.11E-10	8.59E-02	9.73E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.75E-04
MWS225A	1.86E-05	8.47E-03	1.60E-03	6.87E-03	0.00E+00	0.00E+00	9.91E-02	9.42E-08	9.12E-06	5.67E-05	0.00E+00	1.68E-04	7.58E-10	2.21E-11	1.02E-03	1.83E-05	5.64E-04	0.00E+00	1.19E-05	2.82E-03	6.52E-02	0.00E+00	8.81E-11	1.14E-10	1.32E-05	3.38E-07	8.70E-03	0.00E+00	6.52E-02	1.60E-10	6.52E-02	7.39E-02	8.70E-03	0.00E+00	0.00E+00	0.00E+00	5.12E-04

MWS232A	7.84E-05	3.43E-02	6.45E-03	2.78E-02	0.00E+00	0.00E+00	4.00E-01	3.81E-07	3.69E-05	2.29E-04	0.00E+00	6.77E-04	3.06E-09	8.95E-11	4.14E-03	7.41E-05	2.29E-03	0.00E+00	4.83E-05	1.14E-02	2.64E-01	0.00E+00	3.56E-10	4.61E-10	5.36E-05	1.37E-06	3.52E-02	0.00E+00	2.64E-01	6.46E-10	2.64E-01	2.99E-01	3.52E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-03
MWS240A	7.40E-05	3.24E-02	6.09E-03	2.63E-02	0.00E+00	0.00E+00	3.78E-01	3.60E-07	3.48E-05	2.16E-04	0.00E+00	6.40E-04	2.89E-09	8.46E-11	3.91E-03	7.00E-05	2.16E-03	0.00E+00	4.56E-05	1.08E-02	2.49E-01	0.00E+00	3.36E-10	4.36E-10	5.06E-05	1.29E-06	3.32E-02	0.00E+00	2.49E-01	6.11E-10	2.49E-01	2.82E-01	3.32E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
MWS310A	1.26E-04	5.49E-02	1.03E-02	4.45E-02	0.00E+00	0.00E+00	6.41E-01	6.10E-07	5.90E-05	3.67E-04	0.00E+00	1.08E-03	4.91E-09	1.43E-10	6.63E-03	1.19E-04	3.66E-03	0.00E+00	7.73E-05	1.82E-02	4.22E-01	0.00E+00	5.70E-10	7.39E-10	8.58E-05	2.19E-06	5.63E-02	0.00E+00	4.22E-01	1.04E-09	4.22E-01	4.78E-01	5.63E-02	0.00E+00	0.00E+00	0.00E+00	3.32E-03
MWS316A	9.75E-05	4.27E-02	8.04E-03	3.47E-02	0.00E+00	0.00E+00	4.99E-01	4.75E-07	4.59E-05	2.86E-04	0.00E+00	8.44E-04	3.82E-09	1.12E-10	5.16E-03	9.23E-05	2.85E-03	0.00E+00	6.01E-05	1.42E-02	3.28E-01	0.00E+00	4.44E-10	5.75E-10	6.68E-05	1.70E-06	4.38E-02	0.00E+00	3.28E-01	8.06E-10	3.28E-01	3.72E-01	4.38E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
MWS320A	2.96E-05	1.35E-02	2.54E-03	1.09E-02	0.00E+00	0.00E+00	1.58E-01	1.50E-07	1.45E-05	9.03E-05	0.00E+00	2.67E-04	1.21E-09	3.53E-11	1.63E-03	2.92E-05	8.98E-04	0.00E+00	1.90E-05	4.48E-03	1.04E-01	0.00E+00	1.40E-10	1.82E-10	2.11E-05	5.38E-07	1.38E-02	0.00E+00	1.04E-01	2.55E-10	1.04E-01	1.18E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.15E-04
MWS325A	2.92E-05	1.33E-02	2.50E-03	1.08E-02	0.00E+00	0.00E+00	1.55E-01	1.48E-07	1.43E-05	8.88E-05	0.00E+00	2.62E-04	1.19E-09	3.47E-11	1.60E-03	2.87E-05	8.84E-04	0.00E+00	1.87E-05	4.41E-03	1.02E-01	0.00E+00	1.38E-10	1.79E-10	2.08E-05	5.29E-07	1.36E-02	0.00E+00	1.02E-01	2.50E-10	1.02E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	8.02E-04
MWS332A	1.16E-04	5.08E-02	9.57E-03	4.13E-02	0.00E+00	0.00E+00	5.94E-01	5.65E-07	5.47E-05	3.40E-04	0.00E+00	1.00E-03	4.54E-09	1.33E-10	6.14E-03	1.10E-04	3.39E-03	0.00E+00	7.16E-05	1.69E-02	3.91E-01	0.00E+00	5.28E-10	6.84E-10	7.94E-05	2.03E-06	5.21E-02	0.00E+00	3.91E-01	9.59E-10	3.91E-01	4.43E-01	5.21E-02	0.00E+00	0.00E+00	0.00E+00	3.07E-03
MWS340A	1.03E-04	4.50E-02	8.47E-03	3.65E-02	0.00E+00	0.00E+00	5.26E-01	5.00E-07	4.84E-05	3.01E-04	0.00E+00	8.89E-04	4.02E-09	1.18E-10	5.43E-03	9.73E-05	3.00E-03	0.00E+00	6.33E-05	1.50E-02	3.46E-01	0.00E+00	4.68E-10	6.05E-10	7.03E-05	1.79E-06	4.62E-02	0.00E+00	3.46E-01	8.49E-10	3.46E-01	3.92E-01	4.62E-02	0.00E+00	0.00E+00	0.00E+00	2.72E-03
MWS606A	2.14E-04	9.29E-02	1.75E-02	7.54E-02	0.00E+00	0.00E+00	1.09E+00	1.03E-06	9.99E-05	6.21E-04	0.00E+00	1.84E-03	8.30E-09	2.43E-10	1.12E-02	2.01E-04	6.20E-03	0.00E+00	1.31E-04	3.09E-02	7.14E-01	0.00E+00	9.65E-10	1.25E-09	1.45E-04	3.70E-06	9.53E-02	0.00E+00	7.14E-01	1.75E-09	7.14E-01	8.10E-01	9.53E-02	0.00E+00	0.00E+00	0.00E+00	5.62E-03
MWS610A	1.73E-04	7.55E-02	1.42E-02	6.13E-02	0.00E+00	0.00E+00	8.82E-01	8.39E-07	8.12E-05	5.05E-04	0.00E+00	1.49E-03	6.75E-09	1.97E-10	9.12E-03	1.63E-04	5.04E-03	0.00E+00	1.06E-04	2.51E-02	5.81E-01	0.00E+00	7.85E-10	1.02E-09	1.18E-04	3.01E-06	7.75E-02	0.00E+00	5.81E-01	1.42E-09	5.81E-01	6.58E-01	7.75E-02	0.00E+00	0.00E+00	0.00E+00	4.56E-03
MWS616A	1.08E-04	4.73E-02	8.91E-03	3.84E-02	0.00E+00	0.00E+00	5.53E-01	5.26E-07	5.09E-05	3.16E-04	0.00E+00	9.35E-04	4.23E-09	1.24E-10	5.71E-03	1.02E-04	3.16E-03	0.00E+00	6.66E-05	1.57E-02	3.64E-01	0.00E+00	4.92E-10	6.37E-10	7.40E-05	1.89E-06	4.85E-02	0.00E+00	3.64E-01	8.93E-10	3.64E-01	4.12E-01	4.85E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
MWS620A	3.84E-05	1.75E-02	3.29E-03	1.42E-02	0.00E+00	0.00E+00	2.04E-01	1.94E-07	1.88E-05	1.17E-04	0.00E+00	3.46E-04	1.56E-09	4.57E-11	2.11E-03	3.78E-05	1.16E-03	0.00E+00	2.46E-05	5.81E-03	1.35E-01	0.00E+00	1.82E-10	2.35E-10	2.73E-05	6.97E-07	1.79E-02	0.00E+00	1.35E-01	3.30E-10	1.35E-01	1.52E-01	1.79E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
MWS625A	4.02E-05	1.82E-02	3.44E-03	1.48E-02	0.00E+00	0.00E+00	2.13E-01	2.03E-07	1.96E-05	1.22E-04	0.00E+00	3.61E-04	1.63E-09	4.77E-11	2.20E-03	3.95E-05	1.21E-03	0.00E+00	2.57E-05	6.06E-03	1.40E-01	0.00E+00	1.90E-10	2.46E-10	2.85E-05	7.27E-07	1.87E-02	0.00E+00	1.40E-01	3.44E-10	1.40E-01	1.59E-01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
MWS632A	1.47E-04	6.43E-02	1.21E-02	5.22E-02	0.00E+00	0.00E+00	7.52E-01	7.15E-07	6.92E-05	4.30E-04	0.00E+00	1.27E-03	5.75E-09	1.68E-10	7.77E-03	1.39E-04	4.29E-03	0.00E+00	9.05E-05	2.14E-02	4.95E-01	0.00E+00	6.68E-10	8.66E-10	1.01E-04	2.56E-06	6.60E-02	0.00E+00	4.95E-01	1.21E-09	4.95E-01	5.61E-01	6.60E-02	0.00E+00	0.00E+00	0.00E+00	3.89E-03
MWS640A	1.31E-04	5.74E-02	1.08E-02	4.66E-02	0.00E+00	0.00E+00	6.71E-01	6.38E-07	6.17E-05	3.84E-04	0.00E+00	1.13E-03	5.13E-09	1.50E-10	6.93E-03	1.24E-04	3.83E-03	0.00E+00	8.08E-05	1.91E-02	4.41E-01	0.00E+00	5.96E-10	7.72E-10	8.97E-05	2.29E-06	5.89E-02	0.00E+00	4.41E-01	1.08E-09	4.41E-01	5.00E-01	5.89E-02	0.00E+00	0.00E+00	0.00E+00	3.47E-03
MX106	4.33E-05	1.89E-02	3.56E-03	1.54E-02	0.00E+00	0.00E+00	2.21E-01	2.10E-07	2.04E-05	1.27E-04	0.00E+00	3.74E-04	1.69E-09	4.94E-11	2.28E-03	4.09E-05	1.26E-03	0.00E+00	2.66E-05	6.29E-03	1.46E-01	0.00E+00	1.97E-10	2.55E-10	2.96E-05	7.55E-07	1.94E-02	0.00E+00	1.46E-01	3.57E-10	1.46E-01	1.65E-01	1.94E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
MX110	2.69E-05	1.19E-02	2.23E-03	9.62E-03	0.00E+00	0.00E+00	1.39E-01	1.32E-07	1.28E-05	7.93E-05	0.00E+00	2.34E-04	1.06E-09	3.10E-11	1.43E-03	2.56E-05	7.91E-04	0.00E+00	1.67E-05	3.94E-03	9.12E-02	0.00E+00	1.23E-10	1.60E-10	1.85E-05	4.73E-07	1.22E-02	0.00E+00	9.12E-02	2.24E-10	9.12E-02	1.03E-01	1.22E-02	0.00E+00	0.00E+00	0.00E+00	7.17E-04
MX113	3.52E-05	1.54E-02	2.90E-03	1.25E-02	0.00E+00	0.00E+00	1.80E-01	1.71E-07	1.66E-05	1.03E-04	0.00E+00	3.04E-04	1.38E-09	4.02E-11	1.86E-03	3.33E-05	1.03E-03	0.00E+00	2.17E-05	5.12E-03	1.18E-01	0.00E+00	1.60E-10	2.07E-10	2.41E-05	6.14E-07	1.58E-02	0.00E+00	1.18E-01	2.91E-10	1.18E-01	1.34E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	9.31E-04
MX116	1.07E-05	4.81E-03	9.06E-04	3.90E-03	0.00E+00	0.00E+00	5.63E-02	5.35E-08	5.18E-06	3.22E-05	0.00E+00	9.51E-05	4.30E-10	1.26E-11	5.81E-04	1.04E-05	3.20E-04	0.00E+00	6.77E-06	1.60E-03	3.70E-02	0.00E+00	5.00E-11	6.48E-11	7.52E-06	1.92E-07	4.94E-03	0.00E+00	3.70E-02	9.08E-11	3.70E-02	4.20E-02	4.94E-03	0.00E+00	0.00E+00	0.00E+00	2.91E-04
MX120	2.87E-05	1.26E-02	2.37E-03	1.02E-02	0.00E+00	0.00E+00	1.47E-01	1.40E-07	1.36E-05	8.43E-05	0.00E+00	2.49E-04	1.13E-09	3.29E-11	1.52E-03	2.73E-05	8.41E-04	0.00E+00	1.78E-05	4.19E-03	9.70E-02	0.00E+00	1.31E-10	1.70E-10	1.97E-05	5.03E-07	1.29E-02	0.00E+00	9.70E-02	2.38E-10	9.70E-02	1.10E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.62E-04
MX125	1.31E-05	5.90E-03	1.11E-03	4.79E-03	0.00E+00	0.00E+00	6.90E-02	6.56E-08	6.35E-06	3.95E-05	0.00E+00	1.17E-04	5.28E-10	1.54E-11	7.13E-04	1.28E-05	3.93E-04	0.00E+00	8.31E-06	1.96E-03	4.54E-02	0.00E+00	6.14E-11	7.95E-11	9.23E-06	2.35E-07	6.06E-03	0.00E+00	4.54E-02	1.11E-10	4.54E-02	5.15E-02	6.06E-03	0.00E+00	0.00E+00	0.00E+00	3.57E-04
MX132	3.08E-05	1.35E-02	2.54E-03	1.09E-02	0.00E+00	0.00E+00	1.58E-01	1.50E-07	1.45E-05	9.01E-05	0.00E+00	2.66E-04	1.20E-09	3.52E-11	1.63E-03	2.91E-05	8.99E-04	0.00E+00	1.90E-05	4.48E-03	1.04E-01	0.00E+00	1.40E-10	1.81E-10	2.11E-05	5.37E-07	1.38E-02	0.00E+00	1.04E-01	2.54E-10	1.04E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.15E-04
MX140	3.20E-05	1.40E-02	2.64E-03	1.14E-02	0.00E+00	0.00E+00	1.64E-01	1.56E-07	1.51E-05	9.37E-05	0.00E+00	2.77E-04	1.25E-09	3.66E-11	1.69E-03	3.03E-05	9.35E-04	0.00E+00	1.97E-05	4.66E-03	1.08E-01	0.00E+00	1.46E-10	1.89E-10	2.19E-05	5.59E-07	1.44E-02	0.00E+00	1.08E-01	2.64E-10	1.08E-01	1.22E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	8.48E-04
MX206	9.11E-05	3.97E-02	7.48E-03	3.22E-02	0.00E+00	0.00E+00	4.64E-01	4.41E-07	4.27E-05	2.66E-04	0.00E+00	7.85E-04	3.55E-09	1.04E-10	4.80E-03	8.59E-05	2.65E-03	0.00E+00	5.59E-05	1.32E-02	3.06E-01	0.00E+00	4.13E-10	5.35E-10	6.21E-05	1.58E-06	4.08E-02	0.00E+00	3.06E-01	7.49E-10	3.06E-01	3.46E-01	4.08E-02	0.00E+00	0.00E+00	0.00E+00	2.40E-03
MX210	9.44E-05	4.11E-02	7.74E-03	3.34E-02	0.00E+00	0.00E+00	4.81E-01	4.57E-07	4.42E-05	2.75E-04	0.00E+00	8.13E-04	3.68E-09	1.07E-10	4.97E-03	8.89E-05	2.75E-03	0.00E+00	5.79E-05	1.37E-02	3.16E-01	0.00E+00	4.28E-10	5.54E-10	6.43E-05	1.64E-06	4.22E-02	0.00E+00	3.16E-01	7.76E-10	3.16E-01	3.59E-01	4.22E-02	0.00E+00	0.00E+00	0.00E+00	2.49E-03
MX213	7.18E-05	3.14E-02	5.91E-03	2.55E-02	0.00E+00	0.00E+00	3.67E-01	3.49E-07	3.38E-05	2.10E-04	0.00E+00	6.20E-04	2.81E-09	8.20E-11	3.79E-03	6.79E-05	2.10E-03	0.00E+00	4.42E-05	1.04E-02	2.41E-01	0.00E+00	3.26E-10	4.23E-10	4.91E-05	1.25E-06	3.22E-02	0.00E+00	2.41E-01	5.92E-10	2.41E-01	2.74E-01	3.22E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
MX216	7.07E-05	3.09E-02	5.82E-03	2.51E-02	0.00E+00	0.00E+00	3.62E-01	3.44E-07	3.33E-05	2.07E-04	0.00E+00	6.11E-04	2.77E-09	8.08E-11	3.74E-03	6.69E-05	2.07E-03	0.00E+00	4.36E-05	1.03E-02	2.38E-01	0.00E+00	3.22E-10	4.16E-10	4.84E-05	1.23E-06	3.17E-02	0.00E+00	2.38E-01	5.84E-10	2.38E-01	2.70E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03
MX220	4.80E-05	2.11E-02	3.97E-03	1.71E-02	0.00E+00	0.00E+00	2.47E-01	2.35E-07	2.27E-05	1.41E-04	0.00E+00	4.17E-04	1.89E-09	5.52E-11	2.55E-03	4.57E-05	1.41E-03	0.00E+00	2.97E-05	7.02E-03	1.62E-01	0.00E+00	2.20E-10	2.84E-10	3.30E-05	8.42E-07	2.17E-02	0.00E+00	1.62E-01	3.98E-10	1.62E-01	1.84E-01	2.17E-02	0.00E+00	0.00E+00	0.00E+00	1.28E-03
MX225	2.08E-05	9.42E-03	1.78E-03	7.65E-03	0.00E+00	0.00E+00	1.10E-01	1.05E-07	1.01E-05	6.31E-05	0.00E+00	1.86E-04	8.43E-10	2.46E-11	1.14E-03	2.04E-05	6.28E-04	0.00E+00	1.33E-05	3.13E-03	7.25E-02	0.00E+00	9.80E-11	1.27E-10	1.47E-05	3.76E-07	9.67E-03	0.00E+00	7.25E-02	1.78E-10	7.25E-02	8.22E-02	9.67E-03	0.00E+00	0.00E+00	0.00E+00	5.70E-04
MX232	6.79E-05	2.97E-02	5.58E-03	2.41E-02	0.00E+00	0.00E+00	3.47E-01	3.30E-07	3.19E-05	1.98E-04	0.00E+00	5.86E-04	2.65E-09	7.75E-11	3.58E-03	6.41E-05	1.98E-03	0.00E+00	4.18E-05	9.86E-03	2.28E-01	0.00E+00	3.08E-10	3.99E-10	4.64E-05	1.18E-06	3.04E-02	0.00E+00	2.28E-01	5.60E-10	2.28E-01	2.59E-01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
MX240	5.99E-05	2.62E-02	4.94E-03	2.13E-02	0.00E+00	0.00E+00	3.07E-01	2.92E-07	2.82E-05	1.75E-04	0.00E+00	5.18E-04	2.35E-09	6.85E-11	3.17E-03	5.67E-05	1.75E-03	0.00E+00	3.69E-05	8.72E-03	2.02E-01	0.00E+00	2.73E-10	3.53E-10	4.10E-05	1.05E-06	2.69E-02	0.00E+00	2.02E-01	4.95E-10	2.02E-01	2.29E-01	2.69E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
MX306	1.30E-04	5.67E-02	1.07E-02	4.60E-02	0.00E+00	0.00E+00	6.62E-01	6.30E-07	6.10E-05	3.79E-04	0.00E+00	1.12E-03	5.07E-09	1.48E-10	6.84E-03	1.23E-04	3.78E-03	0.00E+00	7.98E-05	1.88E-02	4.36E-01	0.00E+00	5.89E-10	7.63E-10	8.86E-05	2.26E-06	5.81E-02	0.00E+00	4.36E-01	1.07E-09	4.36E-01	4.94E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	3.43E-03
MX310	1.34E-04	5.84E-02	1.10E-02	4.74E-02	0.00E+00	0.00E+00	6.83E-01	6.49E-07	6.28E-05	3.91E-04	0.00E+00	1.15E-03	5.22E-09	1.53E-10	7.06E-03	1.26E-04	3.90E-03	0.00E+00	8.23E-05	1.94E-02	4.49E-01	0.00E+00	6.07E-10	7.86E-10	9.13E-05	2.33E-06	5.99E-02	0.00E+00	4.49E-01	1.10E-09	4.49E-01	5.09E-01	5.99E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
MX313	1.01E-04	4.41E-02	8.30E-03	3.58E-02	0.00E+00	0.00E+00	5.15E-01	4.90E-07	4.74E-05	2.95E-04	0.00E+00	8.71E-04	3.94E-09	1.15E-10	5.32E-03	9.53E-05	2.94E-03	0.00E+00	6.21E-05	1.47E-02	3.39E-01	0.00E+00	4.58E-10	5.93E-10	6.89E-05	1.76E-06	4.52E-02	0.00E+00	3.39E-01	8.32E-10	3.39E-01	3.84E-01	4.52E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
MX316	1.03E-04	4.50E-02	8.47E-03	3.65E-02	0.00E+00	0.00E+00	5.26E-01	5.00E-07	4.84E-05	3.01E-04	0.00E+00	8.89E-04	4.02E-09	1.18E-10	5.43E-03	9.72E-05	3.00E-03	0.00E+00	6.33E-05	1.50E-02	3.46E-01	0.00E+00	4.68E-10	6.05E-10	7.03E-05	1.79E-06	4.61E-02	0.00E+00	3.46E-01	8.49E-10	3.46E-01	3.92E-01	4.61E-02	0.00E+00	0.00E+00	0.00E+00	2.72E-03
MX320	8.59E-05	3.77E-02	7.09E-03	3.06E-02	0.00E+00	0.00E+00	4.40E-01	4.19E-07	4.05E-05	2.52E-04	0.00E+00	7.45E-04	3.37E-09	9.84E-11	4.55E-03	8.15E-05	2.51E-03	0.00E+00	5.30E-05	1.25E-02	2.90E-01	0.00E+00	3.92E-10	5.07E-10	5.89E-05	1.50E-06	3.87E-02	0.00E+00	2.90E-01	7.11E-10	2.90E-01	3.28E-01	3.87E-02	0.00E+00	0.00E+00	0.00E+00	2.28E-03
MX325	3.12E-05	1.41E-02	2.66E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.57E-07	1.52E-05	9.46E-05	0.00E+00	2.80E-04	1.26E-09	3.70E-11	1.71E-03	3.06E-05	9.41E-04	0.00E+00	1.99E-05	4.70E-03	1.09E-01	0.00E+00	1.47E-10	1.90E-10	2.21E-05	5.64E-07	1.45E-02	0.00E+00	1.09E-01	2.67E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.54E-04
MX332	7.47E-05	3.28E-02	6.18E-03	2.66E-02	0.00E+00	0.00E+00	3.84E-01	3.65E-07	3.53E-05	2.20E-04	0.00E+00	6.49E-04	2.94E-09	8.58E-11	3.96E-03	7.10E-05	2.19E-03	0.00E+00	4.62E-05	1.09E-02	2.53E-01	0.00E+00	3.41E-10	4.42E-10	5.13E-05	1.31E-06	3.37E-02	0.00E+00	2.53E-01	6.19E-10	2.53E-01	2.86E-01	3.37E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03
MX340	7.62E-05	3.35E-02	6.31E-03	2.72E-02	0.00E+00	0.00E+00	3.92E-01	3.73E-07	3.61E-05	2.24E-04	0.00E+00	6.63E-04	3.00E-09	8.76E-11	4.05E-03	7.25E-05	2.24E-03	0.00E+00	4.72E-05	1.11E-02	2.58E-01	0.00E+00	3.49E-10	4.51E-10	5.24E-05	1.34E-06	3.44E-02	0.00E+00	2.58E-01	6.33E-10	2.58E-01	2.92E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
MX406	3.67E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.31E-04	1.50E-09	4.38E-11	2.02E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.57E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.68E-07	1.72E-02	0.00E+00	1.29E-01	3.16E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MX410	3.67E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.31E-04	1.50E-09	4.38E-11	2.02E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.57E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.68E-07	1.72E-02	0.00E+00	1.29E-01	3.16E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MX416	1.36E-04	5.95E-02	1.12E-02	4.83E-02	0.00E+00	0.00E+00	6.96E-01	6.62E-07	6.40E-05	3.98E-04	0.00E+00	1.18E-03	5.32E-09	1.56E-10	7.19E-03	1.29E-04	3.97E-03	0.00E+00	8.38E-05	1.98E-02	4.58E-01	0.00E+00	6.19E-10	8.01E-10	9.31E-05	2.37E-06	6.11E-02	0.00E+00	4.58E-01	1.12E-09	4.58E-01	5.19E-01	6.11E-02	0.00E+00	0.00E+00	0.00E+00	3.60E-03
MX425	2.67E-05	1.25E-02	2.35E-03	1.01E-02	0.00E+00	0.00E+00	1.46E-01	1.39E-07	1.34E-05	8.34E-05	0.00E+00	2.47E-04	1.12E-09	3.26E-11	1.50E-03	2.70E-05	8.28E-04	0.00E+00	1.75E-05	4.14E-03	9.59E-02	0.00E+00	1.30E-10	1.68E-10	1.95E-05	4.97E-07	1.28E-02	0.00E+00	9.59E-02	2.35E-10	9.59E-02	1.09E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-04
MX432	1.36E-04	5.95E-02	1.12E-02	4.83E-02	0.00E+00	0.00E+00	6.96E-01	6.62E-07	6.40E-05	3.98E-04	0.00E+00	1.18E-03	5.32E-09	1.56E-10	7.19E-03	1.29E-04	3.97E-03	0.00E+00	8.38E-05	1.98E-02	4.58E-01	0.00E+00	6.19E-10	8.01E-10	9.31E-05	2.37E-06	6.11E-02	0.00E+00	4.58E-01	1.12E-09	4.58E-01	5.19E-01	6.11E-02	0.00E+00	0.00E+00	0.00E+00	3.60E-03
MX440	1.24E-04	5.43E-02	1.02E-02	4.41E-02	0.00E+00	0.00E+00	6.35E-01	6.04E-07	5.85E-05	3.63E-04	0.00E+00	1.07E-03	4.86E-09	1.42E-10	6.56E-03	1.17E-04	3.63E-03	0.00E+00	7.65E-05	1.81E-02	4.18E-01	0.00E+00	5.65E-10	7.31E-10	8.49E-05	2.17E-06	5.58E-02	0.00E+00	4.18E-01	1.03E-09	4.18E-01	4.74E-01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-03
MXN106	3.49E-05	1.53E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.79E-01	1.70E-07	1.65E-05	1.02E-04	0.00E+00	3.03E-04	1.37E-09	4.00E-11	1.85E-03	3.31E-05	1.02E-03	0.00E+00	2.16E-05	5.09E-03	1.18E-01	0.00E+00	1.59E-10	2.06E-10	2.39E-05	6.11E-07	1.57E-02	0.00E+00	1.18E-01	2.89E-10	1.18E-01	1.33E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.26E-04
MXN110	3.37E-05	1.48E-02	2.78E-03	1.20E-02	0.00E+00	0.00E+00	1.73E-01	1.64E-07	1.59E-05	9.88E-05	0.00E+00	2.92E-04	1.32E-09	3.86E-11	1.78E-03	3.19E-05	9.86E-04	0.00E+00	2.08E-05	4.91E-03	1.14E-01	0.00E+00	1.54E-10	1.99E-10	2.31E-05	5.89E-07	1.52E-02	0.00E+00	1.14E-01	2.79E-10	1.14E-01	1.29E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.93E-04
MXN116	2.24E-05	9.90E-03	1.86E-03	8.04E-03	0.00E+00	0.00E+00	1.16E-01	1.10E-07	1.07E-05	6.62E-05	0.00E+00	1.96E-04	8.86E-10	2.59E-11	1.20E-03	2.14E-05	6.61E-04	0.00E+00	1.39E-05	3.29E-03	7.62E-02	0.00E+00	1.03E-10	1.33E-10	1.55E-05	3.95E-07	1.02E-02	0.00E+00	7.62E-02	1.87E-10	7.62E-02	8.63E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	5.99E-04
MXN150	3.62E-05	1.58E-02	2.97E-03	1.28E-02	0.00E+00	0.00E+00	1.85E-01	1.76E-07	1.70E-05	1.06E-04	0.00E+00	3.12E-04	1.41E-09	4.13E-11	1.91E-03	3.42E-05	1.05E-03	0.00E+00	2.23E-05	5.25E-03	1.22E-01	0.00E+00	1.64E-10	2.13E-10	2.47E-05	6.30E-07	1.62E-02	0.00E+00	1.22E-01	2.98E-10	1.22E-01	1.38E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.56E-04
MXN163	3.75E-05	1.64E-02	3.08E-03	1.33E-02	0.00E+00	0.00E+00	1.92E-01	1.82E-07	1.76E-05	1.10E-04	0.00E+00	3.24E-04	1.47E-09	4.28E-11	1.98E-03	3.54E-05	1.09E-03	0.00E+00	2.31E-05	5.45E-03	1.26E-01	0.00E+00	1.70E-10	2.21E-10	2.56E-05	6.54E-07	1.68E-02	0.00E+00	1.26E-01	3.09E-10	1.26E-01	1.43E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	9.91E-04
MXN210	7.10E-05	3.11E-02	5.85E-03	2.52E-02	0.00E+00	0.00E+00	3.63E-01	3.45E-07	3.34E-05	2.08E-04	0.00E+00	6.14E-04	2.78E-09	8.12E-11	3.75E-03	6.72E-05	2.07E-03	0.00E+00	4.38E-05	1.03E-02	2.39E-01	0.00E+00	3.23E-10	4.18E-10	4.86E-05	1.24E-06	3.19E-02	0.00E+00	2.39E-01	5.86E-10	2.39E-01	2.71E-01	3.19E-02	0.00E+00	0.00E+00	0.00E+00	1.88E-03
MXN216	4.41E-05	1.95E-02	3.67E-03	1.58E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.30E-04	0.00E+00	3.85E-04	1.74E-09	5.09E-11	2.35E-03	4.22E-05	1.30E-03	0.00E+00	2.74E-05	6.48E-03	1.50E-01	0.00E+00	2.03E-10	2.62E-10	3.05E-05	7.77E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MXN220	2.53E-05	1.14E-02	2.14E-03	9.23E-03	0.00E+00	0.00E+00	1.33E-01	1.26E-07	1.22E-05	7.61E-05	0.00E+00	2.25E-04	1.02E-09	2.97E-11	1.37E-03	2.46E-05	7.58E-04	0.00E+00	1.60E-05	3.78E-03	8.75E-02	0.00E+00	1.18E-10	1.53E-10	1.78E-05	4.54E-07	1.17E-02	0.00E+00	8.75E-02	2.15E-10	8.75E-02	9.92E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.88E-04
MXN225	1.93E-05	8.78E-03	1.65E-03	7.12E-03	0.00E+00	0.00E+00	1.03E-01	9.76E-08	9.45E-06	5.87E-05	0.00E+00	1.74E-04	7.85E-10	2.29E-11	1.06E-03	1.90E-05	5.84E-04	0.00E+00	1.24E-05	2.92E-03	6.75E-02	0.00E+00	9.13E-11	1.18E-10	1.37E-05	3.50E-07	9.01E-03	0.00E+00	6.75E-02	1.66E-10	6.75E-02	7.65E-02	9.01E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
MXN232	6.91E-05	3.02E-02	5.68E-03	2.45E-02	0.00E+00	0.00E+00	3.53E-01	3.36E-07	3.25E-05	2.02E-04	0.00E+00	5.97E-04	2.70E-09	7.89E-11	3.65E-03	6.53E-05	2.02E-03	0.00E+00	4.25E-05	1.00E-02	2.32E-01	0.00E+00	3.14E-10	4.07E-10	4.72E-05	1.20E-06	3.10E-02	0.00E+00	2.32E-01	5.70E-10	2.32E-01	2.63E-01	3.10E-02	0.00E+00	0.00E+00	0.00E+00	1.83E-03
MXN240	6.57E-05	2.88E-02	5.41E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.09E-05	1.92E-04	0.00E+00	5.68E-04	2.57E-09	7.51E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
MXN250	6.05E-05	2.65E-02	4.99E-03	2.15E-02	0.00E+00	0.00E+00	3.10E-01	2.95E-07	2.85E-05	1.77E-04	0.00E+00	5.24E-04	2.37E-09	6.93E-11	3.20E-03	5.73E-05	1.77E-03	0.00E+00	3.73E-05	8.81E-03	2.04E-01	0.00E+00	2.76E-10	3.57E-10	4.14E-05	1.06E-06	2.72E-02	0.00E+00	2.04E-01	5.00E-10	2.04E-01	2.31E-01	2.72E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
MXN263	7.21E-05	3.15E-02	5.93E-03	2.56E-02	0.00E+00	0.00E+00	3.68E-01	3.50E-07	3.39E-05	2.11E-04	0.00E+00	6.23E-04	2.82E-09	8.23E-11	3.80E-03	6.81E-05	2.10E-03	0.00E+00	4.44E-05	1.05E-02	2.42E-01	0.00E+00	3.27E-10	4.24E-10	4.92E-05	1.26E-06	3.23E-02	0.00E+00	2.42E-01	5.94E-10	2.42E-01	2.75E-01	3.23E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-03
MXN310	9.53E-05	4.17E-02	7.86E-03	3.39E-02	0.00E+00	0.00E+00	4.88E-01	4.64E-07	4.49E-05	2.79E-04	0.00E+00	8.25E-04	3.73E-09	1.09E-10	5.04E-03	9.02E-05	2.78E-03	0.00E+00	5.88E-05	1.39E-02	3.21E-01	0.00E+00	4.34E-10	5.62E-10	6.52E-05	1.66E-06	4.28E-02	0.00E+00	3.21E-01	7.87E-10	3.21E-01	3.64E-01	4.28E-02	0.00E+00	0.00E+00	0.00E+00	2.52E-03
MXN316	2.12E-04	9.18E-02	1.73E-02	7.45E-02	0.00E+00	0.00E+00	1.07E+00	1.02E-06	9.88E-05	6.14E-04	0.00E+00	1.81E-03	8.21E-09	2.40E-10	1.11E-02	1.99E-04	6.13E-03	0.00E+00	1.29E-04	3.05E-02	7.06E-01	0.00E+00	9.54E-10	1.24E-09	1.44E-04	3.66E-06	9.42E-02	0.00E+00	7.06E-01	1.73E-09	7.06E-01	8.00E-01	9.42E-02	0.00E+00	0.00E+00	0.00E+00	5.55E-03
MXN320	3.80E-05	1.71E-02	3.21E-03	1.38E-02	0.00E+00	0.00E+00	2.00E-01	1.90E-07	1.84E-05	1.14E-04	0.00E+00	3.37E-04	1.53E-09	4.46E-11	2.06E-03	3.69E-05	1.14E-03	0.00E+00	2.40E-05	5.67E-03	1.31E-01	0.00E+00	1.77E-10	2.30E-10	2.67E-05	6.80E-07	1.75E-02	0.00E+00	1.31E-01	3.22E-10	1.31E-01	1.49E-01	1.75E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
MXN325	8.95E-05	3.92E-02	7.39E-03	3.19E-02	0.00E+00	0.00E+00	4.59E-01	4.36E-07	4.22E-05	2.62E-04	0.00E+00	7.76E-04	3.51E-09	1.03E-10	4.74E-03	8.49E-05	2.62E-03	0.00E+00	5.53E-05	1.30E-02	3.02E-01	0.00E+00	4.08E-10	5.28E-10	6.13E-05	1.56E-06	4.03E-02	0.00E+00	3.02E-01	7.40E-10	3.02E-01	3.42E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
MXN350	9.32E-05	4.08E-02	7.69E-03	3.31E-02	0.00E+00	0.00E+00	4.77E-01	4.54E-07	4.39E-05	2.73E-04	0.00E+00	8.07E-04	3.65E-09	1.07E-10	4.93E-03	8.83E-05	2.73E-03	0.00E+00	5.75E-05	1.36E-02	3.14E-01	0.00E+00	4.25E-10	5.50E-10	6.38E-05	1.63E-06	4.19E-02	0.00E+00	3.14E-01	7.70E-10	3.14E-01	3.56E-01	4.19E-02	0.00E+00	0.00E+00	0.00E+00	2.47E-03
MXN363	9.76E-05	4.27E-02	8.04E-03	3.47E-02	0.00E+00	0.00E+00	4.99E-01	4.75E-07	4.60E-05	2.86E-04	0.00E+00	8.44E-04	3.82E-09	1.12E-10	5.16E-03	9.24E-05	2.85E-03	0.00E+00	6.02E-05	1.42E-02	3.29E-01	0.00E+00	4.44E-10	5.75E-10	6.68E-05	1.70E-06	4.38E-02	0.00E+00	3.29E-01	8.06E-10	3.29E-01	3.72E-01	4.38E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
MXN406	2.27E-04	9.86E-02	1.86E-02	8.01E-02	0.00E+00	0.00E+00	1.15E+00	1.10E-06	1.06E-04	6.60E-04	0.00E+00	1.95E-03	8.82E-09	2.58E-10	1.19E-02	2.13E-04	6.59E-03	0.00E+00	1.39E-04	3.28E-02	7.59E-01	0.00E+00	1.03E-09	1.33E-09	1.54E-04	3.93E-06	1.01E-01	0.00E+00	7.59E-01	1.86E-09	7.59E-01	8.60E-01	1.01E-01	0.00E+00	0.00E+00	0.00E+00	5.96E-03
MXN410	2.49E-04	1.08E-01	2.03E-02	8.77E-02	0.00E+00	0.00E+00	1.26E+00	1.20E-06	1.16E-04	7.22E-04	0.00E+00	2.13E-03	9.66E-09	2.82E-10	1.30E-02	2.34E-04	7.21E-03	0.00E+00	1.52E-04	3.59E-02	8.31E-01	0.00E+00	1.12E-09	1.45E-09	1.69E-04	4.31E-06	1.11E-01	0.00E+00	8.31E-01	2.04E-09	8.31E-01	9.42E-01	1.11E-01	0.00E+00	0.00E+00	0.00E+00	6.53E-03
MXN416	9.56E-05	4.21E-02	7.93E-03	3.42E-02	0.00E+00	0.00E+00	4.92E-01	4.68E-07	4.53E-05	2.82E-04	0.00E+00	8.32E-04	3.77E-09	1.10E-10	5.09E-03	9.11E-05	2.81E-03	0.00E+00	5.93E-05	1.40E-02	3.24E-01	0.00E+00	4.38E-10	5.67E-10	6.58E-05	1.68E-06	4.32E-02	0.00E+00	3.24E-01	7.95E-10	3.24E-01	3.67E-01	4.32E-02	0.00E+00	0.00E+00	0.00E+00	2.55E-03
MXN420	4.63E-05	2.09E-02	3.93E-03	1.69E-02	0.00E+00	0.00E+00	2.44E-01	2.32E-07	2.25E-05	1.40E-04	0.00E+00	4.13E-04	1.87E-09	5.46E-11	2.52E-03	4.52E-05	1.39E-03	0.00E+00	2.94E-05	6.94E-03	1.61E-01	0.00E+00	2.17E-10	2.81E-10	3.26E-05	8.32E-07	2.14E-02	0.00E+00	1.61E-01	3.94E-10	1.61E-01	1.82E-01	2.14E-02	0.00E+00	0.00E+00	0.00E+00	1.26E-03
MXN425	3.55E-05	1.63E-02	3.06E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.81E-07	1.75E-05	1.09E-04	0.00E+00	3.21E-04	1.45E-09	4.25E-11	1.96E-03	3.52E-05	1.08E-03	0.00E+00	2.29E-05	5.40E-03	1.25E-01	0.00E+00	1.69E-10	2.19E-10	2.54E-05	6.48E-07	1.67E-02	0.00E+00	1.25E-01	3.07E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.82E-04
MXN432	3.38E-05	1.55E-02	2.93E-03	1.26E-02	0.00E+00	0.00E+00	1.82E-01	1.73E-07	1.67E-05	1.04E-04	0.00E+00	3.07E-04	1.39E-09	4.06E-11	1.87E-03	3.36E-05	1.03E-03	0.00E+00	2.19E-05	5.16E-03	1.20E-01	0.00E+00	1.62E-10	2.09E-10	2.43E-05	6.19E-07	1.59E-02	0.00E+00	1.20E-01	2.93E-10	1.20E-01	1.35E-01	1.59E-02	0.00E+00	0.00E+00	0.00E+00	9.39E-04
MXN440	1.27E-04	5.58E-02	1.05E-02	4.53E-02	0.00E+00	0.00E+00	6.52E-01	6.20E-07	6.00E-05	3.73E-04	0.00E+00	1.10E-03	4.99E-09	1.46E-10	6.74E-03	1.21E-04	3.72E-03	0.00E+00	7.85E-05	1.85E-02	4.29E-01	0.00E+00	5.80E-10	7.51E-10	8.72E-05	2.22E-06	5.72E-02	0.00E+00	4.29E-01	1.05E-09	4.29E-01	4.86E-01	5.72E-02	0.00E+00	0.00E+00	0.00E+00	3.37E-03
MXN450	2.08E-05	9.90E-03	1.87E-03	8.04E-03	0.00E+00	0.00E+00	1.16E-01	1.10E-07	1.07E-05	6.63E-05	0.00E+00	1.96E-04	8.87E-10	2.59E-11	1.20E-03	2.15E-05	6.58E-04	0.00E+00	1.39E-05	3.29E-03	7.62E-02	0.00E+00	1.03E-10	1.33E-10	1.55E-05	3.95E-07	1.02E-02	0.00E+00	7.62E-02	1.87E-10	7.62E-02	8.64E-02	1.02E-02	0.00E+00	0.00E+00	0.00E+00	5.98E-04
MXN463	1.23E-04	5.40E-02	1.02E-02	4.39E-02	0.00E+00	0.00E+00	6.32E-01	6.01E-07	5.81E-05	3.61E-04	0.00E+00	1.07E-03	4.83E-09	1.41E-10	6.53E-03	1.17E-04	3.61E-03	0.00E+00	7.61E-05	1.80E-02	4.16E-01	0.00E+00	5.62E-10	7.28E-10	8.45E-05	2.16E-06	5.55E-02	0.00E+00	4.16E-01	1.02E-09	4.16E-01	4.71E-01	5.55E-02	0.00E+00	0.00E+00	0.00E+00	3.27E-03
MY101	1.94E-05	8.21E-03	1.55E-03	6.66E-03	0.00E+00	0.00E+00	9.60E-02	9.12E-08	8.83E-06	5.49E-05	0.00E+00	1.62E-04	7.34E-10	2.15E-11	9.91E-04	1.78E-05	5.47E-04	0.00E+00	1.16E-05	2.73E-03	6.31E-02	0.00E+00	8.53E-11	1.10E-10	1.28E-05	3.27E-07	8.42E-03	0.00E+00	6.31E-02	1.55E-10	6.31E-02	7.16E-02	8.42E-03	0.00E+00	0.00E+00	0.00E+00	4.96E-04
MY101E	2.14E-05	9.47E-03	1.78E-03	7.69E-03	0.00E+00	0.00E+00	1.11E-01	1.05E-07	1.02E-05	6.33E-05	0.00E+00	1.87E-04	8.47E-10	2.48E-11	1.14E-03	2.05E-05	6.31E-04	0.00E+00	1.33E-05	3.15E-03	7.29E-02	0.00E+00	9.85E-11	1.27E-10	1.48E-05	3.78E-07	9.72E-03	0.00E+00	7.29E-02	1.79E-10	7.29E-02	8.26E-02	9.72E-03	0.00E+00	0.00E+00	0.00E+00	5.73E-04
MY102	2.76E-05	1.17E-02	2.21E-03	9.53E-03	0.00E+00	0.00E+00	1.37E-01	1.30E-07	1.26E-05	7.85E-05	0.00E+00	2.32E-04	1.05E-09	3.07E-11	1.42E-03	2.54E-05	7.84E-04	0.00E+00	1.65E-05	3.90E-03	9.03E-02	0.00E+00	1.22E-10	1.58E-10	1.84E-05	4.68E-07	1.21E-02	0.00E+00	9.03E-02	2.22E-10	9.03E-02	1.02E-01	1.21E-02	0.00E+00	0.00E+00	0.00E+00	7.10E-04
MY102E	1.54E-05	6.86E-03	1.29E-03	5.57E-03	0.00E+00	0.00E+00	8.02E-02	7.62E-08	7.38E-06	4.59E-05	0.00E+00	1.36E-04	6.13E-10	1.79E-11	8.28E-04	1.48E-05	4.57E-04	0.00E+00	9.65E-06	2.28E-03	5.28E-02	0.00E+00	7.13E-11	9.23E-11	1.07E-05	2.73E-07	7.04E-03	0.00E+00	5.28E-02	1.29E-10	5.28E-02	5.98E-02	7.04E-03	0.00E+00	0.00E+00	0.00E+00	4.15E-04
MY103	2.16E-05	9.22E-03	1.74E-03	7.48E-03	0.00E+00	0.00E+00	1.08E-01	1.02E-07	9.92E-06	6.17E-05	0.00E+00	1.82E-04	8.24E-10	2.41E-11	1.11E-03	1.99E-05	6.15E-04	0.00E+00	1.30E-05	3.06E-03	7.09E-02	0.00E+00	9.58E-11	1.24E-10	1.44E-05	3.68E-07	9.46E-03	0.00E+00	7.09E-02	1.74E-10	7.09E-02	8.04E-02	9.46E-03	0.00E+00	0.00E+00	0.00E+00	5.57E-04
MY103E	2.51E-05	1.11E-02	2.10E-03	9.04E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.45E-05	0.00E+00	2.20E-04	9.96E-10	2.91E-11	1.34E-03	2.41E-05	7.43E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.71E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.73E-04
MY104	3.07E-05	1.31E-02	2.47E-03	1.07E-02	0.00E+00	0.00E+00	1.54E-01	1.46E-07	1.41E-05	8.79E-05	0.00E+00	2.60E-04	1.17E-09	3.43E-11	1.59E-03	2.84E-05	8.77E-04	0.00E+00	1.85E-05	4.37E-03	1.01E-01	0.00E+00	1.37E-10	1.77E-10	2.05E-05	5.24E-07	1.35E-02	0.00E+00	1.01E-01	2.48E-10	1.01E-01	1.15E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	7.94E-04
MY104E	2.38E-05	1.06E-02	1.99E-03	8.58E-03	0.00E+00	0.00E+00	1.24E-01	1.18E-07	1.14E-05	7.07E-05	0.00E+00	2.09E-04	9.46E-10	2.76E-11	1.28E-03	2.29E-05	7.05E-04	0.00E+00	1.49E-05	3.52E-03	8.13E-02	0.00E+00	1.10E-10	1.42E-10	1.65E-05	4.22E-07	1.09E-02	0.00E+00	8.13E-02	1.99E-10	8.13E-02	9.22E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.39E-04

MY106	4.47E-05	1.95E-02	3.67E-03	1.58E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.30E-04	0.00E+00	3.86E-04	1.74E-09	5.10E-11	2.36E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.49E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.78E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
MY106E	1.04E-05	4.74E-03	8.92E-04	3.84E-03	0.00E+00	0.00E+00	5.54E-02	5.27E-08	5.10E-06	3.17E-05	0.00E+00	9.37E-05	4.24E-10	1.24E-11	5.72E-04	1.02E-05	3.15E-04	0.00E+00	6.67E-06	1.57E-03	3.64E-02	0.00E+00	4.93E-11	6.38E-11	7.41E-06	1.89E-07	4.86E-03	0.00E+00	3.64E-02	8.94E-11	3.64E-02	4.13E-02	4.86E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
MY106P	3.04E-05	1.34E-02	2.52E-03	1.09E-02	0.00E+00	0.00E+00	1.57E-01	1.49E-07	1.44E-05	8.96E-05	0.00E+00	2.65E-04	1.20E-09	3.50E-11	1.62E-03	2.90E-05	8.94E-04	0.00E+00	1.89E-05	4.46E-03	1.03E-01	0.00E+00	1.39E-10	1.80E-10	2.09E-05	5.34E-07	1.38E-02	0.00E+00	1.03E-01	2.53E-10	1.03E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.10E-04
MY110	3.83E-05	1.68E-02	3.15E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.31E-04	1.50E-09	4.38E-11	2.02E-03	3.62E-05	1.12E-03	0.00E+00	2.36E-05	5.57E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.68E-07	1.72E-02	0.00E+00	1.29E-01	3.16E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MY110E	2.39E-05	1.06E-02	1.99E-03	8.59E-03	0.00E+00	0.00E+00	1.24E-01	1.18E-07	1.14E-05	7.08E-05	0.00E+00	2.09E-04	9.46E-10	2.76E-11	1.28E-03	2.29E-05	7.06E-04	0.00E+00	1.49E-05	3.52E-03	8.14E-02	0.00E+00	1.10E-10	1.42E-10	1.65E-05	4.22E-07	1.09E-02	0.00E+00	8.14E-02	2.00E-10	8.14E-02	9.22E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.40E-04
MY110P	2.48E-05	1.10E-02	2.06E-03	8.90E-03	0.00E+00	0.00E+00	1.28E-01	1.22E-07	1.18E-05	7.33E-05	0.00E+00	2.17E-04	9.81E-10	2.87E-11	1.32E-03	2.37E-05	7.31E-04	0.00E+00	1.54E-05	3.65E-03	8.44E-02	0.00E+00	1.14E-10	1.48E-10	1.71E-05	4.37E-07	1.13E-02	0.00E+00	8.44E-02	2.07E-10	8.44E-02	9.56E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.63E-04
MY113	3.45E-05	1.51E-02	2.84E-03	1.22E-02	0.00E+00	0.00E+00	1.76E-01	1.68E-07	1.62E-05	1.01E-04	0.00E+00	2.98E-04	1.35E-09	3.94E-11	1.82E-03	3.26E-05	1.01E-03	0.00E+00	2.12E-05	5.02E-03	1.16E-01	0.00E+00	1.57E-10	2.03E-10	2.36E-05	6.02E-07	1.55E-02	0.00E+00	1.16E-01	2.85E-10	1.16E-01	1.32E-01	1.55E-02	0.00E+00	0.00E+00	0.00E+00	9.12E-04
MY116	2.35E-05	1.04E-02	1.95E-03	8.42E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.12E-05	6.94E-05	0.00E+00	2.05E-04	9.28E-10	2.71E-11	1.25E-03	2.24E-05	6.92E-04	0.00E+00	1.46E-05	3.45E-03	7.98E-02	0.00E+00	1.08E-10	1.40E-10	1.62E-05	4.14E-07	1.06E-02	0.00E+00	7.98E-02	1.96E-10	7.98E-02	9.04E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.27E-04
MY116E	6.97E-06	3.22E-03	6.07E-04	2.62E-03	0.00E+00	0.00E+00	3.77E-02	3.58E-08	3.47E-06	2.16E-05	0.00E+00	6.38E-05	2.89E-10	8.43E-12	3.89E-04	6.98E-06	2.14E-04	0.00E+00	4.54E-06	1.07E-03	2.48E-02	0.00E+00	3.35E-11	4.34E-11	5.04E-06	1.29E-07	3.31E-03	0.00E+00	2.48E-02	6.08E-11	2.48E-02	2.81E-02	3.31E-03	0.00E+00	0.00E+00	0.00E+00	1.95E-04
MY116P	2.40E-05	1.06E-02	2.00E-03	8.64E-03	0.00E+00	0.00E+00	1.24E-01	1.18E-07	1.15E-05	7.12E-05	0.00E+00	2.10E-04	9.52E-10	2.78E-11	1.28E-03	2.30E-05	7.10E-04	0.00E+00	1.50E-05	3.54E-03	8.19E-02	0.00E+00	1.11E-10	1.43E-10	1.66E-05	4.24E-07	1.09E-02	0.00E+00	8.19E-02	2.01E-10	8.19E-02	9.28E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.43E-04
MY120	1.69E-05	7.56E-03	1.42E-03	6.13E-03	0.00E+00	0.00E+00	8.84E-02	8.40E-08	8.13E-06	5.06E-05	0.00E+00	1.49E-04	6.76E-10	1.98E-11	9.13E-04	1.63E-05	5.04E-04	0.00E+00	1.06E-05	2.51E-03	5.81E-02	0.00E+00	7.86E-11	1.02E-10	1.18E-05	3.01E-07	7.76E-03	0.00E+00	5.81E-02	1.43E-10	5.81E-02	6.59E-02	7.76E-03	0.00E+00	0.00E+00	0.00E+00	4.57E-04
MY120E	1.04E-05	4.68E-03	8.82E-04	3.80E-03	0.00E+00	0.00E+00	5.48E-02	5.21E-08	5.04E-06	3.13E-05	0.00E+00	9.26E-05	4.19E-10	1.22E-11	5.66E-04	1.01E-05	3.12E-04	0.00E+00	6.59E-06	1.56E-03	3.60E-02	0.00E+00	4.87E-11	6.31E-11	7.33E-06	1.87E-07	4.81E-03	0.00E+00	3.60E-02	8.84E-11	3.60E-02	4.09E-02	4.81E-03	0.00E+00	0.00E+00	0.00E+00	2.83E-04
MY120P	2.56E-05	1.13E-02	2.13E-03	9.17E-03	0.00E+00	0.00E+00	1.32E-01	1.25E-07	1.22E-05	7.55E-05	0.00E+00	2.23E-04	1.01E-09	2.95E-11	1.36E-03	2.44E-05	7.53E-04	0.00E+00	1.59E-05	3.75E-03	8.69E-02	0.00E+00	1.17E-10	1.52E-10	1.77E-05	4.50E-07	1.16E-02	0.00E+00	8.69E-02	2.13E-10	8.69E-02	9.85E-02	1.16E-02	0.00E+00	0.00E+00	0.00E+00	6.83E-04
MY125	1.61E-05	7.16E-03	1.35E-03	5.81E-03	0.00E+00	0.00E+00	8.38E-02	7.96E-08	7.71E-06	4.79E-05	0.00E+00	1.42E-04	6.41E-10	1.87E-11	8.65E-04	1.55E-05	4.78E-04	0.00E+00	1.01E-05	2.38E-03	5.51E-02	0.00E+00	7.45E-11	9.65E-11	1.12E-05	2.86E-07	7.35E-03	0.00E+00	5.51E-02	1.35E-10	5.51E-02	6.25E-02	7.35E-03	0.00E+00	0.00E+00	0.00E+00	4.33E-04
MY132	3.03E-05	1.33E-02	2.50E-03	1.08E-02	0.00E+00	0.00E+00	1.55E-01	1.48E-07	1.43E-05	8.89E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.60E-03	2.87E-05	8.87E-04	0.00E+00	1.87E-05	4.42E-03	1.02E-01	0.00E+00	1.38E-10	1.79E-10	2.08E-05	5.30E-07	1.36E-02	0.00E+00	1.02E-01	2.51E-10	1.02E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	8.03E-04
MY132E	2.84E-05	1.25E-02	2.34E-03	1.01E-02	0.00E+00	0.00E+00	1.46E-01	1.38E-07	1.34E-05	8.33E-05	0.00E+00	2.46E-04	1.11E-09	3.25E-11	1.50E-03	2.69E-05	8.31E-04	0.00E+00	1.75E-05	4.14E-03	9.58E-02	0.00E+00	1.29E-10	1.68E-10	1.95E-05	4.97E-07	1.28E-02	0.00E+00	9.58E-02	2.35E-10	9.58E-02	1.09E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	7.53E-04
MY132P	2.66E-05	1.17E-02	2.21E-03	9.52E-03	0.00E+00	0.00E+00	1.37E-01	1.30E-07	1.26E-05	7.84E-05	0.00E+00	2.32E-04	1.05E-09	3.06E-11	1.42E-03	2.54E-05	7.82E-04	0.00E+00	1.65E-05	3.90E-03	9.02E-02	0.00E+00	1.22E-10	1.58E-10	1.83E-05	4.68E-07	1.20E-02	0.00E+00	9.02E-02	2.21E-10	9.02E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.09E-04
MY140	2.77E-05	1.22E-02	2.29E-03	9.87E-03	0.00E+00	0.00E+00	1.42E-01	1.35E-07	1.31E-05	8.13E-05	0.00E+00	2.40E-04	1.09E-09	3.18E-11	1.47E-03	2.63E-05	8.11E-04	0.00E+00	1.71E-05	4.04E-03	9.35E-02	0.00E+00	1.26E-10	1.64E-10	1.90E-05	4.85E-07	1.25E-02	0.00E+00	9.35E-02	2.29E-10	9.35E-02	1.06E-01	1.25E-02	0.00E+00	0.00E+00	0.00E+00	7.35E-04
MY140E	2.62E-05	1.16E-02	2.18E-03	9.38E-03	0.00E+00	0.00E+00	1.35E-01	1.28E-07	1.24E-05	7.73E-05	0.00E+00	2.28E-04	1.03E-09	3.02E-11	1.40E-03	2.50E-05	7.71E-04	0.00E+00	1.63E-05	3.84E-03	8.89E-02	0.00E+00	1.20E-10	1.56E-10	1.81E-05	4.61E-07	1.19E-02	0.00E+00	8.89E-02	2.18E-10	8.89E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	6.99E-04
MY140P	1.40E-05	6.32E-03	1.19E-03	5.13E-03	0.00E+00	0.00E+00	7.40E-02	7.03E-08	6.81E-06	4.23E-05	0.00E+00	1.25E-04	5.66E-10	1.65E-11	7.63E-04	1.37E-05	4.21E-04	0.00E+00	8.90E-06	2.10E-03	4.87E-02	0.00E+00	6.58E-11	8.51E-11	9.89E-06	2.52E-07	6.49E-03	0.00E+00	4.87E-02	1.19E-10	4.87E-02	5.51E-02	6.49E-03	0.00E+00	0.00E+00	0.00E+00	3.82E-04
MY150	2.37E-05	1.04E-02	1.95E-03	8.42E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.12E-05	6.94E-05	0.00E+00	2.05E-04	9.27E-10	2.71E-11	1.25E-03	2.24E-05	6.92E-04	0.00E+00	1.46E-05	3.45E-03	7.98E-02	0.00E+00	1.08E-10	1.40E-10	1.62E-05	4.14E-07	1.06E-02	0.00E+00	7.98E-02	1.96E-10	7.98E-02	9.04E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.27E-04
MY150E	2.49E-05	1.10E-02	2.07E-03	8.94E-03	0.00E+00	0.00E+00	1.29E-01	1.22E-07	1.18E-05	7.36E-05	0.00E+00	2.18E-04	9.85E-10	2.88E-11	1.33E-03	2.38E-05	7.34E-04	0.00E+00	1.55E-05	3.66E-03	8.47E-02	0.00E+00	1.14E-10	1.48E-10	1.72E-05	4.39E-07	1.13E-02	0.00E+00	8.47E-02	2.08E-10	8.47E-02	9.60E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.66E-04
MY163	2.52E-05	1.10E-02	2.07E-03	8.94E-03	0.00E+00	0.00E+00	1.29E-01	1.22E-07	1.19E-05	7.37E-05	0.00E+00	2.18E-04	9.85E-10	2.88E-11	1.33E-03	2.38E-05	7.35E-04	0.00E+00	1.55E-05	3.66E-03	8.48E-02	0.00E+00	1.15E-10	1.48E-10	1.72E-05	4.39E-07	1.13E-02	0.00E+00	8.48E-02	2.08E-10	8.48E-02	9.61E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	6.66E-04
MY163E	2.47E-05	1.09E-02	2.06E-03	8.86E-03	0.00E+00	0.00E+00	1.28E-01	1.21E-07	1.18E-05	7.30E-05	0.00E+00	2.16E-04	9.77E-10	2.85E-11	1.32E-03	2.36E-05	7.28E-04	0.00E+00	1.54E-05	3.63E-03	8.40E-02	0.00E+00	1.14E-10	1.47E-10	1.71E-05	4.36E-07	1.12E-02	0.00E+00	8.40E-02	2.06E-10	8.40E-02	9.52E-02	1.12E-02	0.00E+00	0.00E+00	0.00E+00	6.60E-04
MY201	4.61E-05	1.99E-02	3.74E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.21E-07	2.14E-05	1.33E-04	0.00E+00	3.93E-04	1.78E-09	5.20E-11	2.40E-03	4.30E-05	1.33E-03	0.00E+00	2.80E-05	6.61E-03	1.53E-01	0.00E+00	2.07E-10	2.68E-10	3.11E-05	7.93E-07	2.04E-02	0.00E+00	1.53E-01	3.75E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
MY202	6.13E-05	2.64E-02	4.98E-03	2.15E-02	0.00E+00	0.00E+00	3.09E-01	2.94E-07	2.85E-05	1.77E-04	0.00E+00	5.23E-04	2.36E-09	6.91E-11	3.19E-03	5.72E-05	1.76E-03	0.00E+00	3.72E-05	8.79E-03	2.03E-01	0.00E+00	2.75E-10	3.56E-10	4.13E-05	1.05E-06	2.71E-02	0.00E+00	2.03E-01	4.99E-10	2.03E-01	2.31E-01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
MY202E	5.23E-05	2.30E-02	4.33E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.56E-07	2.47E-05	1.54E-04	0.00E+00	4.55E-04	2.06E-09	6.01E-11	2.78E-03	4.97E-05	1.53E-03	0.00E+00	3.24E-05	7.65E-03	1.77E-01	0.00E+00	2.39E-10	3.10E-10	3.60E-05	9.17E-07	2.36E-02	0.00E+00	1.77E-01	4.34E-10	1.77E-01	2.01E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MY203	3.68E-05	1.60E-02	3.01E-03	1.30E-02	0.00E+00	0.00E+00	1.87E-01	1.78E-07	1.72E-05	1.07E-04	0.00E+00	3.16E-04	1.43E-09	4.18E-11	1.93E-03	3.46E-05	1.07E-03	0.00E+00	2.25E-05	5.32E-03	1.23E-01	0.00E+00	1.66E-10	2.15E-10	2.50E-05	6.38E-07	1.64E-02	0.00E+00	1.23E-01	3.02E-10	1.23E-01	1.39E-01	1.64E-02	0.00E+00	0.00E+00	0.00E+00	9.67E-04
MY203E	5.21E-05	2.30E-02	4.33E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.56E-07	2.47E-05	1.54E-04	0.00E+00	4.55E-04	2.06E-09	6.01E-11	2.78E-03	4.97E-05	1.53E-03	0.00E+00	3.24E-05	7.65E-03	1.77E-01	0.00E+00	2.39E-10	3.10E-10	3.60E-05	9.17E-07	2.36E-02	0.00E+00	1.77E-01	4.34E-10	1.77E-01	2.01E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MY204	3.83E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.95E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.29E-04	1.49E-09	4.35E-11	2.01E-03	3.60E-05	1.11E-03	0.00E+00	2.34E-05	5.53E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.63E-07	1.71E-02	0.00E+00	1.28E-01	3.14E-10	1.28E-01	1.45E-01	1.71E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MY204E	1.96E-05	9.02E-03	1.70E-03	7.32E-03	0.00E+00	0.00E+00	1.06E-01	1.00E-07	9.71E-06	6.04E-05	0.00E+00	1.78E-04	8.08E-10	2.36E-11	1.09E-03	1.95E-05	6.00E-04	0.00E+00	1.27E-05	3.00E-03	6.94E-02	0.00E+00	9.39E-11	1.22E-10	1.41E-05	3.60E-07	9.26E-03	0.00E+00	6.94E-02	1.70E-10	6.94E-02	7.87E-02	9.26E-03	0.00E+00	0.00E+00	0.00E+00	5.45E-04
MY206	8.98E-05	3.91E-02	7.37E-03	3.18E-02	0.00E+00	0.00E+00	4.58E-01	4.35E-07	4.21E-05	2.62E-04	0.00E+00	7.74E-04	3.50E-09	1.02E-10	4.73E-03	8.46E-05	2.61E-03	0.00E+00	5.51E-05	1.30E-02	3.01E-01	0.00E+00	4.07E-10	5.27E-10	6.12E-05	1.56E-06	4.02E-02	0.00E+00	3.01E-01	7.39E-10	3.01E-01	3.41E-01	4.02E-02	0.00E+00	0.00E+00	0.00E+00	2.37E-03
MY206E	5.11E-05	2.25E-02	4.24E-03	1.83E-02	0.00E+00	0.00E+00	2.63E-01	2.50E-07	2.42E-05	1.51E-04	0.00E+00	4.45E-04	2.02E-09	5.89E-11	2.72E-03	4.87E-05	1.50E-03	0.00E+00	3.17E-05	7.49E-03	1.73E-01	0.00E+00	2.34E-10	3.03E-10	3.52E-05	8.99E-07	2.31E-02	0.00E+00	1.73E-01	4.25E-10	1.73E-01	1.96E-01	2.31E-02	0.00E+00	0.00E+00	0.00E+00	1.36E-03
MY206P	9.55E-05	4.16E-02	7.84E-03	3.38E-02	0.00E+00	0.00E+00	4.87E-01	4.63E-07	4.48E-05	2.78E-04	0.00E+00	8.23E-04	3.72E-09	1.09E-10	5.03E-03	9.00E-05	2.78E-03	0.00E+00	5.86E-05	1.38E-02	3.20E-01	0.00E+00	4.33E-10	5.60E-10	6.51E-05	1.66E-06	4.27E-02	0.00E+00	3.20E-01	7.86E-10	3.20E-01	3.63E-01	4.27E-02	0.00E+00	0.00E+00	0.00E+00	2.52E-03
MY210	7.42E-05	3.24E-02	6.11E-03	2.63E-02	0.00E+00	0.00E+00	3.79E-01	3.60E-07	3.49E-05	2.17E-04	0.00E+00	6.41E-04	2.90E-09	8.48E-11	3.92E-03	7.01E-05	2.16E-03	0.00E+00	4.57E-05	1.08E-02	2.49E-01	0.00E+00	3.37E-10	4.37E-10	5.07E-05	1.29E-06	3.33E-02	0.00E+00	2.49E-01	6.12E-10	2.49E-01	2.83E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
MY210P	1.85E-05	8.48E-03	1.60E-03	6.89E-03	0.00E+00	0.00E+00	9.93E-02	9.43E-08	9.14E-06	5.68E-05	0.00E+00	1.68E-04	7.59E-10	2.22E-11	1.02E-03	1.84E-05	5.64E-04	0.00E+00	1.19E-05	2.82E-03	6.53E-02	0.00E+00	8.83E-11	1.14E-10	1.33E-05	3.38E-07	8.71E-03	0.00E+00	6.53E-02	1.60E-10	6.53E-02	7.40E-02	8.71E-03	0.00E+00	0.00E+00	0.00E+00	5.13E-04
MY213	7.64E-05	3.34E-02	6.28E-03	2.71E-02	0.00E+00	0.00E+00	3.90E-01	3.71E-07	3.59E-05	2.23E-04	0.00E+00	6.60E-04	2.98E-09	8.72E-11	4.03E-03	7.22E-05	2.23E-03	0.00E+00	4.70E-05	1.11E-02	2.57E-01	0.00E+00	3.47E-10	4.49E-10	5.22E-05	1.33E-06	3.42E-02	0.00E+00	2.57E-01	6.30E-10	2.57E-01	2.91E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
MY216	5.16E-05	2.27E-02	4.27E-03	1.84E-02	0.00E+00	0.00E+00	2.65E-01	2.52E-07	2.44E-05	1.52E-04	0.00E+00	4.49E-04	2.03E-09	5.93E-11	2.74E-03	4.91E-05	1.51E-03	0.00E+00	3.20E-05	7.55E-03	1.75E-01	0.00E+00	2.36E-10	3.06E-10	3.55E-05	9.05E-07	2.33E-02	0.00E+00	1.75E-01	4.28E-10	1.75E-01	1.98E-01	2.33E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
MY216P	5.04E-05	2.23E-02	4.19E-03	1.81E-02	0.00E+00	0.00E+00	2.60E-01	2.48E-07	2.40E-05	1.49E-04	0.00E+00	4.40E-04	1.99E-09	5.82E-11	2.69E-03	4.82E-05	1.49E-03	0.00E+00	3.14E-05	7.41E-03	1.71E-01	0.00E+00	2.32E-10	3.00E-10	3.48E-05	8.89E-07	2.29E-02	0.00E+00	1.71E-01	4.20E-10	1.71E-01	1.94E-01	2.29E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MY220	2.85E-05	1.27E-02	2.40E-03	1.03E-02	0.00E+00	0.00E+00	1.49E-01	1.42E-07	1.37E-05	8.53E-05	0.00E+00	2.52E-04	1.14E-09	3.33E-11	1.54E-03	2.76E-05	8.49E-04	0.00E+00	1.79E-05	4.24E-03	9.81E-02	0.00E+00	1.33E-10	1.72E-10	1.99E-05	5.08E-07	1.31E-02	0.00E+00	9.81E-02	2.40E-10	9.81E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.70E-04
MY220E	4.51E-05	1.99E-02	3.75E-03	1.62E-02	0.00E+00	0.00E+00	2.33E-01	2.22E-07	2.15E-05	1.33E-04	0.00E+00	3.94E-04	1.78E-09	5.21E-11	2.41E-03	4.31E-05	1.33E-03	0.00E+00	2.81E-05	6.63E-03	1.53E-01	0.00E+00	2.07E-10	2.68E-10	3.12E-05	7.95E-07	2.05E-02	0.00E+00	1.53E-01	3.76E-10	1.53E-01	1.74E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
MY220P	5.23E-05	2.30E-02	4.33E-03	1.87E-02	0.00E+00	0.00E+00	2.69E-01	2.56E-07	2.48E-05	1.54E-04	0.00E+00	4.55E-04	2.06E-09	6.02E-11	2.78E-03	4.98E-05	1.54E-03	0.00E+00	3.24E-05	7.65E-03	1.77E-01	0.00E+00	2.39E-10	3.10E-10	3.60E-05	9.18E-07	2.36E-02	0.00E+00	1.77E-01	4.34E-10	1.77E-01	2.01E-01	2.36E-02	0.00E+00	0.00E+00	0.00E+00	1.39E-03
MY225	3.33E-06	1.92E-03	3.64E-04	1.56E-03	0.00E+00	0.00E+00	2.26E-02	2.14E-08	2.08E-06	1.29E-05	0.00E+00	3.82E-05	1.73E-10	5.04E-12	2.32E-04	4.18E-06	1.26E-04	0.00E+00	2.70E-06	6.37E-04	1.48E-02	0.00E+00	2.01E-11	2.59E-11	3.02E-06	7.67E-08	1.98E-03	0.00E+00	1.48E-02	3.63E-11	1.48E-02	1.68E-02	1.98E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-04
MY225E	4.94E-05	2.18E-02	4.11E-03	1.77E-02	0.00E+00	0.00E+00	2.55E-01	2.43E-07	2.35E-05	1.46E-04	0.00E+00	4.32E-04	1.95E-09	5.71E-11	2.64E-03	4.72E-05	1.46E-03	0.00E+00	3.07E-05	7.26E-03	1.68E-01	0.00E+00	2.27E-10	2.94E-10	3.41E-05	8.71E-07	2.24E-02	0.00E+00	1.68E-01	4.12E-10	1.68E-01	1.90E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
MY225P	5.25E-05	2.31E-02	4.35E-03	1.88E-02	0.00E+00	0.00E+00	2.70E-01	2.57E-07	2.49E-05	1.55E-04	0.00E+00	4.57E-04	2.07E-09	6.04E-11	2.79E-03	5.00E-05	1.54E-03	0.00E+00	3.26E-05	7.69E-03	1.78E-01	0.00E+00	2.40E-10	3.11E-10	3.61E-05	9.22E-07	2.37E-02	0.00E+00	1.78E-01	4.36E-10	1.78E-01	2.02E-01	2.37E-02	0.00E+00	0.00E+00	0.00E+00	1.40E-03
MY232	6.53E-05	2.86E-02	5.38E-03	2.32E-02	0.00E+00	0.00E+00	3.34E-01	3.18E-07	3.07E-05	1.91E-04	0.00E+00	5.65E-04	2.56E-09	7.47E-11	3.45E-03	6.18E-05	1.91E-03	0.00E+00	4.02E-05	9.50E-03	2.20E-01	0.00E+00	2.97E-10	3.85E-10	4.47E-05	1.14E-06	2.93E-02	0.00E+00	2.20E-01	5.39E-10	2.20E-01	2.49E-01	2.93E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-03
MY232E	4.74E-05	2.09E-02	3.94E-03	1.70E-02	0.00E+00	0.00E+00	2.45E-01	2.33E-07	2.25E-05	1.40E-04	0.00E+00	4.14E-04	1.87E-09	5.47E-11	2.53E-03	4.53E-05	1.40E-03	0.00E+00	2.95E-05	6.96E-03	1.61E-01	0.00E+00	2.18E-10	2.82E-10	3.27E-05	8.35E-07	2.15E-02	0.00E+00	1.61E-01	3.95E-10	1.61E-01	1.83E-01	2.15E-02	0.00E+00	0.00E+00	0.00E+00	1.27E-03
MY232P	5.63E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.99E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.87E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
MY240	5.80E-05	2.54E-02	4.78E-03	2.06E-02	0.00E+00	0.00E+00	2.97E-01	2.82E-07	2.73E-05	1.70E-04	0.00E+00	5.02E-04	2.27E-09	6.64E-11	3.07E-03	5.50E-05	1.70E-03	0.00E+00	3.58E-05	8.45E-03	1.96E-01	0.00E+00	2.64E-10	3.42E-10	3.97E-05	1.01E-06	2.61E-02	0.00E+00	1.96E-01	4.80E-10	1.96E-01	2.22E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.54E-03
MY240E	5.02E-05	2.22E-02	4.18E-03	1.80E-02	0.00E+00	0.00E+00	2.60E-01	2.47E-07	2.39E-05	1.49E-04	0.00E+00	4.39E-04	1.99E-09	5.80E-11	2.68E-03	4.80E-05	1.48E-03	0.00E+00	3.13E-05	7.38E-03	1.71E-01	0.00E+00	2.31E-10	2.99E-10	3.47E-05	8.86E-07	2.28E-02	0.00E+00	1.71E-01	4.19E-10	1.71E-01	1.94E-01	2.28E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MY240P	5.02E-05	2.21E-02	4.17E-03	1.80E-02	0.00E+00	0.00E+00	2.59E-01	2.46E-07	2.38E-05	1.48E-04	0.00E+00	4.38E-04	1.98E-09	5.79E-11	2.67E-03	4.79E-05	1.48E-03	0.00E+00	3.12E-05	7.36E-03	1.70E-01	0.00E+00	2.30E-10	2.98E-10	3.46E-05	8.83E-07	2.27E-02	0.00E+00	1.70E-01	4.18E-10	1.70E-01	1.93E-01	2.27E-02	0.00E+00	0.00E+00	0.00E+00	1.34E-03
MY250	4.88E-05	2.14E-02	4.03E-03	1.74E-02	0.00E+00	0.00E+00	2.50E-01	2.38E-07	2.30E-05	1.43E-04	0.00E+00	4.23E-04	1.91E-09	5.59E-11	2.58E-03	4.63E-05	1.43E-03	0.00E+00	3.01E-05	7.11E-03	1.65E-01	0.00E+00	2.22E-10	2.88E-10	3.35E-05	8.53E-07	2.20E-02	0.00E+00	1.65E-01	4.04E-10	1.65E-01	1.87E-01	2.20E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
MY250E	4.93E-05	2.18E-02	4.10E-03	1.77E-02	0.00E+00	0.00E+00	2.54E-01	2.42E-07	2.34E-05	1.46E-04	0.00E+00	4.30E-04	1.95E-09	5.69E-11	2.63E-03	4.71E-05	1.45E-03	0.00E+00	3.06E-05	7.23E-03	1.67E-01	0.00E+00	2.26E-10	2.93E-10	3.40E-05	8.68E-07	2.23E-02	0.00E+00	1.67E-01	4.11E-10	1.67E-01	1.90E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
MY263	5.37E-05	2.36E-02	4.43E-03	1.91E-02	0.00E+00	0.00E+00	2.75E-01	2.62E-07	2.53E-05	1.58E-04	0.00E+00	4.66E-04	2.11E-09	6.16E-11	2.85E-03	5.09E-05	1.57E-03	0.00E+00	3.32E-05	7.83E-03	1.81E-01	0.00E+00	2.45E-10	3.17E-10	3.68E-05	9.40E-07	2.42E-02	0.00E+00	1.81E-01	4.45E-10	1.81E-01	2.05E-01	2.42E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
MY263E	5.12E-05	2.26E-02	4.26E-03	1.84E-02	0.00E+00	0.00E+00	2.65E-01	2.52E-07	2.44E-05	1.51E-04	0.00E+00	4.48E-04	2.02E-09	5.92E-11	2.73E-03	4.90E-05	1.51E-03	0.00E+00	3.19E-05	7.53E-03	1.74E-01	0.00E+00	2.35E-10	3.05E-10	3.54E-05	9.03E-07	2.32E-02	0.00E+00	1.74E-01	4.27E-10	1.74E-01	1.97E-01	2.32E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
MY301	7.64E-05	3.31E-02	6.24E-03	2.69E-02	0.00E+00	0.00E+00	3.87E-01	3.68E-07	3.56E-05	2.22E-04	0.00E+00	6.55E-04	2.96E-09	8.66E-11	4.00E-03	7.16E-05	2.21E-03	0.00E+00	4.66E-05	1.10E-02	2.55E-01	0.00E+00	3.44E-10	4.46E-10	5.18E-05	1.32E-06	3.40E-02	0.00E+00	2.55E-01	6.25E-10	2.55E-01	2.89E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	2.00E-03
MY301E	7.61E-05	3.35E-02	6.31E-03	2.72E-02	0.00E+00	0.00E+00	3.92E-01	3.73E-07	3.61E-05	2.24E-04	0.00E+00	6.63E-04	3.00E-09	8.77E-11	4.05E-03	7.25E-05	2.24E-03	0.00E+00	4.72E-05	1.12E-02	2.58E-01	0.00E+00	3.49E-10	4.52E-10	5.24E-05	1.34E-06	3.44E-02	0.00E+00	2.58E-01	6.33E-10	2.58E-01	2.92E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
MY302	9.33E-05	4.04E-02	7.61E-03	3.28E-02	0.00E+00	0.00E+00	4.73E-01	4.49E-07	4.35E-05	2.70E-04	0.00E+00	7.99E-04	3.61E-09	1.06E-10	4.88E-03	8.74E-05	2.70E-03	0.00E+00	5.69E-05	1.34E-02	3.11E-01	0.00E+00	4.20E-10	5.44E-10	6.32E-05	1.61E-06	4.15E-02	0.00E+00	3.11E-01	7.63E-10	3.11E-01	3.52E-01	4.15E-02	0.00E+00	0.00E+00	0.00E+00	2.44E-03
MY303	6.92E-05	3.01E-02	5.68E-03	2.45E-02	0.00E+00	0.00E+00	3.52E-01	3.35E-07	3.24E-05	2.02E-04	0.00E+00	5.96E-04	2.70E-09	7.88E-11	3.64E-03	6.52E-05	2.01E-03	0.00E+00	4.25E-05	1.00E-02	2.32E-01	0.00E+00	3.13E-10	4.06E-10	4.71E-05	1.20E-06	3.09E-02	0.00E+00	2.32E-01	5.69E-10	2.32E-01	2.63E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
MY304	6.17E-05	2.69E-02	5.06E-03	2.18E-02	0.00E+00	0.00E+00	3.15E-01	2.99E-07	2.89E-05	1.80E-04	0.00E+00	5.32E-04	2.41E-09	7.03E-11	3.25E-03	5.82E-05	1.79E-03	0.00E+00	3.79E-05	8.94E-03	2.07E-01	0.00E+00	2.80E-10	3.62E-10	4.21E-05	1.07E-06	2.76E-02	0.00E+00	2.07E-01	5.08E-10	2.07E-01	2.35E-01	2.76E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-03
MY306	1.31E-04	5.72E-02	1.08E-02	4.64E-02	0.00E+00	0.00E+00	6.69E-01	6.36E-07	6.15E-05	3.83E-04	0.00E+00	1.13E-03	5.11E-09	1.49E-10	6.91E-03	1.24E-04	3.82E-03	0.00E+00	8.06E-05	1.90E-02	4.40E-01	0.00E+00	5.95E-10	7.70E-10	8.94E-05	2.28E-06	5.87E-02	0.00E+00	4.40E-01	1.08E-09	4.40E-01	4.99E-01	5.87E-02	0.00E+00	0.00E+00	0.00E+00	3.46E-03
MY306E	2.89E-05	1.31E-02	2.47E-03	1.06E-02	0.00E+00	0.00E+00	1.53E-01	1.46E-07	1.41E-05	8.77E-05	0.00E+00	2.59E-04	1.17E-09	3.43E-11	1.58E-03	2.84E-05	8.73E-04	0.00E+00	1.85E-05	4.36E-03	1.01E-01	0.00E+00	1.36E-10	1.77E-10	2.05E-05	5.23E-07	1.35E-02	0.00E+00	1.01E-01	2.47E-10	1.01E-01	1.14E-01	1.35E-02	0.00E+00	0.00E+00	0.00E+00	7.92E-04
MY306P	1.48E-04	6.44E-02	1.21E-02	5.23E-02	0.00E+00	0.00E+00	7.53E-01	7.16E-07	6.93E-05	4.31E-04	0.00E+00	1.27E-03	5.76E-09	1.68E-10	7.78E-03	1.39E-04	4.30E-03	0.00E+00	9.07E-05	2.14E-02	4.95E-01	0.00E+00	6.70E-10	8.67E-10	1.01E-04	2.57E-06	6.61E-02	0.00E+00	4.95E-01	1.22E-09	4.95E-01	5.62E-01	6.61E-02	0.00E+00	0.00E+00	0.00E+00	3.89E-03
MY310	1.30E-04	5.67E-02	1.07E-02	4.60E-02	0.00E+00	0.00E+00	6.62E-01	6.30E-07	6.10E-05	3.79E-04	0.00E+00	1.12E-03	5.07E-09	1.48E-10	6.84E-03	1.23E-04	3.78E-03	0.00E+00	7.98E-05	1.88E-02	4.36E-01	0.00E+00	5.89E-10	7.63E-10	8.86E-05	2.26E-06	5.81E-02	0.00E+00	4.36E-01	1.07E-09	4.36E-01	4.94E-01	5.81E-02	0.00E+00	0.00E+00	0.00E+00	3.43E-03
MY310P	2.77E-05	1.27E-02	2.40E-03	1.03E-02	0.00E+00	0.00E+00	1.49E-01	1.41E-07	1.37E-05	8.52E-05	0.00E+00	2.52E-04	1.14E-09	3.33E-11	1.54E-03	2.75E-05	8.47E-04	0.00E+00	1.79E-05	4.23E-03	9.79E-02	0.00E+00	1.32E-10	1.71E-10	1.99E-05	5.08E-07	1.31E-02	0.00E+00	9.79E-02	2.40E-10	9.79E-02	1.11E-01	1.31E-02	0.00E+00	0.00E+00	0.00E+00	7.69E-04
MY313	1.01E-04	4.42E-02	8.32E-03	3.59E-02	0.00E+00	0.00E+00	5.17E-01	4.91E-07	4.76E-05	2.96E-04	0.00E+00	8.74E-04	3.95E-09	1.16E-10	5.34E-03	9.56E-05	2.95E-03	0.00E+00	6.23E-05	1.47E-02	3.40E-01	0.00E+00	4.60E-10	5.95E-10	6.91E-05	1.76E-06	4.54E-02	0.00E+00	3.40E-01	8.34E-10	3.40E-01	3.85E-01	4.54E-02	0.00E+00	0.00E+00	0.00E+00	2.67E-03
MY316	1.08E-04	4.73E-02	8.91E-03	3.84E-02	0.00E+00	0.00E+00	5.53E-01	5.26E-07	5.09E-05	3.17E-04	0.00E+00	9.35E-04	4.23E-09	1.24E-10	5.72E-03	1.02E-04	3.16E-03	0.00E+00	6.66E-05	1.57E-02	3.64E-01	0.00E+00	4.92E-10	6.37E-10	7.40E-05	1.89E-06	4.86E-02	0.00E+00	3.64E-01	8.93E-10	3.64E-01	4.13E-01	4.86E-02	0.00E+00	0.00E+00	0.00E+00	2.86E-03
MY316P	7.97E-05	3.51E-02	6.62E-03	2.85E-02	0.00E+00	0.00E+00	4.11E-01	3.91E-07	3.78E-05	2.35E-04	0.00E+00	6.95E-04	3.14E-09	9.19E-11	4.24E-03	7.60E-05	2.34E-03	0.00E+00	4.95E-05	1.17E-02	2.70E-01	0.00E+00	3.65E-10	4.73E-10	5.50E-05	1.40E-06	3.61E-02	0.00E+00	2.70E-01	6.63E-10	2.70E-01	3.06E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	2.13E-03
MY320	6.83E-05	3.01E-02	5.67E-03	2.44E-02	0.00E+00	0.00E+00	3.52E-01	3.34E-07	3.24E-05	2.01E-04	0.00E+00	5.95E-04	2.69E-09	7.87E-11	3.63E-03	6.51E-05	2.01E-03	0.00E+00	4.24E-05	1.00E-02	2.32E-01	0.00E+00	3.13E-10	4.05E-10	4.71E-05	1.20E-06	3.09E-02	0.00E+00	2.32E-01	5.68E-10	2.32E-01	2.62E-01	3.09E-02	0.00E+00	0.00E+00	0.00E+00	1.82E-03
MY320E	7.83E-05	3.45E-02	6.50E-03	2.80E-02	0.00E+00	0.00E+00	4.03E-01	3.84E-07	3.71E-05	2.31E-04	0.00E+00	6.82E-04	3.09E-09	9.02E-11	4.17E-03	7.46E-05	2.30E-03	0.00E+00	4.86E-05	1.15E-02	2.65E-01	0.00E+00	3.59E-10	4.65E-10	5.39E-05	1.38E-06	3.54E-02	0.00E+00	2.65E-01	6.51E-10	2.65E-01	3.01E-01	3.54E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
MY320P	7.48E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.94E-09	8.60E-11	3.97E-03	7.12E-05	2.20E-03	0.00E+00	4.63E-05	1.09E-02	2.53E-01	0.00E+00	3.42E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.21E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MY325	3.24E-05	1.47E-02	2.76E-03	1.19E-02	0.00E+00	0.00E+00	1.72E-01	1.63E-07	1.58E-05	9.82E-05	0.00E+00	2.90E-04	1.31E-09	3.84E-11	1.77E-03	3.18E-05	9.77E-04	0.00E+00	2.07E-05	4.88E-03	1.13E-01	0.00E+00	1.53E-10	1.98E-10	2.30E-05	5.85E-07	1.51E-02	0.00E+00	1.13E-01	2.77E-10	1.13E-01	1.28E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.87E-04
MY325E	7.55E-05	3.33E-02	6.28E-03	2.71E-02	0.00E+00	0.00E+00	3.90E-01	3.71E-07	3.59E-05	2.23E-04	0.00E+00	6.59E-04	2.98E-09	8.71E-11	4.03E-03	7.21E-05	2.22E-03	0.00E+00	4.69E-05	1.11E-02	2.56E-01	0.00E+00	3.47E-10	4.49E-10	5.21E-05	1.33E-06	3.42E-02	0.00E+00	2.56E-01	6.29E-10	2.56E-01	2.91E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
MY325P	7.23E-05	3.19E-02	6.01E-03	2.59E-02	0.00E+00	0.00E+00	3.73E-01	3.55E-07	3.43E-05	2.13E-04	0.00E+00	6.31E-04	2.85E-09	8.34E-11	3.85E-03	6.90E-05	2.13E-03	0.00E+00	4.49E-05	1.06E-02	2.45E-01	0.00E+00	3.32E-10	4.29E-10	4.99E-05	1.27E-06	3.27E-02	0.00E+00	2.45E-01	6.02E-10	2.45E-01	2.78E-01	3.27E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
MY332	6.99E-05	3.08E-02	5.80E-03	2.50E-02	0.00E+00	0.00E+00	3.60E-01	3.42E-07	3.31E-05	2.06E-04	0.00E+00	6.09E-04	2.75E-09	8.05E-11	3.72E-03	6.66E-05	2.05E-03	0.00E+00	4.34E-05	1.02E-02	2.37E-01	0.00E+00	3.20E-10	4.15E-10	4.81E-05	1.23E-06	3.16E-02	0.00E+00	2.37E-01	5.81E-10	2.37E-01	2.69E-01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
MY332E	7.09E-05	3.12E-02	5.87E-03	2.53E-02	0.00E+00	0.00E+00	3.65E-01	3.47E-07	3.36E-05	2.09E-04	0.00E+00	6.17E-04	2.79E-09	8.15E-11	3.77E-03	6.75E-05	2.08E-03	0.00E+00	4.39E-05	1.04E-02	2.40E-01	0.00E+00	3.24E-10	4.20E-10	4.88E-05	1.24E-06	3.20E-02	0.00E+00	2.40E-01	5.89E-10	2.40E-01	2.72E-01	3.20E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
MY332P	7.09E-05	3.13E-02	5.89E-03	2.54E-02	0.00E+00	0.00E+00	3.66E-01	3.48E-07	3.37E-05	2.09E-04	0.00E+00	6.18E-04	2.80E-09	8.17E-11	3.78E-03	6.76E-05	2.09E-03	0.00E+00	4.40E-05	1.04E-02	2.41E-01	0.00E+00	3.25E-10	4.21E-10	4.89E-05	1.25E-06	3.21E-02	0.00E+00	2.41E-01	5.90E-10	2.41E-01	2.73E-01	3.21E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
MY340	6.38E-05	2.82E-02	5.31E-03	2.29E-02	0.00E+00	0.00E+00	3.30E-01	3.13E-07	3.03E-05	1.89E-04	0.00E+00	5.57E-04	2.52E-09	7.37E-11	3.40E-03	6.10E-05	1.88E-03	0.00E+00	3.97E-05	9.37E-03	2.17E-01	0.00E+00	2.93E-10	3.80E-10	4.41E-05	1.12E-06	2.89E-02	0.00E+00	2.17E-01	5.32E-10	2.17E-01	2.46E-01	2.89E-02	0.00E+00	0.00E+00	0.00E+00	1.70E-03
MY340E	6.97E-05	3.09E-02	5.82E-03	2.51E-02	0.00E+00	0.00E+00	3.61E-01	3.43E-07	3.32E-05	2.07E-04	0.00E+00	6.11E-04	2.76E-09	8.07E-11	3.73E-03	6.68E-05	2.06E-03	0.00E+00	4.35E-05	1.03E-02	2.38E-01	0.00E+00	3.21E-10	4.16E-10	4.83E-05	1.23E-06	3.17E-02	0.00E+00	2.38E-01	5.83E-10	2.38E-01	2.69E-01	3.17E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03
MY350	9.27E-05	4.06E-02	7.63E-03	3.29E-02	0.00E+00	0.00E+00	4.74E-01	4.51E-07	4.36E-05	2.71E-04	0.00E+00	8.02E-04	3.63E-09	1.06E-10	4.90E-03	8.77E-05	2.71E-03	0.00E+00	5.71E-05	1.35E-02	3.12E-01	0.00E+00	4.22E-10	5.46E-10	6.34E-05	1.62E-06	4.16E-02	0.00E+00	3.12E-01	7.65E-10	3.12E-01	3.54E-01	4.16E-02	0.00E+00	0.00E+00	0.00E+00	2.45E-03
MY350E	1.38E-04	6.00E-02	1.13E-02	4.87E-02	0.00E+00	0.00E+00	7.01E-01	6.67E-07	6.45E-05	4.01E-04	0.00E+00	1.19E-03	5.36E-09	1.57E-10	7.24E-03	1.30E-04	4.00E-03	0.00E+00	8.45E-05	1.99E-02	4.61E-01	0.00E+00	6.23E-10	8.07E-10	9.38E-05	2.39E-06	6.15E-02	0.00E+00	4.61E-01	1.13E-09	4.61E-01	5.23E-01	6.15E-02	0.00E+00	0.00E+00	0.00E+00	3.63E-03

MY363	7.60E-05	3.34E-02	6.29E-03	2.71E-02	0.00E+00	0.00E+00	3.90E-01	3.71E-07	3.59E-05	2.23E-04	0.00E+00	6.60E-04	2.99E-09	8.73E-11	4.03E-03	7.22E-05	2.23E-03	0.00E+00	4.70E-05	1.11E-02	2.57E-01	0.00E+00	3.47E-10	4.49E-10	5.22E-05	1.33E-06	3.43E-02	0.00E+00	2.57E-01	6.30E-10	2.57E-01	2.91E-01	3.43E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-03
MY363E	7.41E-05	3.28E-02	6.17E-03	2.66E-02	0.00E+00	0.00E+00	3.83E-01	3.64E-07	3.52E-05	2.19E-04	0.00E+00	6.48E-04	2.93E-09	8.56E-11	3.96E-03	7.09E-05	2.18E-03	0.00E+00	4.61E-05	1.09E-02	2.52E-01	0.00E+00	3.41E-10	4.41E-10	5.12E-05	1.31E-06	3.36E-02	0.00E+00	2.52E-01	6.18E-10	2.52E-01	2.86E-01	3.36E-02	0.00E+00	0.00E+00	0.00E+00	1.98E-03
MY410P	3.69E-05	1.70E-02	3.20E-03	1.38E-02	0.00E+00	0.00E+00	1.98E-01	1.89E-07	1.83E-05	1.14E-04	0.00E+00	3.36E-04	1.52E-09	4.44E-11	2.05E-03	3.67E-05	1.13E-03	0.00E+00	2.39E-05	5.64E-03	1.31E-01	0.00E+00	1.76E-10	2.28E-10	2.65E-05	6.76E-07	1.74E-02	0.00E+00	1.31E-01	3.20E-10	1.31E-01	1.48E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
MY416P	3.68E-05	1.70E-02	3.20E-03	1.38E-02	0.00E+00	0.00E+00	1.98E-01	1.89E-07	1.83E-05	1.14E-04	0.00E+00	3.36E-04	1.52E-09	4.44E-11	2.05E-03	3.67E-05	1.13E-03	0.00E+00	2.39E-05	5.64E-03	1.31E-01	0.00E+00	1.76E-10	2.28E-10	2.65E-05	6.76E-07	1.74E-02	0.00E+00	1.31E-01	3.20E-10	1.31E-01	1.48E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-03
MY420E	3.68E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.87E-07	1.81E-05	1.12E-04	0.00E+00	3.32E-04	1.50E-09	4.39E-11	2.03E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.58E-03	1.29E-01	0.00E+00	1.75E-10	2.26E-10	2.63E-05	6.70E-07	1.72E-02	0.00E+00	1.29E-01	3.17E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
MY420P	1.04E-04	4.56E-02	8.58E-03	3.70E-02	0.00E+00	0.00E+00	5.33E-01	5.07E-07	4.91E-05	3.05E-04	0.00E+00	9.01E-04	4.08E-09	1.19E-10	5.51E-03	9.86E-05	3.04E-03	0.00E+00	6.42E-05	1.52E-02	3.51E-01	0.00E+00	4.74E-10	6.14E-10	7.13E-05	1.82E-06	4.68E-02	0.00E+00	3.51E-01	8.60E-10	3.51E-01	3.97E-01	4.68E-02	0.00E+00	0.00E+00	0.00E+00	2.76E-03
MY425E	2.85E-05	1.32E-02	2.49E-03	1.07E-02	0.00E+00	0.00E+00	1.55E-01	1.47E-07	1.42E-05	8.85E-05	0.00E+00	2.62E-04	1.18E-09	3.46E-11	1.60E-03	2.86E-05	8.79E-04	0.00E+00	1.86E-05	4.39E-03	1.02E-01	0.00E+00	1.38E-10	1.78E-10	2.07E-05	5.27E-07	1.36E-02	0.00E+00	1.02E-01	2.49E-10	1.02E-01	1.15E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	7.99E-04
MY425P	1.01E-04	4.47E-02	8.42E-03	3.63E-02	0.00E+00	0.00E+00	5.23E-01	4.97E-07	4.81E-05	2.99E-04	0.00E+00	8.84E-04	4.00E-09	1.17E-10	5.40E-03	9.67E-05	2.98E-03	0.00E+00	6.30E-05	1.49E-02	3.44E-01	0.00E+00	4.65E-10	6.02E-10	6.99E-05	1.78E-06	4.59E-02	0.00E+00	3.44E-01	8.44E-10	3.44E-01	3.90E-01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	2.70E-03
MY432E	1.26E-04	5.52E-02	1.04E-02	4.48E-02	0.00E+00	0.00E+00	6.45E-01	6.13E-07	5.94E-05	3.69E-04	0.00E+00	1.09E-03	4.94E-09	1.44E-10	6.67E-03	1.19E-04	3.68E-03	0.00E+00	7.77E-05	1.84E-02	4.25E-01	0.00E+00	5.74E-10	7.43E-10	8.63E-05	2.20E-06	5.66E-02	0.00E+00	4.25E-01	1.04E-09	4.25E-01	4.81E-01	5.66E-02	0.00E+00	0.00E+00	0.00E+00	3.34E-03
MY432P	9.85E-05	4.34E-02	8.17E-03	3.52E-02	0.00E+00	0.00E+00	5.08E-01	4.83E-07	4.67E-05	2.90E-04	0.00E+00	8.58E-04	3.88E-09	1.13E-10	5.24E-03	9.39E-05	2.90E-03	0.00E+00	6.11E-05	1.44E-02	3.34E-01	0.00E+00	4.51E-10	5.84E-10	6.79E-05	1.73E-06	4.46E-02	0.00E+00	3.34E-01	8.19E-10	3.34E-01	3.79E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
MY440E	1.10E-04	4.84E-02	9.11E-03	3.93E-02	0.00E+00	0.00E+00	5.66E-01	5.38E-07	5.21E-05	3.24E-04	0.00E+00	9.56E-04	4.33E-09	1.26E-10	5.84E-03	1.05E-04	3.23E-03	0.00E+00	6.81E-05	1.61E-02	3.72E-01	0.00E+00	5.03E-10	6.51E-10	7.56E-05	1.93E-06	4.96E-02	0.00E+00	3.72E-01	9.13E-10	3.72E-01	4.22E-01	4.96E-02	0.00E+00	0.00E+00	0.00E+00	2.93E-03
MY440P	9.80E-05	4.33E-02	8.15E-03	3.51E-02	0.00E+00	0.00E+00	5.06E-01	4.81E-07	4.66E-05	2.89E-04	0.00E+00	8.55E-04	3.87E-09	1.13E-10	5.22E-03	9.36E-05	2.89E-03	0.00E+00	6.09E-05	1.44E-02	3.33E-01	0.00E+00	4.50E-10	5.82E-10	6.76E-05	1.73E-06	4.44E-02	0.00E+00	3.33E-01	8.16E-10	3.33E-01	3.77E-01	4.44E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
MY450E	1.20E-04	5.27E-02	9.92E-03	4.28E-02	0.00E+00	0.00E+00	6.16E-01	5.86E-07	5.67E-05	3.53E-04	0.00E+00	1.04E-03	4.71E-09	1.38E-10	6.37E-03	1.14E-04	3.52E-03	0.00E+00	7.42E-05	1.75E-02	4.05E-01	0.00E+00	5.48E-10	7.10E-10	8.24E-05	2.10E-06	5.41E-02	0.00E+00	4.05E-01	9.95E-10	4.05E-01	4.60E-01	5.41E-02	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MY463E	1.25E-04	5.49E-02	1.03E-02	4.45E-02	0.00E+00	0.00E+00	6.41E-01	6.10E-07	5.90E-05	3.67E-04	0.00E+00	1.08E-03	4.91E-09	1.43E-10	6.63E-03	1.19E-04	3.66E-03	0.00E+00	7.73E-05	1.82E-02	4.22E-01	0.00E+00	5.70E-10	7.39E-10	8.58E-05	2.19E-06	5.63E-02	0.00E+00	4.22E-01	1.04E-09	4.22E-01	4.78E-01	5.63E-02	0.00E+00	0.00E+00	0.00E+00	3.32E-03
MY706P	1.83E-05	8.50E-03	1.60E-03	6.90E-03	0.00E+00	0.00E+00	9.95E-02	9.46E-08	9.16E-06	5.69E-05	0.00E+00	1.68E-04	7.61E-10	2.22E-11	1.03E-03	1.84E-05	5.66E-04	0.00E+00	1.20E-05	2.83E-03	6.55E-02	0.00E+00	8.85E-11	1.15E-10	1.33E-05	3.39E-07	8.73E-03	0.00E+00	6.55E-02	1.61E-10	6.55E-02	7.42E-02	8.73E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-04
MY716P	1.82E-05	8.51E-03	1.60E-03	6.91E-03	0.00E+00	0.00E+00	9.96E-02	9.46E-08	9.16E-06	5.70E-05	0.00E+00	1.68E-04	7.62E-10	2.23E-11	1.03E-03	1.84E-05	5.66E-04	0.00E+00	1.20E-05	2.83E-03	6.55E-02	0.00E+00	8.85E-11	1.15E-10	1.33E-05	3.39E-07	8.74E-03	0.00E+00	6.55E-02	1.61E-10	6.55E-02	7.42E-02	8.74E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-04
MY720P	1.84E-05	8.51E-03	1.60E-03	6.90E-03	0.00E+00	0.00E+00	9.95E-02	9.46E-08	9.16E-06	5.69E-05	0.00E+00	1.68E-04	7.61E-10	2.22E-11	1.03E-03	1.84E-05	5.66E-04	0.00E+00	1.20E-05	2.83E-03	6.55E-02	0.00E+00	8.85E-11	1.15E-10	1.33E-05	3.39E-07	8.73E-03	0.00E+00	6.55E-02	1.61E-10	6.55E-02	7.42E-02	8.73E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-04
MY725P	1.84E-05	8.50E-03	1.60E-03	6.90E-03	0.00E+00	0.00E+00	9.95E-02	9.46E-08	9.16E-06	5.69E-05	0.00E+00	1.68E-04	7.61E-10	2.22E-11	1.03E-03	1.84E-05	5.66E-04	0.00E+00	1.20E-05	2.83E-03	6.55E-02	0.00E+00	8.85E-11	1.15E-10	1.33E-05	3.39E-07	8.73E-03	0.00E+00	6.55E-02	1.60E-10	6.55E-02	7.42E-02	8.73E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-04
MY732P	5.06E-05	2.24E-02	4.21E-03	1.82E-02	0.00E+00	0.00E+00	2.62E-01	2.49E-07	2.41E-05	1.50E-04	0.00E+00	4.42E-04	2.00E-09	5.85E-11	2.70E-03	4.84E-05	1.49E-03	0.00E+00	3.15E-05	7.44E-03	1.72E-01	0.00E+00	2.33E-10	3.01E-10	3.50E-05	8.92E-07	2.30E-02	0.00E+00	1.72E-01	4.22E-10	1.72E-01	1.95E-01	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-03
MY740P	4.83E-05	2.13E-02	4.02E-03	1.73E-02	0.00E+00	0.00E+00	2.49E-01	2.37E-07	2.30E-05	1.43E-04	0.00E+00	4.22E-04	1.91E-09	5.57E-11	2.58E-03	4.61E-05	1.42E-03	0.00E+00	3.00E-05	7.09E-03	1.64E-01	0.00E+00	2.22E-10	2.87E-10	3.34E-05	8.51E-07	2.19E-02	0.00E+00	1.64E-01	4.03E-10	1.64E-01	1.86E-01	2.19E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
MYN106	3.60E-05	1.57E-02	2.96E-03	1.28E-02	0.00E+00	0.00E+00	1.84E-01	1.75E-07	1.69E-05	1.05E-04	0.00E+00	3.11E-04	1.41E-09	4.11E-11	1.90E-03	3.40E-05	1.05E-03	0.00E+00	2.22E-05	5.24E-03	1.21E-01	0.00E+00	1.64E-10	2.12E-10	2.46E-05	6.28E-07	1.62E-02	0.00E+00	1.21E-01	2.97E-10	1.21E-01	1.37E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	9.52E-04
MYN110	1.25E-05	5.64E-03	1.06E-03	4.58E-03	0.00E+00	0.00E+00	6.60E-02	6.27E-08	6.07E-06	3.78E-05	0.00E+00	1.12E-04	5.05E-10	1.48E-11	6.81E-04	1.22E-05	3.76E-04	0.00E+00	7.95E-06	1.88E-03	4.34E-02	0.00E+00	5.87E-11	7.60E-11	8.83E-06	2.25E-07	5.79E-03	0.00E+00	4.34E-02	1.07E-10	4.34E-02	4.92E-02	5.79E-03	0.00E+00	0.00E+00	0.00E+00	3.41E-04
MYN116	1.16E-05	5.26E-03	9.90E-04	4.27E-03	0.00E+00	0.00E+00	6.15E-02	5.84E-08	5.66E-06	3.52E-05	0.00E+00	1.04E-04	4.70E-10	1.37E-11	6.35E-04	1.14E-05	3.50E-04	0.00E+00	7.40E-06	1.75E-03	4.04E-02	0.00E+00	5.47E-11	7.08E-11	8.22E-06	2.10E-07	5.39E-03	0.00E+00	4.04E-02	9.92E-11	4.04E-02	4.58E-02	5.39E-03	0.00E+00	0.00E+00	0.00E+00	3.18E-04
MYN120	1.24E-05	5.58E-03	1.05E-03	4.53E-03	0.00E+00	0.00E+00	6.53E-02	6.20E-08	6.01E-06	3.73E-05	0.00E+00	1.10E-04	4.99E-10	1.46E-11	6.74E-04	1.21E-05	3.72E-04	0.00E+00	7.86E-06	1.86E-03	4.29E-02	0.00E+00	5.80E-11	7.51E-11	8.73E-06	2.23E-07	5.73E-03	0.00E+00	4.29E-02	1.05E-10	4.29E-02	4.87E-02	5.73E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MYN125	1.24E-05	5.58E-03	1.05E-03	4.53E-03	0.00E+00	0.00E+00	6.52E-02	6.20E-08	6.00E-06	3.73E-05	0.00E+00	1.10E-04	4.99E-10	1.46E-11	6.73E-04	1.21E-05	3.72E-04	0.00E+00	7.85E-06	1.85E-03	4.29E-02	0.00E+00	5.80E-11	7.51E-11	8.72E-06	2.22E-07	5.72E-03	0.00E+00	4.29E-02	1.05E-10	4.29E-02	4.86E-02	5.72E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
MYN132	3.07E-05	1.35E-02	2.54E-03	1.09E-02	0.00E+00	0.00E+00	1.57E-01	1.50E-07	1.45E-05	9.01E-05	0.00E+00	2.66E-04	1.20E-09	3.52E-11	1.63E-03	2.91E-05	8.99E-04	0.00E+00	1.90E-05	4.48E-03	1.04E-01	0.00E+00	1.40E-10	1.81E-10	2.11E-05	5.37E-07	1.38E-02	0.00E+00	1.04E-01	2.54E-10	1.04E-01	1.17E-01	1.38E-02	0.00E+00	0.00E+00	0.00E+00	8.14E-04
MYN140	3.50E-05	1.53E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.79E-01	1.70E-07	1.65E-05	1.02E-04	0.00E+00	3.03E-04	1.37E-09	4.00E-11	1.85E-03	3.31E-05	1.02E-03	0.00E+00	2.16E-05	5.09E-03	1.18E-01	0.00E+00	1.59E-10	2.06E-10	2.39E-05	6.11E-07	1.57E-02	0.00E+00	1.18E-01	2.89E-10	1.18E-01	1.34E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.26E-04
MYN150	6.55E-05	2.84E-02	5.35E-03	2.31E-02	0.00E+00	0.00E+00	3.32E-01	3.16E-07	3.06E-05	1.90E-04	0.00E+00	5.62E-04	2.54E-09	7.43E-11	3.43E-03	6.15E-05	1.90E-03	0.00E+00	4.00E-05	9.46E-03	2.19E-01	0.00E+00	2.96E-10	3.83E-10	4.44E-05	1.13E-06	2.92E-02	0.00E+00	2.19E-01	5.37E-10	2.19E-01	2.48E-01	2.92E-02	0.00E+00	0.00E+00	0.00E+00	1.72E-03
MYN163	3.76E-05	1.64E-02	3.09E-03	1.33E-02	0.00E+00	0.00E+00	1.92E-01	1.83E-07	1.77E-05	1.10E-04	0.00E+00	3.25E-04	1.47E-09	4.29E-11	1.98E-03	3.55E-05	1.10E-03	0.00E+00	2.31E-05	5.46E-03	1.26E-01	0.00E+00	1.71E-10	2.21E-10	2.57E-05	6.55E-07	1.69E-02	0.00E+00	1.26E-01	3.10E-10	1.26E-01	1.43E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.94E-04
MYN206	2.03E-05	9.21E-03	1.74E-03	7.48E-03	0.00E+00	0.00E+00	1.08E-01	1.02E-07	9.92E-06	6.17E-05	0.00E+00	1.82E-04	8.25E-10	2.41E-11	1.11E-03	1.99E-05	6.14E-04	0.00E+00	1.30E-05	3.06E-03	7.09E-02	0.00E+00	9.58E-11	1.24E-10	1.44E-05	3.68E-07	9.46E-03	0.00E+00	7.09E-02	1.74E-10	7.09E-02	8.04E-02	9.46E-03	0.00E+00	0.00E+00	0.00E+00	5.57E-04
MYN210	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN216	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN220	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN225	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MYN232	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MYN240	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MYN250	6.73E-05	2.94E-02	5.54E-03	2.39E-02	0.00E+00	0.00E+00	3.44E-01	3.27E-07	3.17E-05	1.97E-04	0.00E+00	5.82E-04	2.63E-09	7.69E-11	3.55E-03	6.36E-05	1.96E-03	0.00E+00	4.14E-05	9.78E-03	2.26E-01	0.00E+00	3.06E-10	3.96E-10	4.60E-05	1.17E-06	3.02E-02	0.00E+00	2.26E-01	5.55E-10	2.26E-01	2.57E-01	3.02E-02	0.00E+00	0.00E+00	0.00E+00	1.78E-03
MYN263	7.44E-05	3.25E-02	6.11E-03	2.64E-02	0.00E+00	0.00E+00	3.80E-01	3.61E-07	3.49E-05	2.17E-04	0.00E+00	6.42E-04	2.90E-09	8.49E-11	3.92E-03	7.02E-05	2.17E-03	0.00E+00	4.57E-05	1.08E-02	2.50E-01	0.00E+00	3.38E-10	4.37E-10	5.08E-05	1.30E-06	3.33E-02	0.00E+00	2.50E-01	6.13E-10	2.50E-01	2.83E-01	3.33E-02	0.00E+00	0.00E+00	0.00E+00	1.96E-03
MYN306	9.01E-05	3.95E-02	7.43E-03	3.21E-02	0.00E+00	0.00E+00	4.62E-01	4.39E-07	4.25E-05	2.64E-04	0.00E+00	7.80E-04	3.53E-09	1.03E-10	4.77E-03	8.54E-05	2.63E-03	0.00E+00	5.56E-05	1.31E-02	3.04E-01	0.00E+00	4.10E-10	5.32E-10	6.17E-05	1.57E-06	4.05E-02	0.00E+00	3.04E-01	7.45E-10	3.04E-01	3.44E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
MYN310	1.06E-04	4.63E-02	8.71E-03	3.76E-02	0.00E+00	0.00E+00	5.41E-01	5.14E-07	4.98E-05	3.09E-04	0.00E+00	9.15E-04	4.14E-09	1.21E-10	5.59E-03	1.00E-04	3.09E-03	0.00E+00	6.52E-05	1.54E-02	3.56E-01	0.00E+00	4.81E-10	6.23E-10	7.23E-05	1.85E-06	4.75E-02	0.00E+00	3.56E-01	8.73E-10	3.56E-01	4.03E-01	4.75E-02	0.00E+00	0.00E+00	0.00E+00	2.80E-03
MYN316	6.41E-05	2.83E-02	5.33E-03	2.30E-02	0.00E+00	0.00E+00	3.31E-01	3.15E-07	3.05E-05	1.89E-04	0.00E+00	5.60E-04	2.53E-09	7.40E-11	3.42E-03	6.12E-05	1.89E-03	0.00E+00	3.99E-05	9.41E-03	2.18E-01	0.00E+00	2.94E-10	3.81E-10	4.43E-05	1.13E-06	2.91E-02	0.00E+00	2.18E-01	5.34E-10	2.18E-01	2.47E-01	2.91E-02	0.00E+00	0.00E+00	0.00E+00	1.71E-03
MYN320	3.95E-05	1.77E-02	3.34E-03	1.44E-02	0.00E+00	0.00E+00	2.07E-01	1.97E-07	1.91E-05	1.18E-04	0.00E+00	3.50E-04	1.58E-09	4.63E-11	2.14E-03	3.83E-05	1.18E-03	0.00E+00	2.49E-05	5.89E-03	1.36E-01	0.00E+00	1.84E-10	2.38E-10	2.77E-05	7.06E-07	1.82E-02	0.00E+00	1.36E-01	3.34E-10	1.36E-01	1.54E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
MYN325	2.83E-05	1.29E-02	2.43E-03	1.05E-02	0.00E+00	0.00E+00	1.51E-01	1.44E-07	1.39E-05	8.65E-05	0.00E+00	2.56E-04	1.16E-09	3.38E-11	1.56E-03	2.80E-05	8.60E-04	0.00E+00	1.82E-05	4.29E-03	9.94E-02	0.00E+00	1.34E-10	1.74E-10	2.02E-05	5.15E-07	1.33E-02	0.00E+00	9.94E-02	2.44E-10	9.94E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
MYN332	9.91E-05	4.34E-02	8.17E-03	3.52E-02	0.00E+00	0.00E+00	5.07E-01	4.82E-07	4.67E-05	2.90E-04	0.00E+00	8.57E-04	3.88E-09	1.13E-10	5.24E-03	9.38E-05	2.90E-03	0.00E+00	6.11E-05	1.44E-02	3.34E-01	0.00E+00	4.51E-10	5.84E-10	6.78E-05	1.73E-06	4.45E-02	0.00E+00	3.34E-01	8.18E-10	3.34E-01	3.78E-01	4.45E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
MYN340	1.02E-04	4.45E-02	8.37E-03	3.61E-02	0.00E+00	0.00E+00	5.20E-01	4.94E-07	4.79E-05	2.98E-04	0.00E+00	8.79E-04	3.98E-09	1.16E-10	5.37E-03	9.62E-05	2.97E-03	0.00E+00	6.26E-05	1.48E-02	3.42E-01	0.00E+00	4.62E-10	5.99E-10	6.95E-05	1.77E-06	4.56E-02	0.00E+00	3.42E-01	8.39E-10	3.42E-01	3.88E-01	4.56E-02	0.00E+00	0.00E+00	0.00E+00	2.69E-03
MYN350	9.58E-05	4.19E-02	7.90E-03	3.40E-02	0.00E+00	0.00E+00	4.90E-01	4.66E-07	4.51E-05	2.81E-04	0.00E+00	8.29E-04	3.75E-09	1.10E-10	5.07E-03	9.07E-05	2.80E-03	0.00E+00	5.91E-05	1.39E-02	3.23E-01	0.00E+00	4.36E-10	5.65E-10	6.56E-05	1.67E-06	4.30E-02	0.00E+00	3.23E-01	7.91E-10	3.23E-01	3.66E-01	4.30E-02	0.00E+00	0.00E+00	0.00E+00	2.54E-03
MYN363	1.07E-04	4.69E-02	8.83E-03	3.81E-02	0.00E+00	0.00E+00	5.48E-01	5.21E-07	5.04E-05	3.14E-04	0.00E+00	9.27E-04	4.19E-09	1.23E-10	5.66E-03	1.01E-04	3.13E-03	0.00E+00	6.60E-05	1.56E-02	3.61E-01	0.00E+00	4.87E-10	6.31E-10	7.33E-05	1.87E-06	4.81E-02	0.00E+00	3.61E-01	8.85E-10	3.61E-01	4.09E-01	4.81E-02	0.00E+00	0.00E+00	0.00E+00	2.84E-03
MYN406	1.35E-04	5.91E-02	1.11E-02	4.80E-02	0.00E+00	0.00E+00	6.91E-01	6.57E-07	6.36E-05	3.96E-04	0.00E+00	1.17E-03	5.29E-09	1.55E-10	7.14E-03	1.28E-04	3.95E-03	0.00E+00	8.33E-05	1.97E-02	4.55E-01	0.00E+00	6.15E-10	7.96E-10	9.24E-05	2.36E-06	6.07E-02	0.00E+00	4.55E-01	1.12E-09	4.55E-01	5.16E-01	6.07E-02	0.00E+00	0.00E+00	0.00E+00	3.58E-03
MYN410	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN416	7.48E-05	3.32E-02	6.24E-03	2.69E-02	0.00E+00	0.00E+00	3.88E-01	3.69E-07	3.57E-05	2.22E-04	0.00E+00	6.56E-04	2.97E-09	8.67E-11	4.01E-03	7.17E-05	2.21E-03	0.00E+00	4.67E-05	1.10E-02	2.55E-01	0.00E+00	3.45E-10	4.47E-10	5.19E-05	1.32E-06	3.40E-02	0.00E+00	2.55E-01	6.26E-10	2.55E-01	2.89E-01	3.40E-02	0.00E+00	0.00E+00	0.00E+00	2.01E-03
MYN420	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN425	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN432	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN440	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN450	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN463	7.43E-05	3.29E-02	6.20E-03	2.67E-02	0.00E+00	0.00E+00	3.85E-01	3.66E-07	3.54E-05	2.20E-04	0.00E+00	6.51E-04	2.95E-09	8.61E-11	3.98E-03	7.12E-05	2.20E-03	0.00E+00	4.64E-05	1.10E-02	2.53E-01	0.00E+00	3.43E-10	4.43E-10	5.15E-05	1.31E-06	3.38E-02	0.00E+00	2.53E-01	6.22E-10	2.53E-01	2.87E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	1.99E-03
MYN506	2.03E-05	9.25E-03	1.74E-03	7.51E-03	0.00E+00	0.00E+00	1.08E-01	1.03E-07	9.96E-06	6.19E-05	0.00E+00	1.83E-04	8.28E-10	2.42E-11	1.12E-03	2.00E-05	6.16E-04	0.00E+00	1.30E-05	3.07E-03	7.12E-02	0.00E+00	9.62E-11	1.25E-10	1.45E-05	3.69E-07	9.50E-03	0.00E+00	7.12E-02	1.75E-10	7.12E-02	8.07E-02	9.50E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04
MYN510	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN516	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN520	3.74E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.01E-03	3.59E-05	1.11E-03	0.00E+00	2.34E-05	5.52E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
MYN525	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MYN532	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
MYN540	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
NAN120S	3.53E-05	1.53E-02	2.89E-03	1.24E-02	0.00E+00	0.00E+00	1.79E-01	1.70E-07	1.65E-05	1.03E-04	0.00E+00	3.03E-04	1.37E-09	4.01E-11	1.85E-03	3.32E-05	1.02E-03	0.00E+00	2.16E-05	5.10E-03	1.18E-01	0.00E+00	1.59E-10	2.06E-10	2.40E-05	6.12E-07	1.57E-02	0.00E+00	1.18E-01	2.89E-10	1.18E-01	1.34E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.27E-04
NB106A	1.28E-05	5.83E-03	1.10E-03	4.73E-03	0.00E+00	0.00E+00	6.82E-02	6.48E-08	6.27E-06	3.90E-05	0.00E+00	1.15E-04	5.21E-10	1.52E-11	7.04E-04	1.26E-05	3.88E-04	0.00E+00	8.21E-06	1.94E-03	4.48E-02	0.00E+00	6.06E-11	7.85E-11	9.12E-06	2.32E-07	5.98E-03	0.00E+00	4.48E-02	1.10E-10	4.48E-02	5.08E-02	5.98E-03	0.00E+00	0.00E+00	0.00E+00	3.52E-04
NB110A	2.03E-05	9.03E-03	1.70E-03	7.33E-03	0.00E+00	0.00E+00	1.06E-01	1.00E-07	9.72E-06	6.04E-05	0.00E+00	1.79E-04	8.08E-10	2.36E-11	1.09E-03	1.95E-05	6.02E-04	0.00E+00	1.27E-05	3.00E-03	6.95E-02	0.00E+00	9.39E-11	1.22E-10	1.41E-05	3.60E-07	9.27E-03	0.00E+00	6.95E-02	1.70E-10	6.95E-02	7.88E-02	9.27E-03	0.00E+00	0.00E+00	0.00E+00	5.46E-04
NB113A	8.79E-06	4.06E-03	7.65E-04	3.30E-03	0.00E+00	0.00E+00	4.75E-02	4.52E-08	4.37E-06	2.72E-05	0.00E+00	8.04E-05	3.64E-10	1.06E-11	4.90E-04	8.79E-06	2.70E-04	0.00E+00	5.72E-06	1.35E-03	3.13E-02	0.00E+00	4.23E-11	5.47E-11	6.35E-06	1.62E-07	4.17E-03	0.00E+00	3.13E-02	7.67E-11	3.13E-02	3.54E-02	4.17E-03	0.00E+00	0.00E+00	0.00E+00	2.46E-04
NB116A	1.36E-05	6.15E-03	1.16E-03	4.99E-03	0.00E+00	0.00E+00	7.19E-02	6.83E-08	6.62E-06	4.11E-05	0.00E+00	1.22E-04	5.50E-10	1.61E-11	7.42E-04	1.33E-05	4.10E-04	0.00E+00	8.65E-06	2.04E-03	4.73E-02	0.00E+00	6.39E-11	8.28E-11	9.61E-06	2.45E-07	6.31E-03	0.00E+00	4.73E-02	1.16E-10	4.73E-02	5.36E-02	6.31E-03	0.00E+00	0.00E+00	0.00E+00	3.72E-04
NB120A	2.30E-05	1.02E-02	1.92E-03	8.26E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.09E-05	6.81E-05	0.00E+00	2.01E-04	9.10E-10	2.66E-11	1.23E-03	2.20E-05	6.79E-04	0.00E+00	1.43E-05	3.38E-03	7.83E-02	0.00E+00	1.06E-10	1.37E-10	1.59E-05	4.06E-07	1.04E-02	0.00E+00	7.83E-02	1.92E-10	7.83E-02	8.87E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.15E-04
NB125A	3.25E-07	4.22E-04	8.03E-05	3.41E-04	0.00E+00	0.00E+00	4.98E-03	4.71E-09	4.58E-07	2.84E-06	0.00E+00	8.42E-06	3.82E-11	1.11E-12	5.07E-05	9.23E-07	2.72E-05	0.00E+00	5.91E-07	1.39E-04	3.26E-03	0.00E+00	4.42E-12	5.71E-12	6.65E-07	1.68E-08	4.35E-04	0.00E+00	3.26E-03	7.98E-12	3.26E-03	3.70E-03	4.35E-04	0.00E+00	0.00E+00	0.00E+00	2.54E-05
NB132A	2.55E-05	1.12E-02	2.11E-03	9.10E-03	0.00E+00	0.00E+00	1.31E-01	1.25E-07	1.21E-05	7.49E-05	0.00E+00	2.21E-04	1.00E-09	2.93E-11	1.35E-03	2.42E-05	7.48E-04	0.00E+00	1.58E-05	3.73E-03	8.62E-02	0.00E+00	1.16E-10	1.51E-10	1.75E-05	4.47E-07	1.15E-02	0.00E+00	8.62E-02	2.11E-10	8.62E-02	9.77E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.78E-04
NB140A	1.42E-05	6.33E-03	1.19E-03	5.14E-03	0.00E+00	0.00E+00	7.41E-02	7.04E-08	6.82E-06	4.24E-05	0.00E+00	1.25E-04	5.67E-10	1.66E-11	7.65E-04	1.37E-05	4.22E-04	0.00E+00	8.92E-06	2.11E-03	4.87E-02	0.00E+00	6.59E-11	8.53E-11	9.90E-06	2.53E-07	6.50E-03	0.00E+00	4.87E-02	1.20E-10	4.87E-02	5.52E-02	6.50E-03	0.00E+00	0.00E+00	0.00E+00	3.83E-04
NB150A	5.03E-05	2.18E-02	4.11E-03	1.77E-02	0.00E+00	0.00E+00	2.55E-01	2.43E-07	2.35E-05	1.46E-04	0.00E+00	4.32E-04	1.95E-09	5.71E-11	2.64E-03	4.72E-05	1.46E-03	0.00E+00	3.08E-05	7.26E-03	1.68E-01	0.00E+00	2.27E-10	2.94E-10	3.41E-05	8.71E-07	2.24E-02	0.00E+00	1.68E-01	4.12E-10	1.68E-01	1.90E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
NB163A	4.72E-05	2.05E-02	3.87E-03	1.67E-02	0.00E+00	0.00E+00	2.40E-01	2.28E-07	2.21E-05	1.37E-04	0.00E+00	4.06E-04	1.84E-09	5.37E-11	2.48E-03	4.44E-05	1.37E-03	0.00E+00	2.89E-05	6.83E-03	1.58E-01	0.00E+00	2.14E-10	2.77E-10	3.21E-05	8.19E-07	2.11E-02	0.00E+00	1.58E-01	3.88E-10	1.58E-01	1.79E-01	2.11E-02	0.00E+00	0.00E+00	0.00E+00	1.24E-03
NB206A	1.68E-05	7.73E-03	1.46E-03	6.27E-03	0.00E+00	0.00E+00	9.04E-02	8.59E-08	8.32E-06	5.17E-05	0.00E+00	1.53E-04	6.92E-10	2.02E-11	9.33E-04	1.67E-05	5.14E-04	0.00E+00	1.09E-05	2.57E-03	5.95E-02	0.00E+00	8.04E-11	1.04E-10	1.21E-05	3.08E-07	7.93E-03	0.00E+00	5.95E-02	1.46E-10	5.95E-02	6.74E-02	7.93E-03	0.00E+00	0.00E+00	0.00E+00	4.67E-04
NB210A	1.90E-05	8.69E-03	1.64E-03	7.05E-03	0.00E+00	0.00E+00	1.02E-01	9.66E-08	9.35E-06	5.81E-05	0.00E+00	1.72E-04	7.77E-10	2.27E-11	1.05E-03	1.88E-05	5.78E-04	0.00E+00	1.22E-05	2.89E-03	6.68E-02	0.00E+00	9.04E-11	1.17E-10	1.36E-05	3.46E-07	8.92E-03	0.00E+00	6.68E-02	1.64E-10	6.68E-02	7.58E-02	8.92E-03	0.00E+00	0.00E+00	0.00E+00	5.25E-04
NB213A	1.93E-05	8.77E-03	1.65E-03	7.12E-03	0.00E+00	0.00E+00	1.03E-01	9.76E-08	9.45E-06	5.87E-05	0.00E+00	1.74E-04	7.85E-10	2.29E-11	1.06E-03	1.90E-05	5.84E-04	0.00E+00	1.24E-05	2.92E-03	6.75E-02	0.00E+00	9.13E-11	1.18E-10	1.37E-05	3.50E-07	9.01E-03	0.00E+00	6.75E-02	1.66E-10	6.75E-02	7.65E-02	9.01E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
NB216A	1.79E-05	8.20E-03	1.54E-03	6.65E-03	0.00E+00	0.00E+00	9.59E-02	9.12E-08	8.83E-06	5.49E-05	0.00E+00	1.62E-04	7.34E-10	2.14E-11	9.90E-04	1.77E-05	5.46E-04	0.00E+00	1.15E-05	2.72E-03	6.31E-02	0.00E+00	8.53E-11	1.10E-10	1.28E-05	3.27E-07	8.42E-03	0.00E+00	6.31E-02	1.55E-10	6.31E-02	7.15E-02	8.42E-03	0.00E+00	0.00E+00	0.00E+00	4.96E-04
NB220A	1.93E-05	8.78E-03	1.65E-03	7.12E-03	0.00E+00	0.00E+00	1.03E-01	9.76E-08	9.45E-06	5.87E-05	0.00E+00	1.74E-04	7.86E-10	2.30E-11	1.06E-03	1.90E-05	5.84E-04	0.00E+00	1.24E-05	2.92E-03	6.76E-02	0.00E+00	9.13E-11	1.18E-10	1.37E-05	3.50E-07	9.01E-03	0.00E+00	6.76E-02	1.66E-10	6.76E-02	7.66E-02	9.01E-03	0.00E+00	0.00E+00	0.00E+00	5.31E-04
NB225A	1.79E-05	8.20E-03	1.54E-03	6.65E-03	0.00E+00	0.00E+00	9.59E-02	9.12E-08	8.83E-06	5.49E-05	0.00E+00	1.62E-04	7.34E-10	2.14E-11	9.90E-04	1.77E-05	5.46E-04	0.00E+00	1.15E-05	2.73E-03	6.31E-02	0.00E+00	8.53E-11	1.10E-10	1.28E-05	3.27E-07	8.42E-03	0.00E+00	6.31E-02	1.55E-10	6.31E-02	7.15E-02	8.42E-03	0.00E+00	0.00E+00	0.00E+00	4.96E-04
NB240A	1.65E-05	7.51E-03	1.41E-03	6.09E-03	0.00E+00	0.00E+00	8.78E-02	8.35E-08	8.08E-06	5.02E-05	0.00E+00	1.49E-04	6.72E-10	1.96E-11	9.06E-04	1.63E-05	5.00E-04	0.00E+00	1.06E-05	2.49E-03	5.78E-02	0.00E+00	7.81E-11	1.01E-10	1.17E-05	2.99E-07	7.71E-03	0.00E+00	5.78E-02	1.42E-10	5.78E-02	6.55E-02	7.71E-03	0.00E+00	0.00E+00	0.00E+00	4.54E-04

NB250A	1.64E-05	7.44E-03	1.40E-03	6.03E-03	0.00E+00	0.00E+00	8.70E-02	8.27E-08	8.01E-06	4.98E-05	0.00E+00	1.47E-04	6.66E-10	1.94E-11	8.98E-04	1.61E-05	4.95E-04	0.00E+00	1.05E-05	2.47E-03	5.72E-02	0.00E+00	7.74E-11	1.00E-10	1.16E-05	2.97E-07	7.63E-03	0.00E+00	5.72E-02	1.40E-10	5.72E-02	6.49E-02	7.63E-03	0.00E+00	0.00E+00	0.00E+00	4.49E-04
NB263A	1.64E-05	7.49E-03	1.41E-03	6.08E-03	0.00E+00	0.00E+00	8.76E-02	8.33E-08	8.06E-06	5.01E-05	0.00E+00	1.48E-04	6.70E-10	1.96E-11	9.04E-04	1.62E-05	4.98E-04	0.00E+00	1.05E-05	2.49E-03	5.76E-02	0.00E+00	7.79E-11	1.01E-10	1.17E-05	2.99E-07	7.69E-03	0.00E+00	5.76E-02	1.41E-10	5.76E-02	6.53E-02	7.69E-03	0.00E+00	0.00E+00	0.00E+00	4.53E-04
NB306A	8.12E-05	3.57E-02	6.71E-03	2.90E-02	0.00E+00	0.00E+00	4.17E-01	3.96E-07	3.84E-05	2.39E-04	0.00E+00	7.05E-04	3.19E-09	9.32E-11	4.31E-03	7.71E-05	2.38E-03	0.00E+00	5.02E-05	1.19E-02	2.74E-01	0.00E+00	3.71E-10	4.80E-10	5.58E-05	1.42E-06	3.66E-02	0.00E+00	2.74E-01	6.73E-10	2.74E-01	3.11E-01	3.66E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
NB310A	2.74E-05	1.25E-02	2.36E-03	1.02E-02	0.00E+00	0.00E+00	1.46E-01	1.39E-07	1.35E-05	8.37E-05	0.00E+00	2.48E-04	1.12E-09	3.27E-11	1.51E-03	2.71E-05	8.33E-04	0.00E+00	1.76E-05	4.16E-03	9.63E-02	0.00E+00	1.30E-10	1.69E-10	1.96E-05	4.99E-07	1.28E-02	0.00E+00	9.63E-02	2.36E-10	9.63E-02	1.09E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	7.56E-04
NB313A	3.00E-05	1.36E-02	2.56E-03	1.10E-02	0.00E+00	0.00E+00	1.59E-01	1.51E-07	1.46E-05	9.10E-05	0.00E+00	2.69E-04	1.22E-09	3.55E-11	1.64E-03	2.94E-05	9.05E-04	0.00E+00	1.91E-05	4.52E-03	1.05E-01	0.00E+00	1.41E-10	1.83E-10	2.13E-05	5.42E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.22E-04
NB316A	1.79E-05	8.43E-03	1.59E-03	6.84E-03	0.00E+00	0.00E+00	9.86E-02	9.37E-08	9.08E-06	5.64E-05	0.00E+00	1.67E-04	7.55E-10	2.20E-11	1.02E-03	1.83E-05	5.60E-04	0.00E+00	1.19E-05	2.80E-03	6.49E-02	0.00E+00	8.77E-11	1.14E-10	1.32E-05	3.36E-07	8.65E-03	0.00E+00	6.49E-02	1.59E-10	6.49E-02	7.35E-02	8.65E-03	0.00E+00	0.00E+00	0.00E+00	5.09E-04
NB325A	1.48E-05	7.10E-03	1.34E-03	5.76E-03	0.00E+00	0.00E+00	8.32E-02	7.90E-08	7.65E-06	4.76E-05	0.00E+00	1.41E-04	6.36E-10	1.86E-11	8.57E-04	1.54E-05	4.71E-04	0.00E+00	9.99E-06	2.36E-03	5.47E-02	0.00E+00	7.39E-11	9.57E-11	1.11E-05	2.83E-07	7.29E-03	0.00E+00	5.47E-02	1.34E-10	5.47E-02	6.20E-02	7.29E-03	0.00E+00	0.00E+00	0.00E+00	4.29E-04
NB332A	3.60E-06	2.23E-03	4.23E-04	1.81E-03	0.00E+00	0.00E+00	2.62E-02	2.49E-08	2.41E-06	1.50E-05	0.00E+00	4.44E-05	2.01E-10	5.86E-12	2.69E-04	4.86E-06	1.46E-04	0.00E+00	3.13E-06	7.39E-04	1.72E-02	0.00E+00	2.33E-11	3.01E-11	3.50E-06	8.90E-08	2.30E-03	0.00E+00	1.72E-02	4.22E-11	1.72E-02	1.95E-02	2.30E-03	0.00E+00	0.00E+00	0.00E+00	1.34E-04
NB340A	3.12E-05	1.41E-02	2.66E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.57E-07	1.52E-05	9.45E-05	0.00E+00	2.79E-04	1.26E-09	3.69E-11	1.71E-03	3.06E-05	9.41E-04	0.00E+00	1.99E-05	4.70E-03	1.09E-01	0.00E+00	1.47E-10	1.90E-10	2.21E-05	5.63E-07	1.45E-02	0.00E+00	1.09E-01	2.67E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.54E-04
NB350A	3.13E-05	1.41E-02	2.66E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.57E-07	1.52E-05	9.45E-05	0.00E+00	2.79E-04	1.26E-09	3.69E-11	1.71E-03	3.06E-05	9.41E-04	0.00E+00	1.99E-05	4.70E-03	1.09E-01	0.00E+00	1.47E-10	1.90E-10	2.21E-05	5.64E-07	1.45E-02	0.00E+00	1.09E-01	2.67E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.54E-04
NB363A	3.00E-05	1.36E-02	2.56E-03	1.10E-02	0.00E+00	0.00E+00	1.59E-01	1.51E-07	1.46E-05	9.09E-05	0.00E+00	2.69E-04	1.22E-09	3.55E-11	1.64E-03	2.94E-05	9.05E-04	0.00E+00	1.91E-05	4.52E-03	1.05E-01	0.00E+00	1.41E-10	1.83E-10	2.13E-05	5.42E-07	1.39E-02	0.00E+00	1.05E-01	2.56E-10	1.05E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.21E-04
NB413A	3.69E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.31E-04	1.50E-09	4.38E-11	2.02E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.57E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.68E-07	1.72E-02	0.00E+00	1.29E-01	3.16E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
NBN020	4.06E-05	1.77E-02	3.34E-03	1.44E-02	0.00E+00	0.00E+00	2.07E-01	1.97E-07	1.91E-05	1.19E-04	0.00E+00	3.51E-04	1.59E-09	4.64E-11	2.14E-03	3.84E-05	1.18E-03	0.00E+00	2.50E-05	5.90E-03	1.37E-01	0.00E+00	1.84E-10	2.39E-10	2.77E-05	7.08E-07	1.82E-02	0.00E+00	1.37E-01	3.35E-10	1.37E-01	1.55E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
NBN106	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN106A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN106N	9.30E-06	5.03E-03	9.50E-04	4.08E-03	0.00E+00	0.00E+00	5.90E-02	5.60E-08	5.43E-06	3.37E-05	0.00E+00	9.98E-05	4.51E-10	1.32E-11	6.07E-04	1.09E-05	3.32E-04	0.00E+00	7.07E-06	1.67E-03	3.88E-02	0.00E+00	5.24E-11	6.78E-11	7.88E-06	2.01E-07	5.17E-03	0.00E+00	3.88E-02	9.50E-11	3.88E-02	4.39E-02	5.17E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
NBN110	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN110A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN110N	9.72E-06	5.04E-03	9.53E-04	4.09E-03	0.00E+00	0.00E+00	5.92E-02	5.62E-08	5.44E-06	3.38E-05	0.00E+00	1.00E-04	4.53E-10	1.32E-11	6.08E-04	1.09E-05	3.33E-04	0.00E+00	7.09E-06	1.67E-03	3.89E-02	0.00E+00	5.26E-11	6.80E-11	7.91E-06	2.01E-07	5.19E-03	0.00E+00	3.89E-02	9.53E-11	3.89E-02	4.41E-02	5.19E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NBN116A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN116N	9.70E-06	5.04E-03	9.53E-04	4.09E-03	0.00E+00	0.00E+00	5.92E-02	5.62E-08	5.44E-06	3.38E-05	0.00E+00	1.00E-04	4.53E-10	1.32E-11	6.09E-04	1.09E-05	3.33E-04	0.00E+00	7.09E-06	1.67E-03	3.89E-02	0.00E+00	5.26E-11	6.80E-11	7.91E-06	2.01E-07	5.19E-03	0.00E+00	3.89E-02	9.53E-11	3.89E-02	4.41E-02	5.19E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NBN120A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN120N	9.40E-06	5.09E-03	9.61E-04	4.13E-03	0.00E+00	0.00E+00	5.97E-02	5.67E-08	5.49E-06	3.41E-05	0.00E+00	1.01E-04	4.57E-10	1.33E-11	6.14E-04	1.10E-05	3.36E-04	0.00E+00	7.16E-06	1.69E-03	3.92E-02	0.00E+00	5.30E-11	6.86E-11	7.97E-06	2.03E-07	5.23E-03	0.00E+00	3.92E-02	9.61E-11	3.92E-02	4.45E-02	5.23E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-04
NBN125N	9.63E-06	5.10E-03	9.64E-04	4.14E-03	0.00E+00	0.00E+00	5.98E-02	5.68E-08	5.51E-06	3.42E-05	0.00E+00	1.01E-04	4.58E-10	1.34E-11	6.15E-04	1.11E-05	3.37E-04	0.00E+00	7.17E-06	1.69E-03	3.93E-02	0.00E+00	5.32E-11	6.88E-11	8.00E-06	2.04E-07	5.24E-03	0.00E+00	3.93E-02	9.64E-11	3.93E-02	4.46E-02	5.24E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
NBN132A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NBN132N	7.62E-05	3.36E-02	6.32E-03	2.72E-02	0.00E+00	0.00E+00	3.92E-01	3.73E-07	3.61E-05	2.24E-04	0.00E+00	6.63E-04	3.00E-09	8.77E-11	4.05E-03	7.26E-05	2.24E-03	0.00E+00	4.73E-05	1.12E-02	2.58E-01	0.00E+00	3.49E-10	4.52E-10	5.25E-05	1.34E-06	3.44E-02	0.00E+00	2.58E-01	6.33E-10	2.58E-01	2.93E-01	3.44E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-03
NBN140	3.15E-05	1.39E-02	2.61E-03	1.12E-02	0.00E+00	0.00E+00	1.62E-01	1.54E-07	1.49E-05	9.26E-05	0.00E+00	2.74E-04	1.24E-09	3.62E-11	1.67E-03	3.00E-05	9.24E-04	0.00E+00	1.95E-05	4.61E-03	1.07E-01	0.00E+00	1.44E-10	1.86E-10	2.17E-05	5.52E-07	1.42E-02	0.00E+00	1.07E-01	2.61E-10	1.07E-01	1.21E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.37E-04
NBN140N	9.90E-06	5.05E-03	9.54E-04	4.09E-03	0.00E+00	0.00E+00	5.92E-02	5.62E-08	5.45E-06	3.38E-05	0.00E+00	1.00E-04	4.53E-10	1.32E-11	6.09E-04	1.10E-05	3.34E-04	0.00E+00	7.10E-06	1.68E-03	3.89E-02	0.00E+00	5.26E-11	6.81E-11	7.91E-06	2.01E-07	5.19E-03	0.00E+00	3.89E-02	9.53E-11	3.89E-02	4.41E-02	5.19E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NBN150	3.07E-05	1.35E-02	2.54E-03	1.10E-02	0.00E+00	0.00E+00	1.58E-01	1.50E-07	1.45E-05	9.04E-05	0.00E+00	2.67E-04	1.21E-09	3.53E-11	1.63E-03	2.92E-05	9.01E-04	0.00E+00	1.90E-05	4.49E-03	1.04E-01	0.00E+00	1.40E-10	1.82E-10	2.11E-05	5.39E-07	1.39E-02	0.00E+00	1.04E-01	2.55E-10	1.04E-01	1.18E-01	1.39E-02	0.00E+00	0.00E+00	0.00E+00	8.17E-04
NBN150A	3.02E-05	1.33E-02	2.50E-03	1.08E-02	0.00E+00	0.00E+00	1.55E-01	1.48E-07	1.43E-05	8.89E-05	0.00E+00	2.63E-04	1.19E-09	3.47E-11	1.61E-03	2.87E-05	8.87E-04	0.00E+00	1.87E-05	4.42E-03	1.02E-01	0.00E+00	1.38E-10	1.79E-10	2.08E-05	5.30E-07	1.36E-02	0.00E+00	1.02E-01	2.51E-10	1.02E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	8.04E-04
NBN150N	9.98E-06	5.05E-03	9.54E-04	4.10E-03	0.00E+00	0.00E+00	5.93E-02	5.62E-08	5.45E-06	3.39E-05	0.00E+00	1.00E-04	4.53E-10	1.32E-11	6.09E-04	1.10E-05	3.34E-04	0.00E+00	7.10E-06	1.68E-03	3.89E-02	0.00E+00	5.27E-11	6.81E-11	7.92E-06	2.02E-07	5.19E-03	0.00E+00	3.89E-02	9.54E-11	3.89E-02	4.41E-02	5.19E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NBN163	3.34E-05	1.47E-02	2.77E-03	1.19E-02	0.00E+00	0.00E+00	1.72E-01	1.64E-07	1.58E-05	9.84E-05	0.00E+00	2.91E-04	1.32E-09	3.85E-11	1.78E-03	3.18E-05	9.82E-04	0.00E+00	2.07E-05	4.89E-03	1.13E-01	0.00E+00	1.53E-10	1.98E-10	2.30E-05	5.87E-07	1.51E-02	0.00E+00	1.13E-01	2.78E-10	1.13E-01	1.28E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.90E-04
NBN163A	3.00E-05	1.33E-02	2.50E-03	1.08E-02	0.00E+00	0.00E+00	1.55E-01	1.47E-07	1.43E-05	8.87E-05	0.00E+00	2.62E-04	1.19E-09	3.46E-11	1.60E-03	2.87E-05	8.84E-04	0.00E+00	1.87E-05	4.41E-03	1.02E-01	0.00E+00	1.38E-10	1.78E-10	2.07E-05	5.29E-07	1.36E-02	0.00E+00	1.02E-01	2.50E-10	1.02E-01	1.16E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	8.01E-04
NBN163N	9.93E-06	5.05E-03	9.54E-04	4.10E-03	0.00E+00	0.00E+00	5.92E-02	5.62E-08	5.45E-06	3.39E-05	0.00E+00	1.00E-04	4.53E-10	1.32E-11	6.09E-04	1.10E-05	3.34E-04	0.00E+00	7.10E-06	1.68E-03	3.89E-02	0.00E+00	5.27E-11	6.81E-11	7.91E-06	2.02E-07	5.19E-03	0.00E+00	3.89E-02	9.54E-11	3.89E-02	4.41E-02	5.19E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NBN206N	1.88E-05	1.03E-02	1.94E-03	8.34E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.90E-05	0.00E+00	2.04E-04	9.23E-10	2.70E-11	1.24E-03	2.23E-05	6.79E-04	0.00E+00	1.45E-05	3.41E-03	7.93E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.10E-07	1.06E-02	0.00E+00	7.93E-02	1.94E-10	7.93E-02	8.99E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04
NBN210A	4.68E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NBN210N	1.92E-05	1.03E-02	1.95E-03	8.35E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.91E-05	0.00E+00	2.04E-04	9.24E-10	2.70E-11	1.24E-03	2.24E-05	6.80E-04	0.00E+00	1.45E-05	3.42E-03	7.94E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.11E-07	1.06E-02	0.00E+00	7.94E-02	1.95E-10	7.94E-02	9.00E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
NBN216A	5.91E-05	2.60E-02	4.89E-03	2.11E-02	0.00E+00	0.00E+00	3.04E-01	2.89E-07	2.80E-05	1.74E-04	0.00E+00	5.14E-04	2.32E-09	6.79E-11	3.14E-03	5.62E-05	1.73E-03	0.00E+00	3.66E-05	8.64E-03	2.00E-01	0.00E+00	2.70E-10	3.50E-10	4.06E-05	1.04E-06	2.67E-02	0.00E+00	2.00E-01	4.91E-10	2.00E-01	2.27E-01	2.67E-02	0.00E+00	0.00E+00	0.00E+00	1.57E-03
NBN220N	1.92E-05	1.04E-02	1.96E-03	8.39E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.12E-05	6.94E-05	0.00E+00	2.05E-04	9.29E-10	2.71E-11	1.25E-03	2.25E-05	6.83E-04	0.00E+00	1.46E-05	3.44E-03	7.98E-02	0.00E+00	1.08E-10	1.40E-10	1.62E-05	4.13E-07	1.06E-02	0.00E+00	7.98E-02	1.96E-10	7.98E-02	9.04E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.25E-04
NBN232A	6.81E-05	2.99E-02	5.62E-03	2.42E-02	0.00E+00	0.00E+00	3.49E-01	3.32E-07	3.21E-05	2.00E-04	0.00E+00	5.90E-04	2.67E-09	7.81E-11	3.61E-03	6.46E-05	1.99E-03	0.00E+00	4.21E-05	9.93E-03	2.30E-01	0.00E+00	3.11E-10	4.02E-10	4.67E-05	1.19E-06	3.07E-02	0.00E+00	2.30E-01	5.64E-10	2.30E-01	2.60E-01	3.07E-02	0.00E+00	0.00E+00	0.00E+00	1.81E-03
NBN240N	1.94E-05	1.03E-02	1.95E-03	8.35E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.91E-05	0.00E+00	2.04E-04	9.25E-10	2.70E-11	1.24E-03	2.24E-05	6.80E-04	0.00E+00	1.45E-05	3.42E-03	7.94E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.11E-07	1.06E-02	0.00E+00	7.94E-02	1.95E-10	7.94E-02	9.00E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
NBN250N	1.95E-05	1.03E-02	1.95E-03	8.36E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.91E-05	0.00E+00	2.04E-04	9.25E-10	2.70E-11	1.24E-03	2.24E-05	6.80E-04	0.00E+00	1.45E-05	3.42E-03	7.94E-02	0.00E+00	1.07E-10	1.39E-10	1.62E-05	4.11E-07	1.06E-02	0.00E+00	7.94E-02	1.95E-10	7.94E-02	9.00E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
NBN263N	1.94E-05	1.03E-02	1.95E-03	8.36E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.91E-05	0.00E+00	2.04E-04	9.25E-10	2.70E-11	1.24E-03	2.24E-05	6.80E-04	0.00E+00	1.45E-05	3.42E-03	7.94E-02	0.00E+00	1.07E-10	1.39E-10	1.62E-05	4.11E-07	1.06E-02	0.00E+00	7.94E-02	1.95E-10	7.94E-02	9.00E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
NBN306N	2.83E-05	1.52E-02	2.87E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.01E-04	1.36E-09	3.98E-11	1.83E-03	3.30E-05	1.00E-03	0.00E+00	2.14E-05	5.04E-03	1.17E-01	0.00E+00	1.58E-10	2.05E-10	2.38E-05	6.06E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.17E-04
NBN310N	2.87E-05	1.52E-02	2.87E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.02E-04	1.36E-09	3.99E-11	1.83E-03	3.30E-05	1.00E-03	0.00E+00	2.14E-05	5.05E-03	1.17E-01	0.00E+00	1.59E-10	2.05E-10	2.38E-05	6.07E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.18E-04
NBN316	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NBN316A	7.01E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NBN316N	2.86E-05	1.52E-02	2.87E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.02E-04	1.36E-09	3.99E-11	1.83E-03	3.30E-05	1.00E-03	0.00E+00	2.14E-05	5.05E-03	1.17E-01	0.00E+00	1.59E-10	2.05E-10	2.38E-05	6.07E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.18E-04
NBN320A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NBN320N	2.85E-05	1.53E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.79E-01	1.70E-07	1.65E-05	1.02E-04	0.00E+00	3.03E-04	1.37E-09	4.00E-11	1.84E-03	3.31E-05	1.01E-03	0.00E+00	2.15E-05	5.06E-03	1.18E-01	0.00E+00	1.59E-10	2.06E-10	2.39E-05	6.09E-07	1.57E-02	0.00E+00	1.18E-01	2.88E-10	1.18E-01	1.33E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.21E-04
NBN325N	2.85E-05	1.53E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.79E-01	1.70E-07	1.65E-05	1.02E-04	0.00E+00	3.03E-04	1.37E-09	4.00E-11	1.84E-03	3.31E-05	1.01E-03	0.00E+00	2.15E-05	5.07E-03	1.18E-01	0.00E+00	1.59E-10	2.06E-10	2.39E-05	6.09E-07	1.57E-02	0.00E+00	1.18E-01	2.88E-10	1.18E-01	1.33E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.21E-04
NBN332A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NBN332N	2.88E-05	1.52E-02	2.87E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.02E-04	1.36E-09	3.99E-11	1.83E-03	3.30E-05	1.00E-03	0.00E+00	2.14E-05	5.05E-03	1.17E-01	0.00E+00	1.59E-10	2.05E-10	2.38E-05	6.07E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.18E-04
NBN340N	2.97E-05	1.56E-02	2.65E-03	1.29E-02	0.00E+00	0.00E+00	1.91E-01	1.81E-07	1.74E-05	1.07E-04	0.00E+00	3.75E-04	1.46E-09	4.05E-11	1.96E-03	3.53E-05	1.07E-03	0.00E+00	2.01E-05	4.70E-03	1.25E-01	0.00E+00	1.68E-10	2.20E-10	2.51E-05	6.32E-07	1.68E-02	0.00E+00	1.25E-01	6.42E-09	1.25E-01	1.42E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	8.63E-04
NBN350N	2.99E-05	1.56E-02	2.65E-03	1.29E-02	0.00E+00	0.00E+00	1.91E-01	1.81E-07	1.74E-05	1.07E-04	0.00E+00	3.75E-04	1.46E-09	4.05E-11	1.96E-03	3.53E-05	1.07E-03	0.00E+00	2.01E-05	4.70E-03	1.25E-01	0.00E+00	1.68E-10	2.20E-10	2.51E-05	6.32E-07	1.68E-02	0.00E+00	1.25E-01	6.42E-09	1.25E-01	1.42E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	8.64E-04
NBN363A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NBN363N	2.98E-05	1.56E-02	2.65E-03	1.29E-02	0.00E+00	0.00E+00	1.91E-01	1.81E-07	1.74E-05	1.07E-04	0.00E+00	3.75E-04	1.46E-09	4.05E-11	1.96E-03	3.53E-05	1.07E-03	0.00E+00	2.01E-05	4.70E-03	1.25E-01	0.00E+00	1.68E-10	2.20E-10	2.51E-05	6.32E-07	1.68E-02	0.00E+00	1.25E-01	6.42E-09	1.25E-01	1.42E-01	1.68E-02	0.00E+00	0.00E+00	0.00E+00	8.64E-04
NBN410	1.24E-04	5.44E-02	1.02E-02	4.42E-02	0.00E+00	0.00E+00	6.36E-01	6.05E-07	5.85E-05	3.64E-04	0.00E+00	1.08E-03	4.87E-09	1.42E-10	6.57E-03	1.18E-04	3.63E-03	0.00E+00	7.66E-05	1.81E-02	4.19E-01	0.00E+00	5.66E-10	7.32E-10	8.51E-05	2.17E-06	5.58E-02	0.00E+00	4.19E-01	1.03E-09	4.19E-01	4.74E-01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-03
NBN416A	1.33E-04	5.85E-02	1.10E-02	4.75E-02	0.00E+00	0.00E+00	6.84E-01	6.50E-07	6.30E-05	3.91E-04	0.00E+00	1.16E-03	5.23E-09	1.53E-10	7.07E-03	1.27E-04	3.90E-03	0.00E+00	8.24E-05	1.95E-02	4.50E-01	0.00E+00	6.08E-10	7.88E-10	9.15E-05	2.33E-06	6.01E-02	0.00E+00	4.50E-01	1.10E-09	4.50E-01	5.10E-01	6.01E-02	0.00E+00	0.00E+00	0.00E+00	3.54E-03
NBN416N	3.80E-05	2.02E-02	3.82E-03	1.64E-02	0.00E+00	0.00E+00	2.37E-01	2.25E-07	2.18E-05	1.36E-04	0.00E+00	4.01E-04	1.81E-09	5.30E-11	2.44E-03	4.39E-05	1.34E-03	0.00E+00	2.84E-05	6.71E-03	1.56E-01	0.00E+00	2.11E-10	2.73E-10	3.17E-05	8.07E-07	2.08E-02	0.00E+00	1.56E-01	3.82E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NBN425N	3.79E-05	2.03E-02	3.83E-03	1.64E-02	0.00E+00	0.00E+00	2.38E-01	2.26E-07	2.19E-05	1.36E-04	0.00E+00	4.02E-04	1.82E-09	5.31E-11	2.45E-03	4.40E-05	1.34E-03	0.00E+00	2.85E-05	6.73E-03	1.56E-01	0.00E+00	2.11E-10	2.73E-10	3.18E-05	8.09E-07	2.08E-02	0.00E+00	1.56E-01	3.83E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NBN432N	3.83E-05	2.02E-02	3.82E-03	1.64E-02	0.00E+00	0.00E+00	2.37E-01	2.25E-07	2.18E-05	1.36E-04	0.00E+00	4.01E-04	1.81E-09	5.30E-11	2.44E-03	4.39E-05	1.34E-03	0.00E+00	2.84E-05	6.71E-03	1.56E-01	0.00E+00	2.11E-10	2.73E-10	3.17E-05	8.07E-07	2.08E-02	0.00E+00	1.56E-01	3.82E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NBN516	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NBN520	6.01E-05	2.64E-02	4.97E-03	2.14E-02	0.00E+00	0.00E+00	3.09E-01	2.94E-07	2.84E-05	1.77E-04	0.00E+00	5.22E-04	2.36E-09	6.90E-11	3.19E-03	5.71E-05	1.76E-03	0.00E+00	3.72E-05	8.78E-03	2.03E-01	0.00E+00	2.75E-10	3.56E-10	4.13E-05	1.05E-06	2.71E-02	0.00E+00	2.03E-01	4.98E-10	2.03E-01	2.30E-01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	1.60E-03
NBN606	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN610	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN616	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN620	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN625	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN632	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN640	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NBN650	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NC101E	2.16E-05	9.15E-03	1.72E-03	7.43E-03	0.00E+00	0.00E+00	1.07E-01	1.02E-07	9.85E-06	6.12E-05	0.00E+00	1.81E-04	8.19E-10	2.39E-11	1.11E-03	1.98E-05	6.11E-04	0.00E+00	1.29E-05	3.04E-03	7.04E-02	0.00E+00	9.52E-11	1.23E-10	1.43E-05	3.65E-07	9.39E-03	0.00E+00	7.04E-02	1.73E-10	7.04E-02	7.98E-02	9.39E-03	0.00E+00	0.00E+00	0.00E+00	5.53E-04
NC104E	1.90E-05	8.12E-03	1.53E-03	6.59E-03	0.00E+00	0.00E+00	9.49E-02	9.02E-08	8.73E-06	5.43E-05	0.00E+00	1.60E-04	7.26E-10	2.12E-11	9.80E-04	1.76E-05	5.41E-04	0.00E+00	1.14E-05	2.70E-03	6.24E-02	0.00E+00	8.44E-11	1.09E-10	1.27E-05	3.24E-07	8.33E-03	0.00E+00	6.24E-02	1.53E-10	6.24E-02	7.08E-02	8.33E-03	0.00E+00	0.00E+00	0.00E+00	4.91E-04
NC106A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
NC110A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
NC110E	9.10E-06	4.19E-03	7.89E-04	3.40E-03	0.00E+00	0.00E+00	4.90E-02	4.65E-08	4.51E-06	2.80E-05	0.00E+00	8.28E-05	3.75E-10	1.09E-11	5.05E-04	9.06E-06	2.79E-04	0.00E+00	5.89E-06	1.39E-03	3.22E-02	0.00E+00	4.36E-11	5.64E-11	6.55E-06	1.67E-07	4.30E-03	0.00E+00	3.22E-02	7.90E-11	3.22E-02	3.65E-02	4.30E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
NC113A	1.66E-05	7.42E-03	1.40E-03	6.02E-03	0.00E+00	0.00E+00	8.67E-02	8.24E-08	7.98E-06	4.96E-05	0.00E+00	1.47E-04	6.63E-10	1.94E-11	8.96E-04	1.60E-05	4.94E-04	0.00E+00	1.04E-05	2.47E-03	5.71E-02	0.00E+00	7.71E-11	9.98E-11	1.16E-05	2.96E-07	7.61E-03	0.00E+00	5.71E-02	1.40E-10	5.71E-02	6.47E-02	7.61E-03	0.00E+00	0.00E+00	0.00E+00	4.48E-04
NC116A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
NC120A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04
NC125A	1.85E-05	8.22E-03	1.55E-03	6.67E-03	0.00E+00	0.00E+00	9.61E-02	9.14E-08	8.85E-06	5.50E-05	0.00E+00	1.63E-04	7.35E-10	2.15E-11	9.93E-04	1.78E-05	5.48E-04	0.00E+00	1.16E-05	2.73E-03	6.32E-02	0.00E+00	8.55E-11	1.11E-10	1.29E-05	3.28E-07	8.44E-03	0.00E+00	6.32E-02	1.55E-10	6.32E-02	7.17E-02	8.44E-03	0.00E+00	0.00E+00	0.00E+00	4.97E-04

NC132A	9.60E-06	4.39E-03	8.27E-04	3.56E-03	0.00E+00	0.00E+00	5.13E-02	4.88E-08	4.72E-06	2.94E-05	0.00E+00	8.68E-05	3.93E-10	1.15E-11	5.30E-04	9.50E-06	2.92E-04	0.00E+00	6.18E-06	1.46E-03	3.38E-02	0.00E+00	4.56E-11	5.91E-11	6.86E-06	1.75E-07	4.50E-03	0.00E+00	3.38E-02	8.28E-11	3.38E-02	3.83E-02	4.50E-03	0.00E+00	0.00E+00	0.00E+00	2.65E-04
NC140A	3.23E-05	1.41E-02	2.66E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.57E-07	1.52E-05	9.45E-05	0.00E+00	2.79E-04	1.26E-09	3.69E-11	1.71E-03	3.05E-05	9.43E-04	0.00E+00	1.99E-05	4.70E-03	1.09E-01	0.00E+00	1.47E-10	1.90E-10	2.21E-05	5.63E-07	1.45E-02	0.00E+00	1.09E-01	2.66E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.54E-04
NC202E	2.63E-05	1.14E-02	2.14E-03	9.23E-03	0.00E+00	0.00E+00	1.33E-01	1.26E-07	1.22E-05	7.61E-05	0.00E+00	2.25E-04	1.02E-09	2.97E-11	1.37E-03	2.46E-05	7.58E-04	0.00E+00	1.60E-05	3.78E-03	8.75E-02	0.00E+00	1.18E-10	1.53E-10	1.78E-05	4.54E-07	1.17E-02	0.00E+00	8.75E-02	2.15E-10	8.75E-02	9.92E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.87E-04
NC204E	3.32E-05	1.44E-02	2.72E-03	1.17E-02	0.00E+00	0.00E+00	1.69E-01	1.60E-07	1.55E-05	9.66E-05	0.00E+00	2.85E-04	1.29E-09	3.77E-11	1.74E-03	3.12E-05	9.62E-04	0.00E+00	2.03E-05	4.80E-03	1.11E-01	0.00E+00	1.50E-10	1.94E-10	2.26E-05	5.76E-07	1.48E-02	0.00E+00	1.11E-01	2.72E-10	1.11E-01	1.26E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.73E-04
NC206A	1.93E-05	8.78E-03	1.65E-03	7.12E-03	0.00E+00	0.00E+00	1.03E-01	9.76E-08	9.45E-06	5.87E-05	0.00E+00	1.74E-04	7.85E-10	2.29E-11	1.06E-03	1.90E-05	5.84E-04	0.00E+00	1.24E-05	2.92E-03	6.75E-02	0.00E+00	9.13E-11	1.18E-10	1.37E-05	3.50E-07	9.01E-03	0.00E+00	6.75E-02	1.66E-10	6.75E-02	7.65E-02	9.01E-03	0.00E+00	0.00E+00	0.00E+00	5.30E-04
NC210A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
NC213A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
NC216A	3.72E-05	1.65E-02	3.11E-03	1.34E-02	0.00E+00	0.00E+00	1.93E-01	1.83E-07	1.78E-05	1.10E-04	0.00E+00	3.26E-04	1.48E-09	4.31E-11	1.99E-03	3.57E-05	1.10E-03	0.00E+00	2.32E-05	5.48E-03	1.27E-01	0.00E+00	1.72E-10	2.22E-10	2.58E-05	6.58E-07	1.69E-02	0.00E+00	1.27E-01	3.11E-10	1.27E-01	1.44E-01	1.69E-02	0.00E+00	0.00E+00	0.00E+00	9.97E-04
NC220A	4.36E-05	1.93E-02	3.63E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.14E-07	2.07E-05	1.29E-04	0.00E+00	3.81E-04	1.72E-09	5.04E-11	2.33E-03	4.17E-05	1.29E-03	0.00E+00	2.71E-05	6.41E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.01E-05	7.69E-07	1.98E-02	0.00E+00	1.48E-01	3.64E-10	1.48E-01	1.68E-01	1.98E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
NC306A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC310A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC313A	3.12E-05	1.41E-02	2.66E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.57E-07	1.52E-05	9.46E-05	0.00E+00	2.80E-04	1.26E-09	3.70E-11	1.71E-03	3.06E-05	9.41E-04	0.00E+00	1.99E-05	4.70E-03	1.09E-01	0.00E+00	1.47E-10	1.90E-10	2.21E-05	5.64E-07	1.45E-02	0.00E+00	1.09E-01	2.67E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.54E-04
NC316A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC320A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC325A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC332A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC340A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC350A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC363A	5.57E-05	2.47E-02	4.65E-03	2.01E-02	0.00E+00	0.00E+00	2.89E-01	2.75E-07	2.66E-05	1.65E-04	0.00E+00	4.89E-04	2.21E-09	6.46E-11	2.98E-03	5.35E-05	1.65E-03	0.00E+00	3.48E-05	8.22E-03	1.90E-01	0.00E+00	2.57E-10	3.33E-10	3.86E-05	9.86E-07	2.54E-02	0.00E+00	1.90E-01	4.66E-10	1.90E-01	2.16E-01	2.54E-02	0.00E+00	0.00E+00	0.00E+00	1.49E-03
NC406A	3.82E-06	2.55E-03	4.83E-04	2.06E-03	0.00E+00	0.00E+00	3.00E-02	2.84E-08	2.76E-06	1.71E-05	0.00E+00	5.07E-05	2.29E-10	6.70E-12	3.07E-04	5.55E-06	1.66E-04	0.00E+00	3.57E-06	8.43E-04	1.97E-02	0.00E+00	2.66E-11	3.44E-11	4.00E-06	1.02E-07	2.62E-03	0.00E+00	1.97E-02	4.81E-11	1.97E-02	2.23E-02	2.62E-03	0.00E+00	0.00E+00	0.00E+00	1.53E-04
NC410A	4.37E-05	1.97E-02	3.72E-03	1.60E-02	0.00E+00	0.00E+00	2.31E-01	2.20E-07	2.13E-05	1.32E-04	0.00E+00	3.91E-04	1.77E-09	5.16E-11	2.38E-03	4.27E-05	1.32E-03	0.00E+00	2.78E-05	6.56E-03	1.52E-01	0.00E+00	2.05E-10	2.66E-10	3.09E-05	7.88E-07	2.03E-02	0.00E+00	1.52E-01	3.73E-10	1.52E-01	1.72E-01	2.03E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
NC416A	3.55E-05	1.62E-02	3.06E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.81E-07	1.75E-05	1.09E-04	0.00E+00	3.21E-04	1.45E-09	4.25E-11	1.96E-03	3.52E-05	1.08E-03	0.00E+00	2.29E-05	5.40E-03	1.25E-01	0.00E+00	1.69E-10	2.19E-10	2.54E-05	6.48E-07	1.67E-02	0.00E+00	1.25E-01	3.07E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.82E-04
NC420A	9.69E-05	4.27E-02	8.03E-03	3.46E-02	0.00E+00	0.00E+00	4.99E-01	4.74E-07	4.59E-05	2.85E-04	0.00E+00	8.43E-04	3.81E-09	1.11E-10	5.15E-03	9.22E-05	2.85E-03	0.00E+00	6.01E-05	1.42E-02	3.28E-01	0.00E+00	4.43E-10	5.74E-10	6.67E-05	1.70E-06	4.38E-02	0.00E+00	3.28E-01	8.05E-10	3.28E-01	3.72E-01	4.38E-02	0.00E+00	0.00E+00	0.00E+00	2.58E-03
NC425A	4.06E-05	1.84E-02	3.47E-03	1.49E-02	0.00E+00	0.00E+00	2.15E-01	2.05E-07	1.98E-05	1.23E-04	0.00E+00	3.64E-04	1.65E-09	4.81E-11	2.22E-03	3.98E-05	1.23E-03	0.00E+00	2.59E-05	6.12E-03	1.42E-01	0.00E+00	1.92E-10	2.48E-10	2.88E-05	7.34E-07	1.89E-02	0.00E+00	1.42E-01	3.47E-10	1.42E-01	1.61E-01	1.89E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
NC432A	7.84E-05	3.46E-02	6.52E-03	2.81E-02	0.00E+00	0.00E+00	4.05E-01	3.85E-07	3.73E-05	2.32E-04	0.00E+00	6.85E-04	3.10E-09	9.05E-11	4.18E-03	7.49E-05	2.31E-03	0.00E+00	4.88E-05	1.15E-02	2.66E-01	0.00E+00	3.60E-10	4.66E-10	5.42E-05	1.38E-06	3.56E-02	0.00E+00	2.66E-01	6.54E-10	2.66E-01	3.02E-01	3.56E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
NC450A	3.56E-05	1.62E-02	3.06E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.81E-07	1.75E-05	1.09E-04	0.00E+00	3.21E-04	1.45E-09	4.25E-11	1.96E-03	3.52E-05	1.08E-03	0.00E+00	2.29E-05	5.40E-03	1.25E-01	0.00E+00	1.69E-10	2.19E-10	2.54E-05	6.48E-07	1.67E-02	0.00E+00	1.25E-01	3.07E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.82E-04
NCN025	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN040	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN100A	3.71E-05	1.62E-02	3.06E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.80E-07	1.75E-05	1.09E-04	0.00E+00	3.21E-04	1.45E-09	4.24E-11	1.96E-03	3.51E-05	1.08E-03	0.00E+00	2.29E-05	5.40E-03	1.25E-01	0.00E+00	1.69E-10	2.19E-10	2.54E-05	6.47E-07	1.67E-02	0.00E+00	1.25E-01	3.06E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.82E-04
NCN100N	1.01E-05	5.03E-03	9.51E-04	4.08E-03	0.00E+00	0.00E+00	5.90E-02	5.60E-08	5.43E-06	3.37E-05	0.00E+00	9.98E-05	4.52E-10	1.32E-11	6.07E-04	1.09E-05	3.32E-04	0.00E+00	7.08E-06	1.67E-03	3.88E-02	0.00E+00	5.25E-11	6.79E-11	7.89E-06	2.01E-07	5.17E-03	0.00E+00	3.88E-02	9.50E-11	3.88E-02	4.40E-02	5.17E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
NCN101N	1.01E-05	5.03E-03	9.51E-04	4.08E-03	0.00E+00	0.00E+00	5.90E-02	5.60E-08	5.43E-06	3.37E-05	0.00E+00	9.98E-05	4.52E-10	1.32E-11	6.07E-04	1.09E-05	3.32E-04	0.00E+00	7.08E-06	1.67E-03	3.88E-02	0.00E+00	5.25E-11	6.79E-11	7.89E-06	2.01E-07	5.17E-03	0.00E+00	3.88E-02	9.50E-11	3.88E-02	4.40E-02	5.17E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
NCN102A	4.31E-05	1.88E-02	3.54E-03	1.53E-02	0.00E+00	0.00E+00	2.20E-01	2.09E-07	2.02E-05	1.26E-04	0.00E+00	3.72E-04	1.68E-09	4.92E-11	2.27E-03	4.07E-05	1.26E-03	0.00E+00	2.65E-05	6.26E-03	1.45E-01	0.00E+00	1.96E-10	2.53E-10	2.94E-05	7.51E-07	1.93E-02	0.00E+00	1.45E-01	3.55E-10	1.45E-01	1.64E-01	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-03
NCN102N	1.01E-05	5.03E-03	9.51E-04	4.08E-03	0.00E+00	0.00E+00	5.90E-02	5.60E-08	5.43E-06	3.37E-05	0.00E+00	9.98E-05	4.52E-10	1.32E-11	6.07E-04	1.09E-05	3.32E-04	0.00E+00	7.07E-06	1.67E-03	3.88E-02	0.00E+00	5.25E-11	6.79E-11	7.89E-06	2.01E-07	5.17E-03	0.00E+00	3.88E-02	9.50E-11	3.88E-02	4.40E-02	5.17E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
NCN103N	1.00E-05	5.03E-03	9.51E-04	4.08E-03	0.00E+00	0.00E+00	5.90E-02	5.60E-08	5.43E-06	3.37E-05	0.00E+00	9.98E-05	4.52E-10	1.32E-11	6.07E-04	1.09E-05	3.32E-04	0.00E+00	7.07E-06	1.67E-03	3.88E-02	0.00E+00	5.25E-11	6.79E-11	7.89E-06	2.01E-07	5.17E-03	0.00E+00	3.88E-02	9.50E-11	3.88E-02	4.40E-02	5.17E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
NCN104N	1.00E-05	5.03E-03	9.51E-04	4.08E-03	0.00E+00	0.00E+00	5.90E-02	5.60E-08	5.43E-06	3.37E-05	0.00E+00	9.98E-05	4.52E-10	1.32E-11	6.07E-04	1.09E-05	3.32E-04	0.00E+00	7.07E-06	1.67E-03	3.88E-02	0.00E+00	5.25E-11	6.79E-11	7.89E-06	2.01E-07	5.17E-03	0.00E+00	3.88E-02	9.50E-11	3.88E-02	4.40E-02	5.17E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
NCN106A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN106N	9.30E-06	5.03E-03	9.50E-04	4.08E-03	0.00E+00	0.00E+00	5.90E-02	5.60E-08	5.43E-06	3.37E-05	0.00E+00	9.97E-05	4.51E-10	1.32E-11	6.07E-04	1.09E-05	3.32E-04	0.00E+00	7.07E-06	1.67E-03	3.88E-02	0.00E+00	5.24E-11	6.78E-11	7.88E-06	2.01E-07	5.17E-03	0.00E+00	3.88E-02	9.50E-11	3.88E-02	4.39E-02	5.17E-03	0.00E+00	0.00E+00	0.00E+00	3.04E-04
NCN110	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN110A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN116A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN116N	6.94E-05	3.08E-02	5.79E-03	2.50E-02	0.00E+00	0.00E+00	3.60E-01	3.42E-07	3.31E-05	2.06E-04	0.00E+00	6.08E-04	2.75E-09	8.04E-11	3.72E-03	6.66E-05	2.05E-03	0.00E+00	4.33E-05	1.02E-02	2.37E-01	0.00E+00	3.20E-10	4.14E-10	4.81E-05	1.23E-06	3.16E-02	0.00E+00	2.37E-01	5.81E-10	2.37E-01	2.68E-01	3.16E-02	0.00E+00	0.00E+00	0.00E+00	1.86E-03
NCN120A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN125N	9.62E-06	5.10E-03	9.64E-04	4.14E-03	0.00E+00	0.00E+00	5.98E-02	5.68E-08	5.51E-06	3.42E-05	0.00E+00	1.01E-04	4.58E-10	1.34E-11	6.15E-04	1.11E-05	3.37E-04	0.00E+00	7.17E-06	1.69E-03	3.93E-02	0.00E+00	5.32E-11	6.88E-11	8.00E-06	2.04E-07	5.24E-03	0.00E+00	3.93E-02	9.64E-11	3.93E-02	4.46E-02	5.24E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-04
NCN132A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN140A	3.32E-05	1.46E-02	2.75E-03	1.18E-02	0.00E+00	0.00E+00	1.71E-01	1.62E-07	1.57E-05	9.76E-05	0.00E+00	2.88E-04	1.30E-09	3.81E-11	1.76E-03	3.16E-05	9.74E-04	0.00E+00	2.05E-05	4.85E-03	1.12E-01	0.00E+00	1.52E-10	1.96E-10	2.28E-05	5.82E-07	1.50E-02	0.00E+00	1.12E-01	2.75E-10	1.12E-01	1.27E-01	1.50E-02	0.00E+00	0.00E+00	0.00E+00	8.82E-04
NCN140N	9.90E-06	5.05E-03	9.54E-04	4.09E-03	0.00E+00	0.00E+00	5.92E-02	5.62E-08	5.45E-06	3.38E-05	0.00E+00	1.00E-04	4.53E-10	1.32E-11	6.09E-04	1.10E-05	3.34E-04	0.00E+00	7.10E-06	1.68E-03	3.89E-02	0.00E+00	5.26E-11	6.81E-11	7.91E-06	2.01E-07	5.19E-03	0.00E+00	3.89E-02	9.53E-11	3.89E-02	4.41E-02	5.19E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NCN150	2.94E-05	1.30E-02	2.44E-03	1.05E-02	0.00E+00	0.00E+00	1.52E-01	1.44E-07	1.40E-05	8.68E-05	0.00E+00	2.57E-04	1.16E-09	3.39E-11	1.57E-03	2.81E-05	8.66E-04	0.00E+00	1.83E-05	4.32E-03	9.98E-02	0.00E+00	1.35E-10	1.75E-10	2.03E-05	5.18E-07	1.33E-02	0.00E+00	9.98E-02	2.45E-10	9.98E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.85E-04
NCN150A	2.93E-05	1.29E-02	2.43E-03	1.05E-02	0.00E+00	0.00E+00	1.51E-01	1.44E-07	1.39E-05	8.64E-05	0.00E+00	2.55E-04	1.16E-09	3.38E-11	1.56E-03	2.79E-05	8.62E-04	0.00E+00	1.82E-05	4.30E-03	9.94E-02	0.00E+00	1.34E-10	1.74E-10	2.02E-05	5.15E-07	1.33E-02	0.00E+00	9.94E-02	2.44E-10	9.94E-02	1.13E-01	1.33E-02	0.00E+00	0.00E+00	0.00E+00	7.81E-04
NCN150N	9.98E-06	5.05E-03	9.54E-04	4.10E-03	0.00E+00	0.00E+00	5.93E-02	5.62E-08	5.45E-06	3.39E-05	0.00E+00	1.00E-04	4.53E-10	1.32E-11	6.09E-04	1.10E-05	3.34E-04	0.00E+00	7.10E-06	1.68E-03	3.89E-02	0.00E+00	5.27E-11	6.81E-11	7.92E-06	2.02E-07	5.19E-03	0.00E+00	3.89E-02	9.54E-11	3.89E-02	4.41E-02	5.19E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NCN163	3.14E-05	1.38E-02	2.61E-03	1.12E-02	0.00E+00	0.00E+00	1.62E-01	1.54E-07	1.49E-05	9.26E-05	0.00E+00	2.74E-04	1.24E-09	3.62E-11	1.67E-03	3.00E-05	9.24E-04	0.00E+00	1.95E-05	4.61E-03	1.07E-01	0.00E+00	1.44E-10	1.86E-10	2.17E-05	5.52E-07	1.42E-02	0.00E+00	1.07E-01	2.61E-10	1.07E-01	1.21E-01	1.42E-02	0.00E+00	0.00E+00	0.00E+00	8.37E-04
NCN163A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NCN163N	9.93E-06	5.05E-03	9.54E-04	4.10E-03	0.00E+00	0.00E+00	5.92E-02	5.62E-08	5.45E-06	3.39E-05	0.00E+00	1.00E-04	4.53E-10	1.32E-11	6.09E-04	1.10E-05	3.34E-04	0.00E+00	7.10E-06	1.68E-03	3.89E-02	0.00E+00	5.27E-11	6.81E-11	7.91E-06	2.02E-07	5.19E-03	0.00E+00	3.89E-02	9.54E-11	3.89E-02	4.41E-02	5.19E-03	0.00E+00	0.00E+00	0.00E+00	3.05E-04
NCN201N	1.95E-05	1.03E-02	1.94E-03	8.34E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.90E-05	0.00E+00	2.04E-04	9.23E-10	2.70E-11	1.24E-03	2.23E-05	6.79E-04	0.00E+00	1.45E-05	3.41E-03	7.93E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.11E-07	1.06E-02	0.00E+00	7.93E-02	1.94E-10	7.93E-02	8.99E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04
NCN202A	8.39E-05	3.64E-02	6.93E-03	2.95E-02	0.00E+00	0.00E+00	4.24E-01	4.03E-07	3.91E-05	2.43E-04	0.00E+00	7.04E-04	3.24E-09	9.53E-11	4.38E-03	7.84E-05	2.42E-03	0.00E+00	5.18E-05	1.22E-02	2.79E-01	0.00E+00	3.77E-10	4.88E-10	5.68E-05	1.45E-06	3.72E-02	0.00E+00	2.79E-01	8.45E-10	2.79E-01	3.16E-01	3.72E-02	0.00E+00	0.00E+00	0.00E+00	2.22E-03
NCN202N	1.95E-05	1.03E-02	1.94E-03	8.34E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.90E-05	0.00E+00	2.04E-04	9.23E-10	2.70E-11	1.24E-03	2.23E-05	6.79E-04	0.00E+00	1.45E-05	3.41E-03	7.93E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.11E-07	1.06E-02	0.00E+00	7.93E-02	1.94E-10	7.93E-02	8.99E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04
NCN203A	8.13E-05	3.53E-02	6.73E-03	2.86E-02	0.00E+00	0.00E+00	4.11E-01	3.91E-07	3.79E-05	2.36E-04	0.00E+00	6.82E-04	3.15E-09	9.25E-11	4.25E-03	7.61E-05	2.35E-03	0.00E+00	5.02E-05	1.19E-02	2.71E-01	0.00E+00	3.66E-10	4.74E-10	5.51E-05	1.41E-06	3.61E-02	0.00E+00	2.71E-01	8.65E-10	2.71E-01	3.07E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-03
NCN203N	1.94E-05	1.03E-02	1.94E-03	8.34E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.90E-05	0.00E+00	2.04E-04	9.23E-10	2.70E-11	1.24E-03	2.23E-05	6.79E-04	0.00E+00	1.45E-05	3.41E-03	7.93E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.10E-07	1.06E-02	0.00E+00	7.93E-02	1.94E-10	7.93E-02	8.99E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04
NCN204	7.95E-05	3.48E-02	6.54E-03	2.82E-02	0.00E+00	0.00E+00	4.06E-01	3.86E-07	3.74E-05	2.32E-04	0.00E+00	6.87E-04	3.11E-09	9.08E-11	4.20E-03	7.52E-05	2.32E-03	0.00E+00	4.90E-05	1.16E-02	2.67E-01	0.00E+00	3.61E-10	4.68E-10	5.43E-05	1.39E-06	3.57E-02	0.00E+00	2.67E-01	6.56E-10	2.67E-01	3.03E-01	3.57E-02	0.00E+00	0.00E+00	0.00E+00	2.10E-03
NCN204A	7.87E-05	3.43E-02	6.52E-03	2.77E-02	0.00E+00	0.00E+00	3.99E-01	3.79E-07	3.67E-05	2.28E-04	0.00E+00	6.61E-04	3.05E-09	8.96E-11	4.12E-03	7.37E-05	2.28E-03	0.00E+00	4.87E-05	1.15E-02	2.62E-01	0.00E+00	3.55E-10	4.59E-10	5.34E-05	1.36E-06	3.50E-02	0.00E+00	2.62E-01	8.86E-10	2.62E-01	2.97E-01	3.50E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
NCN204N	1.94E-05	1.03E-02	1.94E-03	8.34E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.90E-05	0.00E+00	2.04E-04	9.23E-10	2.70E-11	1.24E-03	2.23E-05	6.79E-04	0.00E+00	1.45E-05	3.41E-03	7.93E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.10E-07	1.06E-02	0.00E+00	7.93E-02	1.94E-10	7.93E-02	8.99E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04
NCN206N	1.87E-05	1.03E-02	1.94E-03	8.34E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.90E-05	0.00E+00	2.04E-04	9.23E-10	2.70E-11	1.24E-03	2.23E-05	6.79E-04	0.00E+00	1.45E-05	3.41E-03	7.93E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.10E-07	1.06E-02	0.00E+00	7.93E-02	1.94E-10	7.93E-02	8.99E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.21E-04
NCN210A	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NCN210N	1.92E-05	1.03E-02	1.95E-03	8.35E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.91E-05	0.00E+00	2.04E-04	9.24E-10	2.70E-11	1.24E-03	2.24E-05	6.80E-04	0.00E+00	1.45E-05	3.42E-03	7.94E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.11E-07	1.06E-02	0.00E+00	7.94E-02	1.95E-10	7.94E-02	9.00E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
NCN216A	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NCN216N	1.92E-05	1.03E-02	1.95E-03	8.35E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.91E-05	0.00E+00	2.04E-04	9.24E-10	2.70E-11	1.24E-03	2.24E-05	6.80E-04	0.00E+00	1.45E-05	3.42E-03	7.94E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.11E-07	1.06E-02	0.00E+00	7.94E-02	1.95E-10	7.94E-02	9.00E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
NCN220N	1.92E-05	1.04E-02	1.96E-03	8.39E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.12E-05	6.94E-05	0.00E+00	2.05E-04	9.29E-10	2.71E-11	1.25E-03	2.25E-05	6.83E-04	0.00E+00	1.46E-05	3.44E-03	7.98E-02	0.00E+00	1.08E-10	1.40E-10	1.62E-05	4.13E-07	1.06E-02	0.00E+00	7.98E-02	1.95E-10	7.98E-02	9.04E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.25E-04
NCN240A	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NCN240N	1.51E-04	6.71E-02	1.26E-02	5.45E-02	0.00E+00	0.00E+00	7.85E-01	7.46E-07	7.22E-05	4.49E-04	0.00E+00	1.33E-03	6.00E-09	1.75E-10	8.11E-03	1.45E-04	4.48E-03	0.00E+00	9.45E-05	2.23E-02	5.16E-01	0.00E+00	6.98E-10	9.04E-10	1.05E-04	2.68E-06	6.89E-02	0.00E+00	5.16E-01	1.27E-09	5.16E-01	5.85E-01	6.89E-02	0.00E+00	0.00E+00	0.00E+00	4.06E-03
NCN250N	1.95E-05	1.03E-02	1.95E-03	8.36E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.91E-05	0.00E+00	2.04E-04	9.25E-10	2.70E-11	1.24E-03	2.24E-05	6.80E-04	0.00E+00	1.45E-05	3.42E-03	7.94E-02	0.00E+00	1.07E-10	1.39E-10	1.62E-05	4.11E-07	1.06E-02	0.00E+00	7.94E-02	1.95E-10	7.94E-02	9.00E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
NCN263N	1.94E-05	1.03E-02	1.95E-03	8.36E-03	0.00E+00	0.00E+00	1.21E-01	1.15E-07	1.11E-05	6.91E-05	0.00E+00	2.04E-04	9.25E-10	2.70E-11	1.24E-03	2.24E-05	6.80E-04	0.00E+00	1.45E-05	3.42E-03	7.94E-02	0.00E+00	1.07E-10	1.39E-10	1.62E-05	4.11E-07	1.06E-02	0.00E+00	7.94E-02	1.95E-10	7.94E-02	9.00E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
NCN301N	2.91E-05	1.52E-02	2.87E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.01E-04	1.36E-09	3.98E-11	1.83E-03	3.30E-05	1.00E-03	0.00E+00	2.14E-05	5.04E-03	1.17E-01	0.00E+00	1.58E-10	2.05E-10	2.38E-05	6.06E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.17E-04
NCN302N	2.91E-05	1.52E-02	2.87E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.01E-04	1.36E-09	3.98E-11	1.83E-03	3.30E-05	1.00E-03	0.00E+00	2.14E-05	5.04E-03	1.17E-01	0.00E+00	1.58E-10	2.05E-10	2.38E-05	6.06E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.17E-04
NCN303A	1.22E-04	5.30E-02	1.01E-02	4.30E-02	0.00E+00	0.00E+00	6.18E-01	5.88E-07	5.69E-05	3.54E-04	0.00E+00	1.03E-03	4.73E-09	1.39E-10	6.39E-03	1.14E-04	3.53E-03	0.00E+00	7.51E-05	1.78E-02	4.07E-01	0.00E+00	5.50E-10	7.12E-10	8.27E-05	2.11E-06	5.42E-02	0.00E+00	4.07E-01	5.31E-10	4.07E-01	4.61E-01	5.42E-02	0.00E+00	0.00E+00	0.00E+00	3.23E-03
NCN303N	2.90E-05	1.52E-02	2.87E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.01E-04	1.36E-09	3.98E-11	1.83E-03	3.30E-05	1.00E-03	0.00E+00	2.14E-05	5.04E-03	1.17E-01	0.00E+00	1.58E-10	2.05E-10	2.38E-05	6.06E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.17E-04
NCN304N	2.90E-05	1.52E-02	2.87E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.01E-04	1.36E-09	3.98E-11	1.83E-03	3.30E-05	1.00E-03	0.00E+00	2.14E-05	5.04E-03	1.17E-01	0.00E+00	1.58E-10	2.05E-10	2.38E-05	6.06E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.17E-04
NCN306	1.17E-04	5.11E-02	9.61E-03	4.14E-02	0.00E+00	0.00E+00	5.97E-01	5.67E-07	5.49E-05	3.41E-04	0.00E+00	1.01E-03	4.57E-09	1.33E-10	6.17E-03	1.10E-04	3.41E-03	0.00E+00	7.19E-05	1.70E-02	3.93E-01	0.00E+00	5.31E-10	6.87E-10	7.98E-05	2.04E-06	5.24E-02	0.00E+00	3.93E-01	9.63E-10	3.93E-01	4.45E-01	5.24E-02	0.00E+00	0.00E+00	0.00E+00	3.09E-03
NCN306A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN306N	2.83E-05	1.52E-02	2.87E-03	1.23E-02	0.00E+00	0.00E+00	1.78E-01	1.69E-07	1.64E-05	1.02E-04	0.00E+00	3.01E-04	1.36E-09	3.98E-11	1.83E-03	3.30E-05	1.00E-03	0.00E+00	2.14E-05	5.04E-03	1.17E-01	0.00E+00	1.58E-10	2.05E-10	2.38E-05	6.06E-07	1.56E-02	0.00E+00	1.17E-01	2.87E-10	1.17E-01	1.33E-01	1.56E-02	0.00E+00	0.00E+00	0.00E+00	9.17E-04
NCN310A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN310N	1.13E-04	5.16E-02	9.71E-03	4.18E-02	0.00E+00	0.00E+00	6.03E-01	5.73E-07	5.55E-05	3.45E-04	0.00E+00	1.02E-03	4.61E-09	1.35E-10	6.23E-03	1.12E-04	3.43E-03	0.00E+00	7.26E-05	1.71E-02	3.97E-01	0.00E+00	5.36E-10	6.94E-10	8.07E-05	2.06E-06	5.29E-02	0.00E+00	3.97E-01	9.73E-10	3.97E-01	4.50E-01	5.29E-02	0.00E+00	0.00E+00	0.00E+00	3.12E-03
NCN316	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03

NCN316A	6.87E-05	3.05E-02	5.74E-03	2.47E-02	0.00E+00	0.00E+00	3.56E-01	3.39E-07	3.28E-05	2.04E-04	0.00E+00	6.03E-04	2.73E-09	7.97E-11	3.68E-03	6.59E-05	2.03E-03	0.00E+00	4.29E-05	1.01E-02	2.34E-01	0.00E+00	3.17E-10	4.10E-10	4.77E-05	1.22E-06	3.13E-02	0.00E+00	2.34E-01	5.75E-10	2.34E-01	2.66E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
NCN316N	2.13E-04	9.44E-02	1.78E-02	7.66E-02	0.00E+00	0.00E+00	1.10E+00	1.05E-06	1.02E-04	6.31E-04	0.00E+00	1.87E-03	8.44E-09	2.47E-10	1.14E-02	2.04E-04	6.29E-03	0.00E+00	1.33E-04	3.14E-02	7.26E-01	0.00E+00	9.81E-10	1.27E-09	1.48E-04	3.76E-06	9.69E-02	0.00E+00	7.26E-01	1.78E-09	7.26E-01	8.23E-01	9.69E-02	0.00E+00	0.00E+00	0.00E+00	5.71E-03
NCN320A	6.87E-05	3.05E-02	5.74E-03	2.47E-02	0.00E+00	0.00E+00	3.56E-01	3.39E-07	3.28E-05	2.04E-04	0.00E+00	6.03E-04	2.73E-09	7.97E-11	3.68E-03	6.59E-05	2.03E-03	0.00E+00	4.29E-05	1.01E-02	2.34E-01	0.00E+00	3.17E-10	4.10E-10	4.77E-05	1.22E-06	3.13E-02	0.00E+00	2.34E-01	5.75E-10	2.34E-01	2.66E-01	3.13E-02	0.00E+00	0.00E+00	0.00E+00	1.84E-03
NCN320N	6.50E-05	3.10E-02	5.84E-03	2.51E-02	0.00E+00	0.00E+00	3.63E-01	3.44E-07	3.34E-05	2.07E-04	0.00E+00	6.13E-04	2.77E-09	8.10E-11	3.74E-03	6.71E-05	2.06E-03	0.00E+00	4.36E-05	1.03E-02	2.38E-01	0.00E+00	3.22E-10	4.17E-10	4.85E-05	1.24E-06	3.18E-02	0.00E+00	2.38E-01	5.85E-10	2.38E-01	2.70E-01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03
NCN325A	7.01E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN325N	2.85E-05	1.53E-02	2.88E-03	1.24E-02	0.00E+00	0.00E+00	1.79E-01	1.70E-07	1.65E-05	1.02E-04	0.00E+00	3.03E-04	1.37E-09	4.00E-11	1.84E-03	3.31E-05	1.01E-03	0.00E+00	2.15E-05	5.07E-03	1.18E-01	0.00E+00	1.59E-10	2.06E-10	2.39E-05	6.09E-07	1.57E-02	0.00E+00	1.18E-01	2.88E-10	1.18E-01	1.33E-01	1.57E-02	0.00E+00	0.00E+00	0.00E+00	9.21E-04
NCN332	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN332A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN340A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN340N	2.13E-04	9.44E-02	1.78E-02	7.66E-02	0.00E+00	0.00E+00	1.10E+00	1.05E-06	1.02E-04	6.31E-04	0.00E+00	1.87E-03	8.44E-09	2.47E-10	1.14E-02	2.04E-04	6.29E-03	0.00E+00	1.33E-04	3.14E-02	7.26E-01	0.00E+00	9.81E-10	1.27E-09	1.48E-04	3.76E-06	9.69E-02	0.00E+00	7.26E-01	1.78E-09	7.26E-01	8.23E-01	9.69E-02	0.00E+00	0.00E+00	0.00E+00	5.71E-03
NCN350A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN350N	2.13E-04	9.44E-02	1.78E-02	7.66E-02	0.00E+00	0.00E+00	1.10E+00	1.05E-06	1.02E-04	6.31E-04	0.00E+00	1.87E-03	8.44E-09	2.47E-10	1.14E-02	2.04E-04	6.29E-03	0.00E+00	1.33E-04	3.14E-02	7.26E-01	0.00E+00	9.81E-10	1.27E-09	1.48E-04	3.76E-06	9.69E-02	0.00E+00	7.26E-01	1.78E-09	7.26E-01	8.23E-01	9.69E-02	0.00E+00	0.00E+00	0.00E+00	5.71E-03
NCN363	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NCN363A	1.12E-04	4.93E-02	9.28E-03	4.00E-02	0.00E+00	0.00E+00	5.77E-01	5.48E-07	5.31E-05	3.30E-04	0.00E+00	9.75E-04	4.41E-09	1.29E-10	5.96E-03	1.07E-04	3.29E-03	0.00E+00	6.95E-05	1.64E-02	3.79E-01	0.00E+00	5.13E-10	6.64E-10	7.71E-05	1.97E-06	5.06E-02	0.00E+00	3.79E-01	9.31E-10	3.79E-01	4.30E-01	5.06E-02	0.00E+00	0.00E+00	0.00E+00	2.98E-03
NCN363N	2.13E-04	9.44E-02	1.78E-02	7.66E-02	0.00E+00	0.00E+00	1.10E+00	1.05E-06	1.02E-04	6.31E-04	0.00E+00	1.87E-03	8.44E-09	2.47E-10	1.14E-02	2.04E-04	6.29E-03	0.00E+00	1.33E-04	3.14E-02	7.26E-01	0.00E+00	9.81E-10	1.27E-09	1.48E-04	3.76E-06	9.69E-02	0.00E+00	7.26E-01	1.78E-09	7.26E-01	8.23E-01	9.69E-02	0.00E+00	0.00E+00	0.00E+00	5.71E-03
NCN402A	1.78E-04	7.77E-02	1.47E-02	6.30E-02	0.00E+00	0.00E+00	9.06E-01	8.61E-07	8.34E-05	5.19E-04	0.00E+00	1.52E-03	6.93E-09	2.03E-10	9.36E-03	1.68E-04	5.17E-03	0.00E+00	1.10E-04	2.59E-02	5.96E-01	0.00E+00	8.06E-10	1.04E-09	1.21E-04	3.09E-06	7.95E-02	0.00E+00	5.96E-01	6.69E-11	5.96E-01	6.76E-01	7.95E-02	0.00E+00	0.00E+00	0.00E+00	4.72E-03
NCN402N	3.86E-05	2.02E-02	3.82E-03	1.64E-02	0.00E+00	0.00E+00	2.37E-01	2.25E-07	2.18E-05	1.35E-04	0.00E+00	4.01E-04	1.81E-09	5.30E-11	2.44E-03	4.39E-05	1.33E-03	0.00E+00	2.84E-05	6.71E-03	1.56E-01	0.00E+00	2.11E-10	2.72E-10	3.17E-05	8.06E-07	2.08E-02	0.00E+00	1.56E-01	3.82E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NCN404A	1.68E-04	7.33E-02	1.39E-02	5.94E-02	0.00E+00	0.00E+00	8.55E-01	8.13E-07	7.87E-05	4.90E-04	0.00E+00	1.43E-03	6.54E-09	1.92E-10	8.84E-03	1.58E-04	4.88E-03	0.00E+00	1.04E-04	2.45E-02	5.63E-01	0.00E+00	7.61E-10	9.85E-10	1.14E-04	2.92E-06	7.51E-02	0.00E+00	5.63E-01	1.49E-10	5.63E-01	6.38E-01	7.51E-02	0.00E+00	0.00E+00	0.00E+00	4.45E-03
NCN404N	3.84E-05	2.02E-02	3.82E-03	1.64E-02	0.00E+00	0.00E+00	2.37E-01	2.25E-07	2.18E-05	1.35E-04	0.00E+00	4.01E-04	1.81E-09	5.30E-11	2.44E-03	4.39E-05	1.33E-03	0.00E+00	2.84E-05	6.71E-03	1.56E-01	0.00E+00	2.11E-10	2.72E-10	3.17E-05	8.06E-07	2.08E-02	0.00E+00	1.56E-01	3.82E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NCN406A	1.47E-04	6.42E-02	1.21E-02	5.21E-02	0.00E+00	0.00E+00	7.50E-01	7.13E-07	6.91E-05	4.29E-04	0.00E+00	1.27E-03	5.74E-09	1.68E-10	7.75E-03	1.39E-04	4.28E-03	0.00E+00	9.04E-05	2.13E-02	4.94E-01	0.00E+00	6.67E-10	8.64E-10	1.00E-04	2.56E-06	6.59E-02	0.00E+00	4.94E-01	1.21E-09	4.94E-01	5.60E-01	6.59E-02	0.00E+00	0.00E+00	0.00E+00	3.88E-03
NCN410A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN416	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN416A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN420	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN420A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN425	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN425A	9.16E-05	4.06E-02	7.65E-03	3.30E-02	0.00E+00	0.00E+00	4.75E-01	4.51E-07	4.37E-05	2.72E-04	0.00E+00	8.03E-04	3.63E-09	1.06E-10	4.90E-03	8.79E-05	2.71E-03	0.00E+00	5.72E-05	1.35E-02	3.12E-01	0.00E+00	4.22E-10	5.47E-10	6.35E-05	1.62E-06	4.17E-02	0.00E+00	3.12E-01	7.66E-10	3.12E-01	3.54E-01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
NCN432A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN440A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN450	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN450A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN463	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN463A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN463N	3.81E-05	2.02E-02	3.82E-03	1.64E-02	0.00E+00	0.00E+00	2.37E-01	2.25E-07	2.18E-05	1.36E-04	0.00E+00	4.01E-04	1.81E-09	5.30E-11	2.44E-03	4.39E-05	1.34E-03	0.00E+00	2.84E-05	6.71E-03	1.56E-01	0.00E+00	2.11E-10	2.73E-10	3.17E-05	8.07E-07	2.08E-02	0.00E+00	1.56E-01	3.82E-10	1.56E-01	1.77E-01	2.08E-02	0.00E+00	0.00E+00	0.00E+00	1.22E-03
NCN506A	7.37E-05	3.23E-02	6.07E-03	2.62E-02	0.00E+00	0.00E+00	3.77E-01	3.58E-07	3.47E-05	2.16E-04	0.00E+00	6.38E-04	2.88E-09	8.43E-11	3.90E-03	6.98E-05	2.15E-03	0.00E+00	4.54E-05	1.07E-02	2.48E-01	0.00E+00	3.35E-10	4.34E-10	5.04E-05	1.29E-06	3.31E-02	0.00E+00	2.48E-01	6.09E-10	2.48E-01	2.81E-01	3.31E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
NCN520	6.76E-05	2.97E-02	5.58E-03	2.41E-02	0.00E+00	0.00E+00	3.47E-01	3.30E-07	3.19E-05	1.98E-04	0.00E+00	5.86E-04	2.65E-09	7.75E-11	3.58E-03	6.41E-05	1.98E-03	0.00E+00	4.18E-05	9.86E-03	2.28E-01	0.00E+00	3.08E-10	3.99E-10	4.64E-05	1.18E-06	3.04E-02	0.00E+00	2.28E-01	5.60E-10	2.28E-01	2.59E-01	3.04E-02	0.00E+00	0.00E+00	0.00E+00	1.79E-03
NCN520A	6.11E-05	2.68E-02	5.05E-03	2.18E-02	0.00E+00	0.00E+00	3.14E-01	2.98E-07	2.89E-05	1.80E-04	0.00E+00	5.31E-04	2.40E-09	7.02E-11	3.24E-03	5.81E-05	1.79E-03	0.00E+00	3.78E-05	8.93E-03	2.06E-01	0.00E+00	2.79E-10	3.61E-10	4.20E-05	1.07E-06	2.75E-02	0.00E+00	2.06E-01	5.07E-10	2.06E-01	2.34E-01	2.75E-02	0.00E+00	0.00E+00	0.00E+00	1.62E-03
NCN532	7.44E-05	3.26E-02	6.14E-03	2.65E-02	0.00E+00	0.00E+00	3.81E-01	3.62E-07	3.51E-05	2.18E-04	0.00E+00	6.44E-04	2.91E-09	8.52E-11	3.94E-03	7.05E-05	2.18E-03	0.00E+00	4.59E-05	1.08E-02	2.51E-01	0.00E+00	3.39E-10	4.39E-10	5.10E-05	1.30E-06	3.34E-02	0.00E+00	2.51E-01	6.15E-10	2.51E-01	2.84E-01	3.34E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
NCN613	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN620	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN625	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN632	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN640	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN650	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NCN663	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
ND106P	9.26E-06	4.25E-03	8.01E-04	3.45E-03	0.00E+00	0.00E+00	4.97E-02	4.72E-08	4.58E-06	2.84E-05	0.00E+00	8.41E-05	3.80E-10	1.11E-11	5.13E-04	9.20E-06	2.83E-04	0.00E+00	5.98E-06	1.41E-03	3.27E-02	0.00E+00	4.42E-11	5.72E-11	6.65E-06	1.69E-07	4.36E-03	0.00E+00	3.27E-02	8.02E-11	3.27E-02	3.71E-02	4.36E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
ND110P	2.60E-05	1.15E-02	2.16E-03	9.31E-03	0.00E+00	0.00E+00	1.34E-01	1.27E-07	1.23E-05	7.67E-05	0.00E+00	2.27E-04	1.03E-09	3.00E-11	1.39E-03	2.48E-05	7.65E-04	0.00E+00	1.62E-05	3.81E-03	8.82E-02	0.00E+00	1.19E-10	1.54E-10	1.79E-05	4.57E-07	1.18E-02	0.00E+00	8.82E-02	2.16E-10	8.82E-02	1.00E-01	1.18E-02	0.00E+00	0.00E+00	0.00E+00	6.94E-04
ND116P	9.23E-06	4.25E-03	8.00E-04	3.45E-03	0.00E+00	0.00E+00	4.97E-02	4.72E-08	4.57E-06	2.84E-05	0.00E+00	8.40E-05	3.80E-10	1.11E-11	5.13E-04	9.20E-06	2.83E-04	0.00E+00	5.98E-06	1.41E-03	3.27E-02	0.00E+00	4.42E-11	5.72E-11	6.65E-06	1.69E-07	4.36E-03	0.00E+00	3.27E-02	8.02E-11	3.27E-02	3.71E-02	4.36E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
ND120P	2.58E-05	1.14E-02	2.14E-03	9.22E-03	0.00E+00	0.00E+00	1.33E-01	1.26E-07	1.22E-05	7.60E-05	0.00E+00	2.25E-04	1.02E-09	2.97E-11	1.37E-03	2.46E-05	7.58E-04	0.00E+00	1.60E-05	3.78E-03	8.74E-02	0.00E+00	1.18E-10	1.53E-10	1.78E-05	4.53E-07	1.17E-02	0.00E+00	8.74E-02	2.14E-10	8.74E-02	9.91E-02	1.17E-02	0.00E+00	0.00E+00	0.00E+00	6.87E-04
ND125P	2.53E-05	1.12E-02	2.11E-03	9.08E-03	0.00E+00	0.00E+00	1.31E-01	1.24E-07	1.20E-05	7.48E-05	0.00E+00	2.21E-04	1.00E-09	2.92E-11	1.35E-03	2.42E-05	7.46E-04	0.00E+00	1.57E-05	3.72E-03	8.60E-02	0.00E+00	1.16E-10	1.51E-10	1.75E-05	4.46E-07	1.15E-02	0.00E+00	8.60E-02	2.11E-10	8.60E-02	9.75E-02	1.15E-02	0.00E+00	0.00E+00	0.00E+00	6.76E-04
ND132P	2.36E-05	1.04E-02	1.96E-03	8.46E-03	0.00E+00	0.00E+00	1.22E-01	1.16E-07	1.12E-05	6.97E-05	0.00E+00	2.06E-04	9.32E-10	2.72E-11	1.26E-03	2.25E-05	6.95E-04	0.00E+00	1.47E-05	3.47E-03	8.02E-02	0.00E+00	1.08E-10	1.40E-10	1.63E-05	4.16E-07	1.07E-02	0.00E+00	8.02E-02	1.97E-10	8.02E-02	9.09E-02	1.07E-02	0.00E+00	0.00E+00	0.00E+00	6.30E-04
ND140P	9.20E-06	4.25E-03	8.00E-04	3.45E-03	0.00E+00	0.00E+00	4.97E-02	4.72E-08	4.57E-06	2.84E-05	0.00E+00	8.40E-05	3.80E-10	1.11E-11	5.13E-04	9.19E-06	2.83E-04	0.00E+00	5.98E-06	1.41E-03	3.27E-02	0.00E+00	4.42E-11	5.72E-11	6.64E-06	1.69E-07	4.36E-03	0.00E+00	3.27E-02	8.02E-11	3.27E-02	3.70E-02	4.36E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
ND150P	9.17E-06	4.25E-03	8.00E-04	3.45E-03	0.00E+00	0.00E+00	4.97E-02	4.72E-08	4.57E-06	2.84E-05	0.00E+00	8.40E-05	3.80E-10	1.11E-11	5.13E-04	9.19E-06	2.83E-04	0.00E+00	5.98E-06	1.41E-03	3.27E-02	0.00E+00	4.42E-11	5.72E-11	6.64E-06	1.69E-07	4.36E-03	0.00E+00	3.27E-02	8.01E-11	3.27E-02	3.70E-02	4.36E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
ND163P	9.14E-06	4.25E-03	8.00E-04	3.45E-03	0.00E+00	0.00E+00	4.97E-02	4.72E-08	4.57E-06	2.84E-05	0.00E+00	8.40E-05	3.80E-10	1.11E-11	5.13E-04	9.19E-06	2.82E-04	0.00E+00	5.98E-06	1.41E-03	3.27E-02	0.00E+00	4.42E-11	5.72E-11	6.64E-06	1.69E-07	4.36E-03	0.00E+00	3.27E-02	8.01E-11	3.27E-02	3.70E-02	4.36E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04
ND206P	5.16E-05	2.27E-02	4.28E-03	1.84E-02	0.00E+00	0.00E+00	2.66E-01	2.53E-07	2.45E-05	1.52E-04	0.00E+00	4.49E-04	2.03E-09	5.94E-11	2.74E-03	4.91E-05	1.52E-03	0.00E+00	3.20E-05	7.56E-03	1.75E-01	0.00E+00	2.36E-10	3.06E-10	3.55E-05	9.06E-07	2.33E-02	0.00E+00	1.75E-01	4.29E-10	1.75E-01	1.98E-01	2.33E-02	0.00E+00	0.00E+00	0.00E+00	1.37E-03
ND216P	5.67E-05	2.50E-02	4.70E-03	2.03E-02	0.00E+00	0.00E+00	2.92E-01	2.77E-07	2.69E-05	1.67E-04	0.00E+00	4.93E-04	2.23E-09	6.52E-11	3.01E-03	5.40E-05	1.67E-03	0.00E+00	3.51E-05	8.30E-03	1.92E-01	0.00E+00	2.59E-10	3.36E-10	3.90E-05	9.95E-07	2.56E-02	0.00E+00	1.92E-01	4.71E-10	1.92E-01	2.18E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
ND220P	5.32E-05	2.34E-02	4.41E-03	1.90E-02	0.00E+00	0.00E+00	2.74E-01	2.61E-07	2.52E-05	1.57E-04	0.00E+00	4.63E-04	2.10E-09	6.13E-11	2.83E-03	5.07E-05	1.56E-03	0.00E+00	3.30E-05	7.79E-03	1.80E-01	0.00E+00	2.44E-10	3.16E-10	3.67E-05	9.35E-07	2.41E-02	0.00E+00	1.80E-01	4.42E-10	1.80E-01	2.04E-01	2.41E-02	0.00E+00	0.00E+00	0.00E+00	1.42E-03
ND225P	4.97E-05	2.19E-02	4.13E-03	1.78E-02	0.00E+00	0.00E+00	2.56E-01	2.44E-07	2.36E-05	1.47E-04	0.00E+00	4.33E-04	1.96E-09	5.73E-11	2.65E-03	4.74E-05	1.46E-03	0.00E+00	3.09E-05	7.29E-03	1.69E-01	0.00E+00	2.28E-10	2.95E-10	3.43E-05	8.75E-07	2.25E-02	0.00E+00	1.69E-01	4.14E-10	1.69E-01	1.91E-01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
ND232P	4.97E-05	2.19E-02	4.13E-03	1.78E-02	0.00E+00	0.00E+00	2.56E-01	2.44E-07	2.36E-05	1.47E-04	0.00E+00	4.33E-04	1.96E-09	5.73E-11	2.65E-03	4.74E-05	1.46E-03	0.00E+00	3.09E-05	7.29E-03	1.69E-01	0.00E+00	2.28E-10	2.95E-10	3.43E-05	8.75E-07	2.25E-02	0.00E+00	1.69E-01	4.14E-10	1.69E-01	1.91E-01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
ND240P	4.92E-05	2.17E-02	4.09E-03	1.76E-02	0.00E+00	0.00E+00	2.54E-01	2.41E-07	2.34E-05	1.45E-04	0.00E+00	4.29E-04	1.94E-09	5.67E-11	2.62E-03	4.70E-05	1.45E-03	0.00E+00	3.06E-05	7.22E-03	1.67E-01	0.00E+00	2.26E-10	2.92E-10	3.39E-05	8.66E-07	2.23E-02	0.00E+00	1.67E-01	4.10E-10	1.67E-01	1.89E-01	2.23E-02	0.00E+00	0.00E+00	0.00E+00	1.31E-03
ND250P	4.81E-05	2.13E-02	4.01E-03	1.73E-02	0.00E+00	0.00E+00	2.49E-01	2.36E-07	2.29E-05	1.42E-04	0.00E+00	4.21E-04	1.90E-09	5.56E-11	2.57E-03	4.60E-05	1.42E-03	0.00E+00	3.00E-05	7.07E-03	1.64E-01	0.00E+00	2.21E-10	2.86E-10	3.33E-05	8.49E-07	2.18E-02	0.00E+00	1.64E-01	4.01E-10	1.64E-01	1.86E-01	2.18E-02	0.00E+00	0.00E+00	0.00E+00	1.29E-03
ND263P	4.95E-05	2.19E-02	4.13E-03	1.78E-02	0.00E+00	0.00E+00	2.56E-01	2.44E-07	2.36E-05	1.47E-04	0.00E+00	4.33E-04	1.96E-09	5.73E-11	2.65E-03	4.74E-05	1.46E-03	0.00E+00	3.09E-05	7.29E-03	1.69E-01	0.00E+00	2.28E-10	2.95E-10	3.43E-05	8.74E-07	2.25E-02	0.00E+00	1.69E-01	4.14E-10	1.69E-01	1.91E-01	2.25E-02	0.00E+00	0.00E+00	0.00E+00	1.33E-03
ND306P	7.16E-05	3.16E-02	5.95E-03	2.56E-02	0.00E+00	0.00E+00	3.69E-01	3.51E-07	3.40E-05	2.11E-04	0.00E+00	6.25E-04	2.83E-09	8.26E-11	3.82E-03	6.83E-05	2.11E-03	0.00E+00	4.45E-05	1.05E-02	2.43E-01	0.00E+00	3.28E-10	4.25E-10	4.94E-05	1.26E-06	3.24E-02	0.00E+00	2.43E-01	5.96E-10	2.43E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
ND310P	7.38E-05	3.26E-02	6.13E-03	2.64E-02	0.00E+00	0.00E+00	3.81E-01	3.62E-07	3.50E-05	2.18E-04	0.00E+00	6.44E-04	2.91E-09	8.51E-11	3.93E-03	7.04E-05	2.17E-03	0.00E+00	4.59E-05	1.08E-02	2.51E-01	0.00E+00	3.39E-10	4.38E-10	5.09E-05	1.30E-06	3.34E-02	0.00E+00	2.51E-01	6.14E-10	2.51E-01	2.84E-01	3.34E-02	0.00E+00	0.00E+00	0.00E+00	1.97E-03
ND316P	7.23E-05	3.19E-02	6.01E-03	2.59E-02	0.00E+00	0.00E+00	3.73E-01	3.55E-07	3.43E-05	2.13E-04	0.00E+00	6.31E-04	2.85E-09	8.34E-11	3.85E-03	6.90E-05	2.13E-03	0.00E+00	4.49E-05	1.06E-02	2.46E-01	0.00E+00	3.32E-10	4.30E-10	4.99E-05	1.27E-06	3.28E-02	0.00E+00	2.46E-01	6.02E-10	2.46E-01	2.78E-01	3.28E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-03
ND320P	7.31E-05	3.22E-02	6.07E-03	2.62E-02	0.00E+00	0.00E+00	3.77E-01	3.58E-07	3.47E-05	2.16E-04	0.00E+00	6.37E-04	2.88E-09	8.43E-11	3.89E-03	6.97E-05	2.15E-03	0.00E+00	4.54E-05	1.07E-02	2.48E-01	0.00E+00	3.35E-10	4.34E-10	5.04E-05	1.29E-06	3.31E-02	0.00E+00	2.48E-01	6.08E-10	2.48E-01	2.81E-01	3.31E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
ND325P	7.07E-05	3.13E-02	5.89E-03	2.54E-02	0.00E+00	0.00E+00	3.66E-01	3.47E-07	3.36E-05	2.09E-04	0.00E+00	6.18E-04	2.80E-09	8.17E-11	3.78E-03	6.76E-05	2.09E-03	0.00E+00	4.40E-05	1.04E-02	2.41E-01	0.00E+00	3.25E-10	4.21E-10	4.89E-05	1.25E-06	3.21E-02	0.00E+00	2.41E-01	5.90E-10	2.41E-01	2.73E-01	3.21E-02	0.00E+00	0.00E+00	0.00E+00	1.89E-03
ND332P	7.14E-05	3.16E-02	5.95E-03	2.56E-02	0.00E+00	0.00E+00	3.69E-01	3.51E-07	3.40E-05	2.11E-04	0.00E+00	6.24E-04	2.82E-09	8.26E-11	3.81E-03	6.83E-05	2.11E-03	0.00E+00	4.45E-05	1.05E-02	2.43E-01	0.00E+00	3.28E-10	4.25E-10	4.94E-05	1.26E-06	3.24E-02	0.00E+00	2.43E-01	5.96E-10	2.43E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
ND340P	7.15E-05	3.16E-02	5.95E-03	2.56E-02	0.00E+00	0.00E+00	3.69E-01	3.51E-07	3.40E-05	2.11E-04	0.00E+00	6.24E-04	2.83E-09	8.26E-11	3.81E-03	6.83E-05	2.11E-03	0.00E+00	4.45E-05	1.05E-02	2.43E-01	0.00E+00	3.28E-10	4.25E-10	4.94E-05	1.26E-06	3.24E-02	0.00E+00	2.43E-01	5.96E-10	2.43E-01	2.75E-01	3.24E-02	0.00E+00	0.00E+00	0.00E+00	1.91E-03
ND350P	7.29E-05	3.22E-02	6.07E-03	2.62E-02	0.00E+00	0.00E+00	3.77E-01	3.58E-07	3.47E-05	2.16E-04	0.00E+00	6.37E-04	2.88E-09	8.42E-11	3.89E-03	6.97E-05	2.15E-03	0.00E+00	4.54E-05	1.07E-02	2.48E-01	0.00E+00	3.35E-10	4.34E-10	5.04E-05	1.29E-06	3.31E-02	0.00E+00	2.48E-01	6.08E-10	2.48E-01	2.81E-01	3.31E-02	0.00E+00	0.00E+00	0.00E+00	1.95E-03
ND363P	6.90E-05	3.06E-02	5.76E-03	2.48E-02	0.00E+00	0.00E+00	3.58E-01	3.40E-07	3.29E-05	2.05E-04	0.00E+00	6.05E-04	2.74E-09	8.00E-11	3.70E-03	6.62E-05	2.04E-03	0.00E+00	4.31E-05	1.02E-02	2.35E-01	0.00E+00	3.18E-10	4.12E-10	4.79E-05	1.22E-06	3.14E-02	0.00E+00	2.35E-01	5.78E-10	2.35E-01	2.67E-01	3.14E-02	0.00E+00	0.00E+00	0.00E+00	1.85E-03
ND416P	9.84E-05	4.34E-02	8.17E-03	3.52E-02	0.00E+00	0.00E+00	5.08E-01	4.82E-07	4.67E-05	2.90E-04	0.00E+00	8.58E-04	3.88E-09	1.13E-10	5.24E-03	9.39E-05	2.90E-03	0.00E+00	6.11E-05	1.44E-02	3.34E-01	0.00E+00	4.51E-10	5.84E-10	6.79E-05	1.73E-06	4.46E-02	0.00E+00	3.34E-01	8.19E-10	3.34E-01	3.79E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
ND425P	9.83E-05	4.34E-02	8.17E-03	3.52E-02	0.00E+00	0.00E+00	5.08E-01	4.82E-07	4.67E-05	2.90E-04	0.00E+00	8.58E-04	3.88E-09	1.13E-10	5.24E-03	9.39E-05	2.90E-03	0.00E+00	6.11E-05	1.44E-02	3.34E-01	0.00E+00	4.51E-10	5.84E-10	6.79E-05	1.73E-06	4.46E-02	0.00E+00	3.34E-01	8.19E-10	3.34E-01	3.78E-01	4.46E-02	0.00E+00	0.00E+00	0.00E+00	2.62E-03
ND440P	9.73E-05	4.30E-02	8.09E-03	3.49E-02	0.00E+00	0.00E+00	5.02E-01	4.78E-07	4.62E-05	2.87E-04	0.00E+00	8.50E-04	3.84E-09	1.12E-10	5.19E-03	9.30E-05	2.87E-03	0.00E+00	6.05E-05	1.43E-02	3.31E-01	0.00E+00	4.47E-10	5.79E-10	6.72E-05	1.71E-06	4.41E-02	0.00E+00	3.31E-01	8.11E-10	3.31E-01	3.75E-01	4.41E-02	0.00E+00	0.00E+00	0.00E+00	2.60E-03
ND450P	9.72E-05	4.30E-02	8.09E-03	3.49E-02	0.00E+00	0.00E+00	5.02E-01	4.78E-07	4.62E-05	2.87E-04	0.00E+00	8.50E-04	3.84E-09	1.12E-10	5.19E-03	9.29E-05	2.87E-03	0.00E+00	6.05E-05	1.43E-02	3.31E-01	0.00E+00	4.47E-10	5.79E-10	6.72E-05	1.71E-06	4.41E-02	0.00E+00	3.31E-01	8.11E-10	3.31E-01	3.75E-01	4.41E-02	0.00E+00	0.00E+00	0.00E+00	2.60E-03
NDN016	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NDN020	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NDN032	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NDN101A	4.19E-05	1.83E-02	3.45E-03	1.49E-02	0.00E+00	0.00E+00	2.14E-01	2.04E-07	1.97E-05	1.22E-04	0.00E+00	3.62E-04	1.64E-09	4.79E-11	2.21E-03	3.96E-05	1.22E-03	0.00E+00	2.58E-05	6.09E-03	1.41E-01	0.00E+00	1.90E-10	2.47E-10	2.86E-05	7.30E-07	1.88E-02	0.00E+00	1.41E-01	3.46E-10	1.41E-01	1.60E-01	1.88E-02	0.00E+00	0.00E+00	0.00E+00	1.11E-03
NDN120A	2.29E-05	1.01E-02	1.91E-03	8.23E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.09E-05	6.78E-05	0.00E+00	2.00E-04	9.07E-10	2.65E-11	1.22E-03	2.19E-05	6.76E-04	0.00E+00	1.43E-05	3.37E-03	7.80E-02	0.00E+00	1.05E-10	1.36E-10	1.59E-05	4.04E-07	1.04E-02	0.00E+00	7.80E-02	1.91E-10	7.80E-02	8.84E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
NDN140A	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04

NDN150	3.34E-05	1.47E-02	2.77E-03	1.19E-02	0.00E+00	0.00E+00	1.72E-01	1.63E-07	1.58E-05	9.83E-05	0.00E+00	2.91E-04	1.31E-09	3.84E-11	1.78E-03	3.18E-05	9.81E-04	0.00E+00	2.07E-05	4.89E-03	1.13E-01	0.00E+00	1.53E-10	1.98E-10	2.30E-05	5.86E-07	1.51E-02	0.00E+00	1.13E-01	2.77E-10	1.13E-01	1.28E-01	1.51E-02	0.00E+00	0.00E+00	0.00E+00	8.89E-04
NDN163	4.36E-05	1.91E-02	3.59E-03	1.55E-02	0.00E+00	0.00E+00	2.23E-01	2.12E-07	2.05E-05	1.28E-04	0.00E+00	3.77E-04	1.71E-09	4.99E-11	2.30E-03	4.13E-05	1.27E-03	0.00E+00	2.69E-05	6.35E-03	1.47E-01	0.00E+00	1.98E-10	2.57E-10	2.98E-05	7.61E-07	1.96E-02	0.00E+00	1.47E-01	3.60E-10	1.47E-01	1.66E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
NDN163A	2.29E-05	1.01E-02	1.91E-03	8.23E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.09E-05	6.78E-05	0.00E+00	2.00E-04	9.07E-10	2.65E-11	1.22E-03	2.19E-05	6.76E-04	0.00E+00	1.43E-05	3.37E-03	7.80E-02	0.00E+00	1.05E-10	1.36E-10	1.59E-05	4.04E-07	1.04E-02	0.00E+00	7.80E-02	1.91E-10	7.80E-02	8.84E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	6.13E-04
NDN201	8.63E-05	3.77E-02	7.09E-03	3.06E-02	0.00E+00	0.00E+00	4.40E-01	4.19E-07	4.05E-05	2.52E-04	0.00E+00	7.44E-04	3.37E-09	9.84E-11	4.55E-03	8.14E-05	2.51E-03	0.00E+00	5.30E-05	1.25E-02	2.90E-01	0.00E+00	3.92E-10	5.07E-10	5.89E-05	1.50E-06	3.87E-02	0.00E+00	2.90E-01	7.11E-10	2.90E-01	3.28E-01	3.87E-02	0.00E+00	0.00E+00	0.00E+00	2.28E-03
NDN210	7.06E-05	3.10E-02	5.83E-03	2.51E-02	0.00E+00	0.00E+00	3.62E-01	3.44E-07	3.33E-05	2.07E-04	0.00E+00	6.12E-04	2.77E-09	8.09E-11	3.74E-03	6.69E-05	2.07E-03	0.00E+00	4.36E-05	1.03E-02	2.38E-01	0.00E+00	3.22E-10	4.17E-10	4.84E-05	1.23E-06	3.18E-02	0.00E+00	2.38E-01	5.84E-10	2.38E-01	2.70E-01	3.18E-02	0.00E+00	0.00E+00	0.00E+00	1.87E-03
NDN250	9.04E-05	3.95E-02	7.44E-03	3.21E-02	0.00E+00	0.00E+00	4.62E-01	4.39E-07	4.25E-05	2.64E-04	0.00E+00	7.81E-04	3.53E-09	1.03E-10	4.77E-03	8.54E-05	2.64E-03	0.00E+00	5.56E-05	1.31E-02	3.04E-01	0.00E+00	4.11E-10	5.32E-10	6.17E-05	1.58E-06	4.05E-02	0.00E+00	3.04E-01	7.45E-10	3.04E-01	3.44E-01	4.05E-02	0.00E+00	0.00E+00	0.00E+00	2.39E-03
NDN301A	1.25E-04	5.45E-02	1.03E-02	4.43E-02	0.00E+00	0.00E+00	6.38E-01	6.06E-07	5.87E-05	3.65E-04	0.00E+00	1.08E-03	4.88E-09	1.43E-10	6.59E-03	1.18E-04	3.64E-03	0.00E+00	7.68E-05	1.81E-02	4.20E-01	0.00E+00	5.67E-10	7.34E-10	8.53E-05	2.18E-06	5.60E-02	0.00E+00	4.20E-01	1.03E-09	4.20E-01	4.76E-01	5.60E-02	0.00E+00	0.00E+00	0.00E+00	3.30E-03
NDN320A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN325	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN325A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN332A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN340A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN350A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN363A	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NDN410	1.29E-04	5.68E-02	1.07E-02	4.61E-02	0.00E+00	0.00E+00	6.64E-01	6.31E-07	6.11E-05	3.80E-04	0.00E+00	1.12E-03	5.08E-09	1.48E-10	6.86E-03	1.23E-04	3.79E-03	0.00E+00	8.00E-05	1.89E-02	4.37E-01	0.00E+00	5.90E-10	7.64E-10	8.88E-05	2.26E-06	5.83E-02	0.00E+00	4.37E-01	1.07E-09	4.37E-01	4.95E-01	5.83E-02	0.00E+00	0.00E+00	0.00E+00	3.43E-03
NDN416	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN416A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN432A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN440A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NDN450A	9.16E-05	4.06E-02	7.65E-03	3.30E-02	0.00E+00	0.00E+00	4.75E-01	4.51E-07	4.37E-05	2.72E-04	0.00E+00	8.03E-04	3.63E-09	1.06E-10	4.90E-03	8.79E-05	2.71E-03	0.00E+00	5.72E-05	1.35E-02	3.12E-01	0.00E+00	4.22E-10	5.47E-10	6.35E-05	1.62E-06	4.17E-02	0.00E+00	3.12E-01	7.66E-10	3.12E-01	3.54E-01	4.17E-02	0.00E+00	0.00E+00	0.00E+00	2.46E-03
NDN463A	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NEN116	1.58E-05	6.98E-03	1.31E-03	5.66E-03	0.00E+00	0.00E+00	8.16E-02	7.76E-08	7.51E-06	4.67E-05	0.00E+00	1.38E-04	6.24E-10	1.82E-11	8.42E-04	1.51E-05	4.65E-04	0.00E+00	9.82E-06	2.32E-03	5.37E-02	0.00E+00	7.26E-11	9.40E-11	1.09E-05	2.78E-07	7.16E-03	0.00E+00	5.37E-02	1.32E-10	5.37E-02	6.08E-02	7.16E-03	0.00E+00	0.00E+00	0.00E+00	4.22E-04
NEN220	3.19E-05	1.44E-02	2.71E-03	1.17E-02	0.00E+00	0.00E+00	1.68E-01	1.60E-07	1.55E-05	9.62E-05	0.00E+00	2.84E-04	1.29E-09	3.76E-11	1.74E-03	3.11E-05	9.58E-04	0.00E+00	2.02E-05	4.78E-03	1.11E-01	0.00E+00	1.50E-10	1.94E-10	2.25E-05	5.74E-07	1.48E-02	0.00E+00	1.11E-01	2.71E-10	1.11E-01	1.25E-01	1.48E-02	0.00E+00	0.00E+00	0.00E+00	8.69E-04
NEN450	4.06E-05	1.82E-02	3.44E-03	1.48E-02	0.00E+00	0.00E+00	2.13E-01	2.03E-07	1.96E-05	1.22E-04	0.00E+00	3.61E-04	1.63E-09	4.77E-11	2.20E-03	3.95E-05	1.22E-03	0.00E+00	2.57E-05	6.06E-03	1.40E-01	0.00E+00	1.90E-10	2.46E-10	2.85E-05	7.28E-07	1.87E-02	0.00E+00	1.40E-01	3.44E-10	1.40E-01	1.59E-01	1.87E-02	0.00E+00	0.00E+00	0.00E+00	1.10E-03
NF100A	1.53E-05	6.54E-03	1.23E-03	5.31E-03	0.00E+00	0.00E+00	7.65E-02	7.27E-08	7.04E-06	4.38E-05	0.00E+00	1.29E-04	5.85E-10	1.71E-11	7.90E-04	1.42E-05	4.36E-04	0.00E+00	9.21E-06	2.17E-03	5.03E-02	0.00E+00	6.80E-11	8.81E-11	1.02E-05	2.61E-07	6.71E-03	0.00E+00	5.03E-02	1.23E-10	5.03E-02	5.70E-02	6.71E-03	0.00E+00	0.00E+00	0.00E+00	3.95E-04
NF101A	2.00E-05	8.50E-03	1.60E-03	6.90E-03	0.00E+00	0.00E+00	9.94E-02	9.44E-08	9.14E-06	5.68E-05	0.00E+00	1.68E-04	7.60E-10	2.22E-11	1.03E-03	1.84E-05	5.67E-04	0.00E+00	1.20E-05	2.83E-03	6.54E-02	0.00E+00	8.84E-11	1.14E-10	1.33E-05	3.39E-07	8.72E-03	0.00E+00	6.54E-02	1.60E-10	6.54E-02	7.41E-02	8.72E-03	0.00E+00	0.00E+00	0.00E+00	5.14E-04
NF102A	2.24E-05	9.52E-03	1.79E-03	7.72E-03	0.00E+00	0.00E+00	1.11E-01	1.06E-07	1.02E-05	6.37E-05	0.00E+00	1.88E-04	8.51E-10	2.49E-11	1.15E-03	2.06E-05	6.35E-04	0.00E+00	1.34E-05	3.16E-03	7.32E-02	0.00E+00	9.90E-11	1.28E-10	1.49E-05	3.80E-07	9.77E-03	0.00E+00	7.32E-02	1.80E-10	7.32E-02	8.30E-02	9.77E-03	0.00E+00	0.00E+00	0.00E+00	5.75E-04
NF103A	1.71E-05	7.31E-03	1.38E-03	5.93E-03	0.00E+00	0.00E+00	8.55E-02	8.12E-08	7.86E-06	4.89E-05	0.00E+00	1.44E-04	6.54E-10	1.91E-11	8.82E-04	1.58E-05	4.87E-04	0.00E+00	1.03E-05	2.43E-03	5.62E-02	0.00E+00	7.60E-11	9.84E-11	1.14E-05	2.91E-07	7.50E-03	0.00E+00	5.62E-02	1.38E-10	5.62E-02	6.37E-02	7.50E-03	0.00E+00	0.00E+00	0.00E+00	4.42E-04
NF104A	1.08E-05	4.60E-03	8.67E-04	3.73E-03	0.00E+00	0.00E+00	5.38E-02	5.12E-08	4.95E-06	3.08E-05	0.00E+00	9.10E-05	4.12E-10	1.20E-11	5.56E-04	9.96E-06	3.06E-04	0.00E+00	6.48E-06	1.53E-03	3.54E-02	0.00E+00	4.79E-11	6.20E-11	7.20E-06	1.84E-07	4.72E-03	0.00E+00	3.54E-02	8.68E-11	3.54E-02	4.01E-02	4.72E-03	0.00E+00	0.00E+00	0.00E+00	2.78E-04
NF106A	1.07E-05	4.90E-03	9.23E-04	3.98E-03	0.00E+00	0.00E+00	5.73E-02	5.45E-08	5.28E-06	3.28E-05	0.00E+00	9.69E-05	4.39E-10	1.28E-11	5.92E-04	1.06E-05	3.26E-04	0.00E+00	6.90E-06	1.63E-03	3.77E-02	0.00E+00	5.10E-11	6.60E-11	7.67E-06	1.96E-07	5.03E-03	0.00E+00	3.77E-02	9.25E-11	3.77E-02	4.28E-02	5.03E-03	0.00E+00	0.00E+00	0.00E+00	2.96E-04
NF110A	1.29E-05	5.85E-03	1.10E-03	4.75E-03	0.00E+00	0.00E+00	6.84E-02	6.50E-08	6.30E-06	3.91E-05	0.00E+00	1.16E-04	5.23E-10	1.53E-11	7.06E-04	1.27E-05	3.90E-04	0.00E+00	8.23E-06	1.94E-03	4.50E-02	0.00E+00	6.08E-11	7.88E-11	9.15E-06	2.33E-07	6.00E-03	0.00E+00	4.50E-02	1.10E-10	4.50E-02	5.10E-02	6.00E-03	0.00E+00	0.00E+00	0.00E+00	3.54E-04
NF116A	1.38E-05	6.25E-03	1.18E-03	5.07E-03	0.00E+00	0.00E+00	7.30E-02	6.94E-08	6.72E-06	4.18E-05	0.00E+00	1.24E-04	5.59E-10	1.63E-11	7.54E-04	1.35E-05	4.16E-04	0.00E+00	8.79E-06	2.08E-03	4.81E-02	0.00E+00	6.50E-11	8.41E-11	9.77E-06	2.49E-07	6.41E-03	0.00E+00	4.81E-02	1.18E-10	4.81E-02	5.45E-02	6.41E-03	0.00E+00	0.00E+00	0.00E+00	3.78E-04
NF120A	1.42E-05	6.43E-03	1.21E-03	5.22E-03	0.00E+00	0.00E+00	7.52E-02	7.15E-08	6.92E-06	4.30E-05	0.00E+00	1.27E-04	5.75E-10	1.68E-11	7.77E-04	1.39E-05	4.29E-04	0.00E+00	9.06E-06	2.14E-03	4.95E-02	0.00E+00	6.69E-11	8.66E-11	1.01E-05	2.57E-07	6.60E-03	0.00E+00	4.95E-02	1.21E-10	4.95E-02	5.61E-02	6.60E-03	0.00E+00	0.00E+00	0.00E+00	3.89E-04
NF125A	1.23E-05	5.58E-03	1.05E-03	4.53E-03	0.00E+00	0.00E+00	6.53E-02	6.20E-08	6.01E-06	3.73E-05	0.00E+00	1.10E-04	4.99E-10	1.46E-11	6.74E-04	1.21E-05	3.72E-04	0.00E+00	7.86E-06	1.85E-03	4.29E-02	0.00E+00	5.80E-11	7.51E-11	8.73E-06	2.23E-07	5.73E-03	0.00E+00	4.29E-02	1.05E-10	4.29E-02	4.87E-02	5.73E-03	0.00E+00	0.00E+00	0.00E+00	3.37E-04
NF132A	2.78E-05	1.22E-02	2.30E-03	9.93E-03	0.00E+00	0.00E+00	1.43E-01	1.36E-07	1.32E-05	8.18E-05	0.00E+00	2.42E-04	1.09E-09	3.20E-11	1.48E-03	2.65E-05	8.16E-04	0.00E+00	1.72E-05	4.07E-03	9.41E-02	0.00E+00	1.27E-10	1.65E-10	1.91E-05	4.88E-07	1.26E-02	0.00E+00	9.41E-02	2.31E-10	9.41E-02	1.07E-01	1.26E-02	0.00E+00	0.00E+00	0.00E+00	7.40E-04
NF140A	2.41E-05	1.06E-02	2.00E-03	8.62E-03	0.00E+00	0.00E+00	1.24E-01	1.18E-07	1.14E-05	7.10E-05	0.00E+00	2.10E-04	9.50E-10	2.78E-11	1.28E-03	2.30E-05	7.08E-04	0.00E+00	1.50E-05	3.53E-03	8.17E-02	0.00E+00	1.10E-10	1.43E-10	1.66E-05	4.24E-07	1.09E-02	0.00E+00	8.17E-02	2.00E-10	8.17E-02	9.26E-02	1.09E-02	0.00E+00	0.00E+00	0.00E+00	6.42E-04
NF150A	9.23E-06	4.19E-03	7.89E-04	3.40E-03	0.00E+00	0.00E+00	4.90E-02	4.65E-08	4.51E-06	2.80E-05	0.00E+00	8.28E-05	3.75E-10	1.09E-11	5.05E-04	9.06E-06	2.79E-04	0.00E+00	5.89E-06	1.39E-03	3.22E-02	0.00E+00	4.36E-11	5.64E-11	6.55E-06	1.67E-07	4.30E-03	0.00E+00	3.22E-02	7.90E-11	3.22E-02	3.65E-02	4.30E-03	0.00E+00	0.00E+00	0.00E+00	2.53E-04
NF163A	2.65E-05	1.16E-02	2.19E-03	9.44E-03	0.00E+00	0.00E+00	1.36E-01	1.29E-07	1.25E-05	7.78E-05	0.00E+00	2.30E-04	1.04E-09	3.04E-11	1.40E-03	2.51E-05	7.76E-04	0.00E+00	1.64E-05	3.87E-03	8.94E-02	0.00E+00	1.21E-10	1.56E-10	1.82E-05	4.64E-07	1.19E-02	0.00E+00	8.94E-02	2.19E-10	8.94E-02	1.01E-01	1.19E-02	0.00E+00	0.00E+00	0.00E+00	7.03E-04
NF200A	1.91E-05	8.38E-03	1.58E-03	6.80E-03	0.00E+00	0.00E+00	9.80E-02	9.31E-08	9.02E-06	5.61E-05	0.00E+00	1.66E-04	7.50E-10	2.19E-11	1.01E-03	1.81E-05	5.58E-04	0.00E+00	1.18E-05	2.78E-03	6.45E-02	0.00E+00	8.71E-11	1.13E-10	1.31E-05	3.34E-07	8.60E-03	0.00E+00	6.45E-02	1.58E-10	6.45E-02	7.31E-02	8.60E-03	0.00E+00	0.00E+00	0.00E+00	5.06E-04
NF201A	3.23E-05	1.40E-02	2.63E-03	1.13E-02	0.00E+00	0.00E+00	1.63E-01	1.55E-07	1.50E-05	9.34E-05	0.00E+00	2.76E-04	1.25E-09	3.65E-11	1.69E-03	3.02E-05	9.31E-04	0.00E+00	1.97E-05	4.64E-03	1.07E-01	0.00E+00	1.45E-10	1.88E-10	2.18E-05	5.57E-07	1.43E-02	0.00E+00	1.07E-01	2.64E-10	1.07E-01	1.22E-01	1.43E-02	0.00E+00	0.00E+00	0.00E+00	8.44E-04
NF202A	2.36E-05	1.02E-02	1.92E-03	8.28E-03	0.00E+00	0.00E+00	1.19E-01	1.13E-07	1.10E-05	6.82E-05	0.00E+00	2.02E-04	9.13E-10	2.67E-11	1.23E-03	2.21E-05	6.79E-04	0.00E+00	1.44E-05	3.39E-03	7.85E-02	0.00E+00	1.06E-10	1.37E-10	1.60E-05	4.07E-07	1.05E-02	0.00E+00	7.85E-02	1.92E-10	7.85E-02	8.89E-02	1.05E-02	0.00E+00	0.00E+00	0.00E+00	6.16E-04
NF203A	1.86E-05	8.14E-03	1.53E-03	6.61E-03	0.00E+00	0.00E+00	9.53E-02	9.05E-08	8.77E-06	5.45E-05	0.00E+00	1.61E-04	7.29E-10	2.13E-11	9.83E-04	1.76E-05	5.42E-04	0.00E+00	1.15E-05	2.71E-03	6.27E-02	0.00E+00	8.47E-11	1.10E-10	1.27E-05	3.25E-07	8.36E-03	0.00E+00	6.27E-02	1.54E-10	6.27E-02	7.10E-02	8.36E-03	0.00E+00	0.00E+00	0.00E+00	4.92E-04
NF204A	2.36E-05	1.03E-02	1.94E-03	8.35E-03	0.00E+00	0.00E+00	1.20E-01	1.14E-07	1.11E-05	6.88E-05	0.00E+00	2.03E-04	9.20E-10	2.69E-11	1.24E-03	2.23E-05	6.85E-04	0.00E+00	1.45E-05	3.42E-03	7.92E-02	0.00E+00	1.07E-10	1.39E-10	1.61E-05	4.10E-07	1.06E-02	0.00E+00	7.92E-02	1.94E-10	7.92E-02	8.97E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	6.22E-04
NF206A	1.95E-05	8.87E-03	1.67E-03	7.20E-03	0.00E+00	0.00E+00	1.04E-01	9.86E-08	9.54E-06	5.93E-05	0.00E+00	1.75E-04	7.93E-10	2.32E-11	1.07E-03	1.92E-05	5.90E-04	0.00E+00	1.25E-05	2.95E-03	6.82E-02	0.00E+00	9.22E-11	1.19E-10	1.39E-05	3.54E-07	9.10E-03	0.00E+00	6.82E-02	1.67E-10	6.82E-02	7.73E-02	9.10E-03	0.00E+00	0.00E+00	0.00E+00	5.36E-04
NF210A	2.76E-05	1.24E-02	2.33E-03	1.00E-02	0.00E+00	0.00E+00	1.45E-01	1.37E-07	1.33E-05	8.27E-05	0.00E+00	2.44E-04	1.11E-09	3.23E-11	1.49E-03	2.67E-05	8.24E-04	0.00E+00	1.74E-05	4.11E-03	9.51E-02	0.00E+00	1.29E-10	1.66E-10	1.93E-05	4.93E-07	1.27E-02	0.00E+00	9.51E-02	2.33E-10	9.51E-02	1.08E-01	1.27E-02	0.00E+00	0.00E+00	0.00E+00	7.47E-04
NF216A	1.89E-05	8.63E-03	1.63E-03	7.00E-03	0.00E+00	0.00E+00	1.01E-01	9.60E-08	9.29E-06	5.78E-05	0.00E+00	1.71E-04	7.72E-10	2.26E-11	1.04E-03	1.87E-05	5.75E-04	0.00E+00	1.22E-05	2.87E-03	6.64E-02	0.00E+00	8.98E-11	1.16E-10	1.35E-05	3.44E-07	8.86E-03	0.00E+00	6.64E-02	1.63E-10	6.64E-02	7.53E-02	8.86E-03	0.00E+00	0.00E+00	0.00E+00	5.22E-04
NF220A	2.79E-05	1.25E-02	2.35E-03	1.01E-02	0.00E+00	0.00E+00	1.46E-01	1.39E-07	1.34E-05	8.36E-05	0.00E+00	2.47E-04	1.12E-09	3.27E-11	1.51E-03	2.70E-05	8.33E-04	0.00E+00	1.76E-05	4.15E-03	9.61E-02	0.00E+00	1.30E-10	1.68E-10	1.95E-05	4.98E-07	1.28E-02	0.00E+00	9.61E-02	2.36E-10	9.61E-02	1.09E-01	1.28E-02	0.00E+00	0.00E+00	0.00E+00	7.55E-04
NF225A	2.18E-05	9.86E-03	1.86E-03	8.00E-03	0.00E+00	0.00E+00	1.15E-01	1.10E-07	1.06E-05	6.60E-05	0.00E+00	1.95E-04	8.82E-10	2.58E-11	1.19E-03	2.13E-05	6.57E-04	0.00E+00	1.39E-05	3.28E-03	7.59E-02	0.00E+00	1.03E-10	1.33E-10	1.54E-05	3.93E-07	1.01E-02	0.00E+00	7.59E-02	1.86E-10	7.59E-02	8.60E-02	1.01E-02	0.00E+00	0.00E+00	0.00E+00	5.96E-04
NF232A	3.06E-05	1.36E-02	2.57E-03	1.11E-02	0.00E+00	0.00E+00	1.59E-01	1.51E-07	1.47E-05	9.12E-05	0.00E+00	2.69E-04	1.22E-09	3.56E-11	1.65E-03	2.95E-05	9.08E-04	0.00E+00	1.92E-05	4.53E-03	1.05E-01	0.00E+00	1.42E-10	1.83E-10	2.13E-05	5.43E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.24E-04
NF240A	4.53E-05	1.99E-02	3.75E-03	1.62E-02	0.00E+00	0.00E+00	2.33E-01	2.22E-07	2.15E-05	1.33E-04	0.00E+00	3.94E-04	1.78E-09	5.21E-11	2.41E-03	4.31E-05	1.33E-03	0.00E+00	2.81E-05	6.63E-03	1.53E-01	0.00E+00	2.07E-10	2.68E-10	3.12E-05	7.95E-07	2.05E-02	0.00E+00	1.53E-01	3.76E-10	1.53E-01	1.74E-01	2.05E-02	0.00E+00	0.00E+00	0.00E+00	1.21E-03
NF250A	3.35E-05	1.48E-02	2.79E-03	1.20E-02	0.00E+00	0.00E+00	1.73E-01	1.65E-07	1.59E-05	9.91E-05	0.00E+00	2.93E-04	1.32E-09	3.87E-11	1.79E-03	3.20E-05	9.88E-04	0.00E+00	2.09E-05	4.92E-03	1.14E-01	0.00E+00	1.54E-10	1.99E-10	2.32E-05	5.91E-07	1.52E-02	0.00E+00	1.14E-01	2.80E-10	1.14E-01	1.29E-01	1.52E-02	0.00E+00	0.00E+00	0.00E+00	8.96E-04
NF263A	2.69E-05	1.20E-02	2.26E-03	9.75E-03	0.00E+00	0.00E+00	1.41E-01	1.34E-07	1.29E-05	8.04E-05	0.00E+00	2.38E-04	1.07E-09	3.14E-11	1.45E-03	2.60E-05	8.01E-04	0.00E+00	1.69E-05	3.99E-03	9.25E-02	0.00E+00	1.25E-10	1.62E-10	1.88E-05	4.79E-07	1.23E-02	0.00E+00	9.25E-02	2.27E-10	9.25E-02	1.05E-01	1.23E-02	0.00E+00	0.00E+00	0.00E+00	7.26E-04
NF300A	2.84E-05	1.26E-02	2.37E-03	1.02E-02	0.00E+00	0.00E+00	1.47E-01	1.40E-07	1.35E-05	8.41E-05	0.00E+00	2.49E-04	1.12E-09	3.29E-11	1.52E-03	2.72E-05	8.36E-04	0.00E+00	1.77E-05	4.18E-03	9.67E-02	0.00E+00	1.31E-10	1.69E-10	1.97E-05	5.01E-07	1.29E-02	0.00E+00	9.67E-02	2.37E-10	9.67E-02	1.10E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.59E-04
NF301A	2.86E-05	1.26E-02	2.37E-03	1.02E-02	0.00E+00	0.00E+00	1.47E-01	1.40E-07	1.35E-05	8.41E-05	0.00E+00	2.49E-04	1.12E-09	3.29E-11	1.52E-03	2.72E-05	8.36E-04	0.00E+00	1.77E-05	4.18E-03	9.67E-02	0.00E+00	1.31E-10	1.69E-10	1.97E-05	5.01E-07	1.29E-02	0.00E+00	9.67E-02	2.37E-10	9.67E-02	1.10E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.59E-04
NF302A	4.05E-05	1.77E-02	3.33E-03	1.44E-02	0.00E+00	0.00E+00	2.07E-01	1.97E-07	1.91E-05	1.18E-04	0.00E+00	3.50E-04	1.58E-09	4.63E-11	2.14E-03	3.83E-05	1.18E-03	0.00E+00	2.49E-05	5.89E-03	1.36E-01	0.00E+00	1.84E-10	2.38E-10	2.77E-05	7.06E-07	1.82E-02	0.00E+00	1.36E-01	3.34E-10	1.36E-01	1.54E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
NF303A	2.64E-05	1.17E-02	2.20E-03	9.49E-03	0.00E+00	0.00E+00	1.37E-01	1.30E-07	1.26E-05	7.83E-05	0.00E+00	2.31E-04	1.05E-09	3.06E-11	1.41E-03	2.53E-05	7.79E-04	0.00E+00	1.65E-05	3.89E-03	9.00E-02	0.00E+00	1.22E-10	1.58E-10	1.83E-05	4.67E-07	1.20E-02	0.00E+00	9.00E-02	2.21E-10	9.00E-02	1.02E-01	1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.07E-04
NF304A	2.84E-05	1.26E-02	2.37E-03	1.02E-02	0.00E+00	0.00E+00	1.47E-01	1.40E-07	1.35E-05	8.41E-05	0.00E+00	2.48E-04	1.12E-09	3.29E-11	1.52E-03	2.72E-05	8.36E-04	0.00E+00	1.77E-05	4.18E-03	9.67E-02	0.00E+00	1.31E-10	1.69E-10	1.97E-05	5.01E-07	1.29E-02	0.00E+00	9.67E-02	2.37E-10	9.67E-02	1.10E-01	1.29E-02	0.00E+00	0.00E+00	0.00E+00	7.59E-04
NF306A	3.09E-05	1.40E-02	2.64E-03	1.14E-02	0.00E+00	0.00E+00	1.64E-01	1.56E-07	1.51E-05	9.37E-05	0.00E+00	2.77E-04	1.25E-09	3.66E-11	1.69E-03	3.03E-05	9.32E-04	0.00E+00	1.97E-05	4.65E-03	1.08E-01	0.00E+00	1.46E-10	1.89E-10	2.19E-05	5.58E-07	1.44E-02	0.00E+00	1.08E-01	2.64E-10	1.08E-01	1.22E-01	1.44E-02	0.00E+00	0.00E+00	0.00E+00	8.46E-04
NF310A	2.86E-05	1.31E-02	2.46E-03	1.06E-02	0.00E+00	0.00E+00	1.53E-01	1.45E-07	1.41E-05	8.73E-05	0.00E+00	2.58E-04	1.17E-09	3.41E-11	1.58E-03	2.83E-05	8.69E-04	0.00E+00	1.84E-05	4.34E-03	1.00E-01	0.00E+00	1.36E-10	1.76E-10	2.04E-05	5.21E-07	1.34E-02	0.00E+00	1.00E-01	2.46E-10	1.00E-01	1.14E-01	1.34E-02	0.00E+00	0.00E+00	0.00E+00	7.89E-04
NF316A	3.41E-05	1.54E-02	2.90E-03	1.25E-02	0.00E+00	0.00E+00	1.80E-01	1.71E-07	1.66E-05	1.03E-04	0.00E+00	3.05E-04	1.38E-09	4.03E-11	1.86E-03	3.33E-05	1.03E-03	0.00E+00	2.17E-05	5.12E-03	1.19E-01	0.00E+00	1.60E-10	2.07E-10	2.41E-05	6.14E-07	1.58E-02	0.00E+00	1.19E-01	2.91E-10	1.19E-01	1.34E-01	1.58E-02	0.00E+00	0.00E+00	0.00E+00	9.31E-04
NF320A	7.40E-06	3.91E-03	7.39E-04	3.17E-03	0.00E+00	0.00E+00	4.59E-02	4.35E-08	4.22E-06	2.62E-05	0.00E+00	7.76E-05	3.51E-10	1.03E-11	4.72E-04	8.49E-06	2.58E-04	0.00E+00	5.50E-06	1.30E-03	3.01E-02	0.00E+00	4.08E-11	5.27E-11	6.13E-06	1.56E-07	4.02E-03	0.00E+00	3.01E-02	7.39E-11	3.01E-02	3.42E-02	4.02E-03	0.00E+00	0.00E+00	0.00E+00	2.36E-04
NF325A	3.12E-05	1.41E-02	2.66E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.57E-07	1.52E-05	9.46E-05	0.00E+00	2.80E-04	1.26E-09	3.70E-11	1.71E-03	3.06E-05	9.41E-04	0.00E+00	1.99E-05	4.70E-03	1.09E-01	0.00E+00	1.47E-10	1.90E-10	2.21E-05	5.64E-07	1.45E-02	0.00E+00	1.09E-01	2.67E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.54E-04
NF332A	8.76E-05	3.84E-02	7.23E-03	3.12E-02	0.00E+00	0.00E+00	4.49E-01	4.27E-07	4.13E-05	2.57E-04	0.00E+00	7.59E-04	3.43E-09	1.00E-10	4.64E-03	8.30E-05	2.56E-03	0.00E+00	5.41E-05	1.28E-02	2.95E-01	0.00E+00	3.99E-10	5.17E-10	6.00E-05	1.53E-06	3.94E-02	0.00E+00	2.95E-01	7.24E-10	2.95E-01	3.35E-01	3.94E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NF340A	1.05E-04	4.58E-02	8.63E-03	3.72E-02	0.00E+00	0.00E+00	5.36E-01	5.09E-07	4.93E-05	3.07E-04	0.00E+00	9.06E-04	4.10E-09	1.20E-10	5.54E-03	9.91E-05	3.06E-03	0.00E+00	6.45E-05	1.52E-02	3.53E-01	0.00E+00	4.76E-10	6.17E-10	7.16E-05	1.83E-06	4.70E-02	0.00E+00	3.53E-01	8.65E-10	3.53E-01	4.00E-01	4.70E-02	0.00E+00	0.00E+00	0.00E+00	2.77E-03
NF350A	4.03E-05	1.80E-02	3.39E-03	1.46E-02	0.00E+00	0.00E+00	2.11E-01	2.00E-07	1.94E-05	1.21E-04	0.00E+00	3.56E-04	1.61E-09	4.71E-11	2.18E-03	3.90E-05	1.20E-03	0.00E+00	2.54E-05	5.99E-03	1.39E-01	0.00E+00	1.87E-10	2.43E-10	2.82E-05	7.19E-07	1.85E-02	0.00E+00	1.39E-01	3.40E-10	1.39E-01	1.57E-01	1.85E-02	0.00E+00	0.00E+00	0.00E+00	1.09E-03
NF363A	2.78E-05	1.26E-02	2.38E-03	1.03E-02	0.00E+00	0.00E+00	1.48E-01	1.41E-07	1.36E-05	8.46E-05	0.00E+00	2.50E-04	1.13E-09	3.31E-11	1.53E-03	2.74E-05	8.41E-04	0.00E+00	1.78E-05	4.20E-03	9.73E-02	0.00E+00	1.31E-10	1.70E-10	1.98E-05	5.04E-07	1.30E-02	0.00E+00	9.73E-02	2.39E-10	9.73E-02	1.10E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	7.64E-04
NF400A	3.77E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.31E-04	1.50E-09	4.38E-11	2.02E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.57E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.68E-07	1.72E-02	0.00E+00	1.29E-01	3.16E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
NF401A	9.55E-05	4.16E-02	7.83E-03	3.37E-02	0.00E+00	0.00E+00	4.86E-01	4.62E-07	4.47E-05	2.78E-04	0.00E+00	8.22E-04	3.72E-09	1.09E-10	5.02E-03	8.99E-05	2.77E-03	0.00E+00	5.85E-05	1.38E-02	3.20E-01	0.00E+00	4.32E-10	5.60E-10	6.50E-05	1.66E-06	4.27E-02	0.00E+00	3.20E-01	7.84E-10	3.20E-01	3.62E-01	4.27E-02	0.00E+00	0.00E+00	0.00E+00	2.51E-03
NF402A	8.96E-05	3.90E-02	7.35E-03	3.17E-02	0.00E+00	0.00E+00	4.56E-01	4.34E-07	4.20E-05	2.61E-04	0.00E+00	7.72E-04	3.49E-09	1.02E-10	4.71E-03	8.44E-05	2.60E-03	0.00E+00	5.50E-05	1.30E-02	3.00E-01	0.00E+00	4.06E-10	5.26E-10	6.10E-05	1.56E-06	4.01E-02	0.00E+00	3.00E-01	7.37E-10	3.00E-01	3.40E-01	4.01E-02	0.00E+00	0.00E+00	0.00E+00	2.36E-03
NF403A	3.76E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.31E-04	1.50E-09	4.38E-11	2.02E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.57E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.68E-07	1.72E-02	0.00E+00	1.29E-01	3.16E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
NF404A	3.76E-05	1.68E-02	3.16E-03	1.36E-02	0.00E+00	0.00E+00	1.96E-01	1.86E-07	1.80E-05	1.12E-04	0.00E+00	3.31E-04	1.50E-09	4.38E-11	2.02E-03	3.63E-05	1.12E-03	0.00E+00	2.36E-05	5.57E-03	1.29E-01	0.00E+00	1.74E-10	2.26E-10	2.62E-05	6.68E-07	1.72E-02	0.00E+00	1.29E-01	3.16E-10	1.29E-01	1.46E-01	1.72E-02	0.00E+00	0.00E+00	0.00E+00	1.01E-03
NF406A	2.98E-05	1.37E-02	2.59E-03	1.11E-02	0.00E+00	0.00E+00	1.61E-01	1.53E-07	1.48E-05	9.19E-05	0.00E+00	2.72E-04	1.23E-09	3.59E-11	1.66E-03	2.97E-05	9.13E-04	0.00E+00	1.93E-05	4.56E-03	1.06E-01	0.00E+00	1.43E-10	1.85E-10	2.15E-05	5.48E-07	1.41E-02	0.00E+00	1.06E-01	2.59E-10	1.06E-01	1.20E-01	1.41E-02	0.00E+00	0.00E+00	0.00E+00	8.30E-04
NF410A	3.72E-05	1.70E-02	3.20E-03	1.38E-02	0.00E+00	0.00E+00	1.99E-01	1.89E-07	1.83E-05	1.14E-04	0.00E+00	3.36E-04	1.52E-09	4.44E-11	2.05E-03	3.67E-05	1.13E-03	0.00E+00	2.39E-05	5.64E-03	1.31E-01	0.00E+00	1.77E-10	2.29E-10	2.65E-05	6.77E-07	1.74E-02	0.00E+00	1.31E-01	3.20E-10	1.31E-01	1.48E-01	1.74E-02	0.00E+00	0.00E+00	0.00E+00	1.03E-03
NF416A	3.06E-05	1.41E-02	2.66E-03	1.15E-02	0.00E+00	0.00E+00	1.65E-01	1.57E-07	1.52E-05	9.45E-05	0.00E+00	2.79E-04	1.26E-09	3.69E-11	1.70E-03	3.06E-05	9.39E-04	0.00E+00	1.99E-05	4.69E-03	1.09E-01	0.00E+00	1.47E-10	1.90E-10	2.21E-05	5.63E-07	1.45E-02	0.00E+00	1.09E-01	2.67E-10	1.09E-01	1.23E-01	1.45E-02	0.00E+00	0.00E+00	0.00E+00	8.53E-04
NF420A	3.89E-05	1.77E-02	3.33E-03	1.44E-02	0.00E+00	0.00E+00	2.07E-01	1.97E-07	1.90E-05	1.18E-04	0.00E+00	3.50E-04	1.58E-09	4.63E-11	2.14E-03	3.83E-05	1.18E-03	0.00E+00	2.49E-05	5.88E-03	1.36E-01	0.00E+00	1.84E-10	2.38E-10	2.77E-05	7.06E-07	1.82E-02	0.00E+00	1.36E-01	3.34E-10	1.36E-01	1.54E-01	1.82E-02	0.00E+00	0.00E+00	0.00E+00	1.07E-03
NF425A	4.28E-05	1.94E-02	3.65E-03	1.57E-02	0.00E+00	0.00E+00	2.27E-01	2.16E-07	2.09E-05	1.30E-04	0.00E+00	3.83E-04	1.73E-09	5.07E-11	2.34E-03	4.20E-05	1.29E-03	0.00E+00	2.73E-05	6.44E-03	1.49E-01	0.00E+00	2.02E-10	2.61E-10	3.03E-05	7.73E-07	1.99E-02	0.00E+00	1.49E-01	3.66E-10	1.49E-01	1.69E-01	1.99E-02	0.00E+00	0.00E+00	0.00E+00	1.17E-03
NF432A	5.40E-05	2.41E-02	4.55E-03	1.96E-02	0.00E+00	0.00E+00	2.82E-01	2.68E-07	2.60E-05	1.62E-04	0.00E+00	4.77E-04	2.16E-09	6.31E-11	2.92E-03	5.22E-05	1.61E-03	0.00E+00	3.40E-05	8.03E-03	1.86E-01	0.00E+00	2.51E-10	3.25E-10	3.78E-05	9.63E-07	2.48E-02	0.00E+00	1.86E-01	4.56E-10	1.86E-01	2.11E-01	2.48E-02	0.00E+00	0.00E+00	0.00E+00	1.46E-03
NF440A	7.98E-05	3.53E-02	6.65E-03	2.87E-02	0.00E+00	0.00E+00	4.13E-01	3.93E-07	3.80E-05	2.36E-04	0.00E+00	6.98E-04	3.16E-09	9.23E-11	4.27E-03	7.64E-05	2.36E-03	0.00E+00	4.97E-05	1.17E-02	2.72E-01	0.00E+00	3.67E-10	4.76E-10	5.52E-05	1.41E-06	3.63E-02	0.00E+00	2.72E-01	6.67E-10	2.72E-01	3.08E-01	3.63E-02	0.00E+00	0.00E+00	0.00E+00	2.14E-03
NF450A	3.77E-05	1.71E-02	3.23E-03	1.39E-02	0.00E+00	0.00E+00	2.01E-01	1.91E-07	1.85E-05	1.15E-04	0.00E+00	3.39E-04	1.53E-09	4.48E-11	2.07E-03	3.71E-05	1.14E-03	0.00E+00	2.41E-05	5.70E-03	1.32E-01	0.00E+00	1.78E-10	2.31E-10	2.68E-05	6.84E-07	1.76E-02	0.00E+00	1.32E-01	3.24E-10	1.32E-01	1.50E-01	1.76E-02	0.00E+00	0.00E+00	0.00E+00	1.04E-03
NF463A	6.70E-05	2.98E-02	5.60E-03	2.42E-02	0.00E+00	0.00E+00	3.48E-01	3.31E-07	3.20E-05	1.99E-04	0.00E+00	5.88E-04	2.66E-09	7.78E-11	3.59E-03	6.44E-05	1.98E-03	0.00E+00	4.19E-05	9.90E-03	2.29E-01	0.00E+00	3.10E-10	4.01E-10	4.65E-05	1.19E-06	3.05E-02	0.00E+00	2.29E-01	5.62E-10	2.29E-01	2.60E-01	3.05E-02	0.00E+00	0.00E+00	0.00E+00	1.80E-03
NFN113	8.51E-06	4.26E-03	8.02E-04	3.46E-03	0.00E+00	0.00E+00	4.98E-02	4.74E-08	4.59E-06	2.85E-05	0.00E+00	8.42E-05	3.81E-10	1.11E-11	5.14E-04	9.22E-06	2.83E-04	0.00E+00	6.00E-06	1.42E-03	3.28E-02	0.00E+00	4.43E-11	5.74E-11	6.66E-06	1.70E-07	4.37E-03	0.00E+00	3.28E-02	8.04E-11	3.28E-02	3.71E-02	4.37E-03	0.00E+00	0.00E+00	0.00E+00	2.57E-04

NFN132	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NFN140	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NFN150	1.54E-05	6.91E-03	1.30E-03	5.61E-03	0.00E+00	0.00E+00	8.08E-02	7.68E-08	7.44E-06	4.62E-05	0.00E+00	1.37E-04	6.18E-10	1.81E-11	8.34E-04	1.50E-05	4.60E-04	0.00E+00	9.73E-06	2.30E-03	5.32E-02	0.00E+00	7.19E-11	9.30E-11	1.08E-05	2.76E-07	7.09E-03	0.00E+00	5.32E-02	1.30E-10	5.32E-02	6.03E-02	7.09E-03	0.00E+00	0.00E+00	0.00E+00	4.18E-04
NFN163	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NFN206	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN210	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN220	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN225	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN232	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN240	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN250	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN263	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFN302	4.37E-05	1.95E-02	3.67E-03	1.58E-02	0.00E+00	0.00E+00	2.28E-01	2.17E-07	2.10E-05	1.30E-04	0.00E+00	3.86E-04	1.74E-09	5.10E-11	2.35E-03	4.22E-05	1.30E-03	0.00E+00	2.75E-05	6.48E-03	1.50E-01	0.00E+00	2.03E-10	2.63E-10	3.05E-05	7.78E-07	2.00E-02	0.00E+00	1.50E-01	3.68E-10	1.50E-01	1.70E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	1.18E-03
NFN310	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN320	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN325	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN350	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN363	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
NFN410	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN416	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN420	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN425	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN432	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN450	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN463	8.64E-05	3.83E-02	7.22E-03	3.11E-02	0.00E+00	0.00E+00	4.48E-01	4.26E-07	4.12E-05	2.56E-04	0.00E+00	7.58E-04	3.43E-09	1.00E-10	4.63E-03	8.29E-05	2.56E-03	0.00E+00	5.40E-05	1.27E-02	2.95E-01	0.00E+00	3.99E-10	5.16E-10	5.99E-05	1.53E-06	3.93E-02	0.00E+00	2.95E-01	7.23E-10	2.95E-01	3.34E-01	3.93E-02	0.00E+00	0.00E+00	0.00E+00	2.32E-03
NFN716	4.33E-05	1.92E-02	3.62E-03	1.56E-02	0.00E+00	0.00E+00	2.25E-01	2.13E-07	2.07E-05	1.28E-04	0.00E+00	3.80E-04	1.72E-09	5.02E-11	2.32E-03	4.15E-05	1.28E-03	0.00E+00	2.70E-05	6.38E-03	1.48E-01	0.00E+00	2.00E-10	2.59E-10	3.00E-05	7.66E-07	1.97E-02	0.00E+00	1.48E-01	3.62E-10	1.48E-01	1.67E-01	1.97E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFT306	4.10E-05	1.91E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.24E-01	2.13E-07	2.06E-05	1.28E-04	0.00E+00	3.78E-04	1.71E-09	5.00E-11	2.31E-03	4.14E-05	1.27E-03	0.00E+00	2.69E-05	6.35E-03	1.47E-01	0.00E+00	1.99E-10	2.58E-10	2.99E-05	7.63E-07	1.96E-02	0.00E+00	1.47E-01	3.61E-10	1.47E-01	1.67E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFT310	5.16E-05	2.37E-02	4.47E-03	1.93E-02	0.00E+00	0.00E+00	2.78E-01	2.64E-07	2.56E-05	1.59E-04	0.00E+00	4.69E-04	2.12E-09	6.21E-11	2.86E-03	5.14E-05	1.58E-03	0.00E+00	3.34E-05	7.89E-03	1.83E-01	0.00E+00	2.47E-10	3.20E-10	3.71E-05	9.47E-07	2.44E-02	0.00E+00	1.83E-01	4.48E-10	1.83E-01	2.07E-01	2.44E-02	0.00E+00	0.00E+00	0.00E+00	1.43E-03
NFT316	1.24E-04	5.09E-02	9.58E-03	4.13E-02	0.00E+00	0.00E+00	5.95E-01	5.65E-07	5.47E-05	3.40E-04	0.00E+00	1.01E-03	4.55E-09	1.33E-10	6.14E-03	1.10E-04	3.39E-03	0.00E+00	7.16E-05	1.69E-02	3.91E-01	0.00E+00	5.29E-10	6.85E-10	7.95E-05	2.03E-06	5.22E-02	0.00E+00	3.91E-01	9.60E-10	3.91E-01	4.44E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
NFT320	1.24E-04	5.09E-02	9.58E-03	4.13E-02	0.00E+00	0.00E+00	5.95E-01	5.65E-07	5.47E-05	3.40E-04	0.00E+00	1.01E-03	4.55E-09	1.33E-10	6.14E-03	1.10E-04	3.39E-03	0.00E+00	7.16E-05	1.69E-02	3.91E-01	0.00E+00	5.29E-10	6.85E-10	7.95E-05	2.03E-06	5.22E-02	0.00E+00	3.91E-01	9.60E-10	3.91E-01	4.44E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
NFT325	3.41E-05	1.62E-02	3.06E-03	1.32E-02	0.00E+00	0.00E+00	1.90E-01	1.81E-07	1.75E-05	1.09E-04	0.00E+00	3.21E-04	1.45E-09	4.25E-11	1.96E-03	3.52E-05	1.08E-03	0.00E+00	2.28E-05	5.39E-03	1.25E-01	0.00E+00	1.69E-10	2.19E-10	2.54E-05	6.48E-07	1.67E-02	0.00E+00	1.25E-01	3.06E-10	1.25E-01	1.42E-01	1.67E-02	0.00E+00	0.00E+00	0.00E+00	9.81E-04
NFT332	3.49E-05	1.66E-02	3.13E-03	1.35E-02	0.00E+00	0.00E+00	1.94E-01	1.85E-07	1.79E-05	1.11E-04	0.00E+00	3.28E-04	1.49E-09	4.34E-11	2.00E-03	3.59E-05	1.10E-03	0.00E+00	2.34E-05	5.51E-03	1.28E-01	0.00E+00	1.73E-10	2.24E-10	2.60E-05	6.62E-07	1.70E-02	0.00E+00	1.28E-01	3.13E-10	1.28E-01	1.45E-01	1.70E-02	0.00E+00	0.00E+00	0.00E+00	1.00E-03
NFT340	2.81E-05	1.36E-02	2.57E-03	1.10E-02	0.00E+00	0.00E+00	1.59E-01	1.51E-07	1.47E-05	9.11E-05	0.00E+00	2.69E-04	1.22E-09	3.56E-11	1.64E-03	2.95E-05	9.03E-04	0.00E+00	1.91E-05	4.52E-03	1.05E-01	0.00E+00	1.42E-10	1.83E-10	2.13E-05	5.43E-07	1.40E-02	0.00E+00	1.05E-01	2.57E-10	1.05E-01	1.19E-01	1.40E-02	0.00E+00	0.00E+00	0.00E+00	8.22E-04
NFT702	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT703	1.24E-05	6.03E-03	1.14E-03	4.90E-03	0.00E+00	0.00E+00	7.06E-02	6.71E-08	6.50E-06	4.04E-05	0.00E+00	1.19E-04	5.40E-10	1.58E-11	7.29E-04	1.31E-05	4.02E-04	0.00E+00	8.50E-06	2.01E-03	4.64E-02	0.00E+00	6.28E-11	8.13E-11	9.44E-06	2.41E-07	6.20E-03	0.00E+00	4.64E-02	1.14E-10	4.64E-02	5.26E-02	6.20E-03	0.00E+00	0.00E+00	0.00E+00	3.65E-04
NFT704	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT706	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT710	2.71E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT716	2.71E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT720	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT725	2.71E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT732	2.71E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT740	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NFT806	4.10E-05	1.91E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.24E-01	2.13E-07	2.06E-05	1.28E-04	0.00E+00	3.78E-04	1.71E-09	5.00E-11	2.31E-03	4.14E-05	1.27E-03	0.00E+00	2.69E-05	6.35E-03	1.47E-01	0.00E+00	1.99E-10	2.58E-10	2.99E-05	7.63E-07	1.96E-02	0.00E+00	1.47E-01	3.61E-10	1.47E-01	1.67E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NFT810	1.24E-04	5.09E-02	9.58E-03	4.13E-02	0.00E+00	0.00E+00	5.95E-01	5.65E-07	5.47E-05	3.40E-04	0.00E+00	1.01E-03	4.55E-09	1.33E-10	6.14E-03	1.10E-04	3.39E-03	0.00E+00	7.16E-05	1.69E-02	3.91E-01	0.00E+00	5.29E-10	6.85E-10	7.95E-05	2.03E-06	5.22E-02	0.00E+00	3.91E-01	9.60E-10	3.91E-01	4.44E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
NFT816	1.24E-04	5.09E-02	9.58E-03	4.13E-02	0.00E+00	0.00E+00	5.95E-01	5.65E-07	5.47E-05	3.40E-04	0.00E+00	1.01E-03	4.55E-09	1.33E-10	6.14E-03	1.10E-04	3.39E-03	0.00E+00	7.16E-05	1.69E-02	3.91E-01	0.00E+00	5.29E-10	6.85E-10	7.95E-05	2.03E-06	5.22E-02	0.00E+00	3.91E-01	9.60E-10	3.91E-01	4.44E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
NFT820	1.24E-04	5.09E-02	9.58E-03	4.13E-02	0.00E+00	0.00E+00	5.95E-01	5.65E-07	5.47E-05	3.40E-04	0.00E+00	1.01E-03	4.55E-09	1.33E-10	6.14E-03	1.10E-04	3.39E-03	0.00E+00	7.16E-05	1.69E-02	3.91E-01	0.00E+00	5.29E-10	6.85E-10	7.95E-05	2.03E-06	5.22E-02	0.00E+00	3.91E-01	9.60E-10	3.91E-01	4.44E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
NFT825	1.24E-04	5.09E-02	9.58E-03	4.13E-02	0.00E+00	0.00E+00	5.95E-01	5.65E-07	5.47E-05	3.40E-04	0.00E+00	1.01E-03	4.55E-09	1.33E-10	6.14E-03	1.10E-04	3.39E-03	0.00E+00	7.16E-05	1.69E-02	3.91E-01	0.00E+00	5.29E-10	6.85E-10	7.95E-05	2.03E-06	5.22E-02	0.00E+00	3.91E-01	9.60E-10	3.91E-01	4.44E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
NFT832	1.15E-04	5.09E-02	9.58E-03	4.13E-02	0.00E+00	0.00E+00	5.95E-01	5.65E-07	5.47E-05	3.40E-04	0.00E+00	1.01E-03	4.55E-09	1.33E-10	6.14E-03	1.10E-04	3.39E-03	0.00E+00	7.16E-05	1.69E-02	3.91E-01	0.00E+00	5.29E-10	6.85E-10	7.95E-05	2.03E-06	5.22E-02	0.00E+00	3.91E-01	9.60E-10	3.91E-01	4.44E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
NFT840	1.24E-04	5.09E-02	9.58E-03	4.13E-02	0.00E+00	0.00E+00	5.95E-01	5.65E-07	5.47E-05	3.40E-04	0.00E+00	1.01E-03	4.55E-09	1.33E-10	6.14E-03	1.10E-04	3.39E-03	0.00E+00	7.16E-05	1.69E-02	3.91E-01	0.00E+00	5.29E-10	6.85E-10	7.95E-05	2.03E-06	5.22E-02	0.00E+00	3.91E-01	9.60E-10	3.91E-01	4.44E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
NGN150	1.18E-05	5.37E-03	1.01E-03	4.36E-03	0.00E+00	0.00E+00	6.28E-02	5.97E-08	5.78E-06	3.59E-05	0.00E+00	1.06E-04	4.80E-10	1.40E-11	6.48E-04	1.16E-05	3.57E-04	0.00E+00	7.56E-06	1.78E-03	4.13E-02	0.00E+00	5.58E-11	7.23E-11	8.40E-06	2.14E-07	5.51E-03	0.00E+00	4.13E-02	1.01E-10	4.13E-02	4.68E-02	5.51E-03	0.00E+00	0.00E+00	0.00E+00	3.24E-04
NGN163	1.29E-05	5.88E-03	1.11E-03	4.77E-03	0.00E+00	0.00E+00	6.88E-02	6.54E-08	6.33E-06	3.93E-05	0.00E+00	1.16E-04	5.26E-10	1.54E-11	7.10E-04	1.27E-05	3.92E-04	0.00E+00	8.28E-06	1.95E-03	4.53E-02	0.00E+00	6.12E-11	7.92E-11	9.20E-06	2.35E-07	6.04E-03	0.00E+00	4.53E-02	1.11E-10	4.53E-02	5.13E-02	6.04E-03	0.00E+00	0.00E+00	0.00E+00	3.55E-04
NGT306	4.10E-05	1.91E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.24E-01	2.13E-07	2.06E-05	1.28E-04	0.00E+00	3.78E-04	1.71E-09	5.00E-11	2.31E-03	4.14E-05	1.27E-03	0.00E+00	2.69E-05	6.35E-03	1.47E-01	0.00E+00	1.99E-10	2.58E-10	2.99E-05	7.63E-07	1.96E-02	0.00E+00	1.47E-01	3.61E-10	1.47E-01	1.67E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NGT310	4.22E-05	1.97E-02	3.70E-03	1.59E-02	0.00E+00	0.00E+00	2.30E-01	2.19E-07	2.12E-05	1.32E-04	0.00E+00	3.89E-04	1.76E-09	5.14E-11	2.37E-03	4.26E-05	1.31E-03	0.00E+00	2.77E-05	6.53E-03	1.51E-01	0.00E+00	2.05E-10	2.65E-10	3.08E-05	7.84E-07	2.02E-02	0.00E+00	1.51E-01	3.71E-10	1.51E-01	1.71E-01	2.02E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
NGT316	3.39E-05	1.61E-02	3.04E-03	1.31E-02	0.00E+00	0.00E+00	1.89E-01	1.79E-07	1.74E-05	1.08E-04	0.00E+00	3.19E-04	1.44E-09	4.22E-11	1.95E-03	3.49E-05	1.07E-03	0.00E+00	2.27E-05	5.36E-03	1.24E-01	0.00E+00	1.68E-10	2.17E-10	2.52E-05	6.43E-07	1.66E-02	0.00E+00	1.24E-01	3.04E-10	1.24E-01	1.41E-01	1.66E-02	0.00E+00	0.00E+00	0.00E+00	9.74E-04
NGT320	5.44E-05	2.49E-02	4.70E-03	2.02E-02	0.00E+00	0.00E+00	2.92E-01	2.77E-07	2.68E-05	1.67E-04	0.00E+00	4.93E-04	2.23E-09	6.52E-11	3.01E-03	5.40E-05	1.66E-03	0.00E+00	3.51E-05	8.28E-03	1.92E-01	0.00E+00	2.59E-10	3.36E-10	3.90E-05	9.94E-07	2.56E-02	0.00E+00	1.92E-01	4.70E-10	1.92E-01	2.17E-01	2.56E-02	0.00E+00	0.00E+00	0.00E+00	1.51E-03
NGT325	1.86E-05	9.56E-03	1.81E-03	7.75E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.41E-05	0.00E+00	1.89E-04	8.57E-10	2.50E-11	1.15E-03	2.07E-05	6.32E-04	0.00E+00	1.34E-05	3.17E-03	7.37E-02	0.00E+00	9.96E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.37E-02	1.81E-10	7.37E-02	8.35E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.77E-04
NGT332	3.70E-05	1.75E-02	3.30E-03	1.42E-02	0.00E+00	0.00E+00	2.05E-01	1.95E-07	1.88E-05	1.17E-04	0.00E+00	3.46E-04	1.57E-09	4.58E-11	2.11E-03	3.79E-05	1.16E-03	0.00E+00	2.46E-05	5.81E-03	1.35E-01	0.00E+00	1.82E-10	2.36E-10	2.74E-05	6.98E-07	1.80E-02	0.00E+00	1.35E-01	3.30E-10	1.35E-01	1.53E-01	1.80E-02	0.00E+00	0.00E+00	0.00E+00	1.06E-03
NGT340	4.08E-05	1.91E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.23E-01	2.12E-07	2.06E-05	1.28E-04	0.00E+00	3.78E-04	1.71E-09	4.99E-11	2.30E-03	4.13E-05	1.27E-03	0.00E+00	2.69E-05	6.34E-03	1.47E-01	0.00E+00	1.99E-10	2.57E-10	2.99E-05	7.62E-07	1.96E-02	0.00E+00	1.47E-01	3.60E-10	1.47E-01	1.67E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
NGT702	1.24E-05	5.69E-03	1.07E-03	4.62E-03	0.00E+00	0.00E+00	6.65E-02	6.32E-08	6.12E-06	3.81E-05	0.00E+00	1.12E-04	5.09E-10	1.49E-11	6.87E-04	1.23E-05	3.79E-04	0.00E+00	8.01E-06	1.89E-03	4.38E-02	0.00E+00	5.92E-11	7.66E-11	8.90E-06	2.27E-07	5.84E-03	0.00E+00	4.38E-02	1.07E-10	4.38E-02	4.96E-02	5.84E-03	0.00E+00	0.00E+00	0.00E+00	3.44E-04
NGT703	1.16E-05	5.71E-03	1.08E-03	4.63E-03	0.00E+00	0.00E+00	6.68E-02	6.35E-08	6.15E-06	3.82E-05	0.00E+00	1.13E-04	5.11E-10	1.49E-11	6.89E-04	1.24E-05	3.80E-04	0.00E+00	8.04E-06	1.90E-03	4.39E-02	0.00E+00	5.94E-11	7.69E-11	8.93E-06	2.28E-07	5.86E-03	0.00E+00	4.39E-02	1.08E-10	4.39E-02	4.98E-02	5.86E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
NGT704	1.16E-05	5.71E-03	1.08E-03	4.63E-03	0.00E+00	0.00E+00	6.68E-02	6.35E-08	6.14E-06	3.82E-05	0.00E+00	1.13E-04	5.11E-10	1.49E-11	6.89E-04	1.24E-05	3.80E-04	0.00E+00	8.03E-06	1.90E-03	4.39E-02	0.00E+00	5.94E-11	7.69E-11	8.93E-06	2.28E-07	5.86E-03	0.00E+00	4.39E-02	1.08E-10	4.39E-02	4.98E-02	5.86E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
NGT706	1.25E-05	5.71E-03	1.08E-03	4.63E-03	0.00E+00	0.00E+00	6.68E-02	6.34E-08	6.14E-06	3.82E-05	0.00E+00	1.13E-04	5.11E-10	1.49E-11	6.89E-04	1.24E-05	3.80E-04	0.00E+00	8.03E-06	1.90E-03	4.39E-02	0.00E+00	5.94E-11	7.68E-11	8.93E-06	2.28E-07	5.86E-03	0.00E+00	4.39E-02	1.08E-10	4.39E-02	4.98E-02	5.86E-03	0.00E+00	0.00E+00	0.00E+00	3.45E-04
NGT710	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NGT716	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NGT720	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NGT725	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NGT732	2.51E-05	1.11E-02	2.09E-03	9.03E-03	0.00E+00	0.00E+00	1.30E-01	1.24E-07	1.20E-05	7.44E-05	0.00E+00	2.20E-04	9.95E-10	2.91E-11	1.34E-03	2.41E-05	7.42E-04	0.00E+00	1.57E-05	3.70E-03	8.56E-02	0.00E+00	1.16E-10	1.50E-10	1.74E-05	4.44E-07	1.14E-02	0.00E+00	8.56E-02	2.10E-10	8.56E-02	9.70E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.72E-04
NGT740	2.50E-05	1.11E-02	2.09E-03	8.99E-03	0.00E+00	0.00E+00	1.30E-01	1.23E-07	1.19E-05	7.41E-05	0.00E+00	2.19E-04	9.91E-10	2.90E-11	1.34E-03	2.40E-05	7.39E-04	0.00E+00	1.56E-05	3.68E-03	8.52E-02	0.00E+00	1.15E-10	1.49E-10	1.73E-05	4.42E-07	1.14E-02	0.00E+00	8.52E-02	2.09E-10	8.52E-02	9.66E-02	1.14E-02	0.00E+00	0.00E+00	0.00E+00	6.70E-04
NGT806	4.10E-05	1.91E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.24E-01	2.13E-07	2.06E-05	1.28E-04	0.00E+00	3.78E-04	1.71E-09	5.00E-11	2.31E-03	4.14E-05	1.27E-03	0.00E+00	2.69E-05	6.35E-03	1.47E-01	0.00E+00	1.99E-10	2.58E-10	2.99E-05	7.63E-07	1.96E-02	0.00E+00	1.47E-01	3.61E-10	1.47E-01	1.67E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.16E-03
NGT810	1.14E-04	5.08E-02	9.56E-03	4.12E-02	0.00E+00	0.00E+00	5.93E-01	5.64E-07	5.46E-05	3.40E-04	0.00E+00	1.00E-03	4.54E-09	1.33E-10	6.13E-03	1.10E-04	3.38E-03	0.00E+00	7.15E-05	1.69E-02	3.90E-01	0.00E+00	5.28E-10	6.83E-10	7.94E-05	2.02E-06	5.21E-02	0.00E+00	3.90E-01	9.58E-10	3.90E-01	4.43E-01	5.21E-02	0.00E+00	0.00E+00	0.00E+00	3.07E-03
NGT816	1.15E-04	5.09E-02	9.58E-03	4.13E-02	0.00E+00	0.00E+00	5.95E-01	5.65E-07	5.47E-05	3.40E-04	0.00E+00	1.01E-03	4.55E-09	1.33E-10	6.14E-03	1.10E-04	3.39E-03	0.00E+00	7.16E-05	1.69E-02	3.91E-01	0.00E+00	5.29E-10	6.85E-10	7.95E-05	2.03E-06	5.22E-02	0.00E+00	3.91E-01	9.60E-10	3.91E-01	4.44E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
NGT820	1.15E-04	5.09E-02	9.58E-03	4.13E-02	0.00E+00	0.00E+00	5.95E-01	5.65E-07	5.47E-05	3.40E-04	0.00E+00	1.01E-03	4.55E-09	1.33E-10	6.14E-03	1.10E-04	3.39E-03	0.00E+00	7.16E-05	1.69E-02	3.91E-01	0.00E+00	5.29E-10	6.85E-10	7.95E-05	2.03E-06	5.22E-02	0.00E+00	3.91E-01	9.60E-10	3.91E-01	4.44E-01	5.22E-02	0.00E+00	0.00E+00	0.00E+00	3.08E-03
NGT825	1.14E-04	5.08E-02	9.56E-03	4.12E-02	0.00E+00	0.00E+00	5.93E-01	5.64E-07	5.46E-05	3.40E-04	0.00E+00	1.00E-03	4.54E-09	1.33E-10	6.13E-03	1.10E-04	3.38E-03	0.00E+00	7.15E-05	1.69E-02	3.90E-01	0.00E+00	5.28E-10	6.83E-10	7.94E-05	2.02E-06	5.21E-02	0.00E+00	3.90E-01	9.58E-10	3.90E-01	4.43E-01	5.21E-02	0.00E+00	0.00E+00	0.00E+00	3.07E-03
NGT832	1.14E-04	5.08E-02	9.56E-03	4.12E-02	0.00E+00	0.00E+00	5.93E-01	5.64E-07	5.46E-05	3.40E-04	0.00E+00	1.00E-03	4.54E-09	1.33E-10	6.13E-03	1.10E-04	3.38E-03	0.00E+00	7.15E-05	1.69E-02	3.90E-01	0.00E+00	5.28E-10	6.83E-10	7.94E-05	2.02E-06	5.21E-02	0.00E+00	3.90E-01	9.58E-10	3.90E-01	4.43E-01	5.21E-02	0.00E+00	0.00E+00	0.00E+00	3.07E-03
NGT840	1.14E-04	5.08E-02	9.56E-03	4.12E-02	0.00E+00	0.00E+00	5.93E-01	5.64E-07	5.46E-05	3.40E-04	0.00E+00	1.00E-03	4.54E-09	1.33E-10	6.13E-03	1.10E-04	3.38E-03	0.00E+00	7.15E-05	1.69E-02	3.90E-01	0.00E+00	5.28E-10	6.83E-10	7.94E-05	2.02E-06	5.21E-02	0.00E+00	3.90E-01	9.58E-10	3.90E-01	4.43E-01	5.21E-02	0.00E+00	0.00E+00	0.00E+00	3.07E-03
NKN110	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NKN125	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
NKN150	9.07E-06	4.20E-03	7.92E-04	3.41E-03	0.00E+00	0.00E+00	4.92E-02	4.67E-08	4.53E-06	2.81E-05	0.00E+00	8.32E-05	3.76E-10	1.10E-11	5.08E-04	9.10E-06	2.80E-04	0.00E+00	5.92E-06	1.40E-03	3.24E-02	0.00E+00	4.37E-11	5.66E-11	6.58E-06	1.68E-07	4.32E-03	0.00E+00	3.24E-02	7.93E-11	3.24E-02	3.67E-02	4.32E-03	0.00E+00	0.00E+00	0.00E+00	2.54E-04
NKN163	1.20E-05	5.48E-03	1.03E-03	4.45E-03	0.00E+00	0.00E+00	6.41E-02	6.09E-08	5.90E-06	3.67E-05	0.00E+00	1.08E-04	4.91E-10	1.43E-11	6.62E-04	1.19E-05	3.65E-04	0.00E+00	7.72E-06	1.82E-03	4.22E-02	0.00E+00	5.70E-11	7.38E-11	8.57E-06	2.19E-07	5.63E-03	0.00E+00	4.22E-02	1.03E-10	4.22E-02	4.78E-02	5.63E-03	0.00E+00	0.00E+00	0.00E+00	3.31E-04
NKN210	5.72E-05	2.54E-02	4.78E-03	2.06E-02	0.00E+00	0.00E+00	2.97E-01	2.82E-07	2.73E-05	1.70E-04	0.00E+00	5.02E-04	2.27E-09	6.64E-11	3.07E-03	5.49E-05	1.69E-03	0.00E+00	3.57E-05	8.44E-03	1.95E-01	0.00E+00	2.64E-10	3.42E-10	3.97E-05	1.01E-06	2.61E-02	0.00E+00	1.95E-01	4.79E-10	1.95E-01	2.21E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03

	NKN216	5.72E-05	2.54E-02	4.78E-03	2.06E-02	0.00E+00	0.00E+00	2.97E-01	2.82E-07	2.73E-05	1.70E-04	0.00E+00	5.02E-04	2.27E-09	6.64E-11	3.07E-03	5.49E-05	1.69E-03	0.00E+00	3.57E-05	8.44E-03	1.95E-01	0.00E+00	2.64E-10	3.42E-10	3.97E-05	1.01E-06	2.61E-02	0.00E+00	1.95E-01	4.79E-10	1.95E-01	2.21E-01	2.61E-02	0.00E+00	0.00E+00	0.00E+00	1.53E-03
	NKN416	6.60E-05	2.93E-02	5.52E-03	2.38E-02	0.00E+00	0.00E+00	3.43E-01	3.26E-07	3.15E-05	1.96E-04	0.00E+00	5.79E-04	2.62E-09	7.66E-11	3.54E-03	6.34E-05	1.95E-03	0.00E+00	4.12E-05	9.74E-03	2.25E-01	0.00E+00	3.05E-10	3.94E-10	4.58E-05	1.17E-06	3.01E-02	0.00E+00	2.25E-01	5.53E-10	2.25E-01	2.55E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
	NKN432	6.60E-05	2.93E-02	5.52E-03	2.38E-02	0.00E+00	0.00E+00	3.43E-01	3.26E-07	3.15E-05	1.96E-04	0.00E+00	5.79E-04	2.62E-09	7.66E-11	3.54E-03	6.34E-05	1.95E-03	0.00E+00	4.12E-05	9.74E-03	2.25E-01	0.00E+00	3.05E-10	3.94E-10	4.58E-05	1.17E-06	3.01E-02	0.00E+00	2.25E-01	5.53E-10	2.25E-01	2.55E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
	NKN440	6.60E-05	2.93E-02	5.52E-03	2.38E-02	0.00E+00	0.00E+00	3.43E-01	3.26E-07	3.15E-05	1.96E-04	0.00E+00	5.79E-04	2.62E-09	7.66E-11	3.54E-03	6.34E-05	1.95E-03	0.00E+00	4.12E-05	9.74E-03	2.25E-01	0.00E+00	3.05E-10	3.94E-10	4.58E-05	1.17E-06	3.01E-02	0.00E+00	2.25E-01	5.53E-10	2.25E-01	2.55E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
	NKN463	6.60E-05	2.93E-02	5.52E-03	2.38E-02	0.00E+00	0.00E+00	3.43E-01	3.26E-07	3.15E-05	1.96E-04	0.00E+00	5.79E-04	2.62E-09	7.66E-11	3.54E-03	6.34E-05	1.95E-03	0.00E+00	4.12E-05	9.74E-03	2.25E-01	0.00E+00	3.05E-10	3.94E-10	4.58E-05	1.17E-06	3.01E-02	0.00E+00	2.25E-01	5.53E-10	2.25E-01	2.55E-01	3.01E-02	0.00E+00	0.00E+00	0.00E+00	1.77E-03
	NQN110	5.03E-05	2.18E-02	4.11E-03	1.77E-02	0.00E+00	0.00E+00	2.55E-01	2.43E-07	2.35E-05	1.46E-04	0.00E+00	4.32E-04	1.95E-09	5.71E-11	2.64E-03	4.72E-05	1.46E-03	0.00E+00	3.08E-05	7.26E-03	1.68E-01	0.00E+00	2.27E-10	2.94E-10	3.41E-05	8.71E-07	2.24E-02	0.00E+00	1.68E-01	4.12E-10	1.68E-01	1.90E-01	2.24E-02	0.00E+00	0.00E+00	0.00E+00	1.32E-03
	NQN116	6.08E-05	2.64E-02	4.96E-03	2.14E-02	0.00E+00	0.00E+00	3.08E-01	2.93E-07	2.84E-05	1.76E-04	0.00E+00	5.21E-04	2.36E-09	6.89E-11	3.18E-03	5.70E-05	1.76E-03	0.00E+00	3.71E-05	8.77E-03	2.03E-01	0.00E+00	2.74E-10	3.55E-10	4.12E-05	1.05E-06	2.70E-02	0.00E+00	2.03E-01	4.97E-10	2.03E-01	2.30E-01	2.70E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-03
	NQN210	8.62E-05	3.78E-02	7.11E-03	3.06E-02	0.00E+00	0.00E+00	4.41E-01	4.20E-07	4.06E-05	2.52E-04	0.00E+00	7.46E-04	3.38E-09	9.87E-11	4.56E-03	8.16E-05	2.52E-03	0.00E+00	5.32E-05	1.26E-02	2.90E-01	0.00E+00	3.92E-10	5.08E-10	5.90E-05	1.51E-06	3.87E-02	0.00E+00	2.90E-01	7.12E-10	2.90E-01	3.29E-01	3.87E-02	0.00E+00	0.00E+00	0.00E+00	2.28E-03
	NQN306	1.12E-04	4.90E-02	9.23E-03	3.98E-02	0.00E+00	0.00E+00	5.73E-01	5.45E-07	5.28E-05	3.28E-04	0.00E+00	9.69E-04	4.39E-09	1.28E-10	5.92E-03	1.06E-04	3.27E-03	0.00E+00	6.91E-05	1.63E-02	3.77E-01	0.00E+00	5.10E-10	6.60E-10	7.67E-05	1.96E-06	5.03E-02	0.00E+00	3.77E-01	9.25E-10	3.77E-01	4.28E-01	5.03E-02	0.00E+00	0.00E+00	0.00E+00	2.97E-03
	NQN320	1.18E-04	5.16E-02	9.72E-03	4.19E-02	0.00E+00	0.00E+00	6.04E-01	5.74E-07	5.56E-05	3.45E-04	0.00E+00	1.02E-03	4.62E-09	1.35E-10	6.24E-03	1.12E-04	3.45E-03	0.00E+00	7.27E-05	1.72E-02	3.97E-01	0.00E+00	5.37E-10	6.95E-10	8.07E-05	2.06E-06	5.30E-02	0.00E+00	3.97E-01	9.74E-10	3.97E-01	4.50E-01	5.30E-02	0.00E+00	0.00E+00	0.00E+00	3.12E-03
	NRN116	4.57E-05	1.99E-02	3.74E-03	1.61E-02	0.00E+00	0.00E+00	2.32E-01	2.21E-07	2.14E-05	1.33E-04	0.00E+00	3.93E-04	1.78E-09	5.19E-11	2.40E-03	4.30E-05	1.33E-03	0.00E+00	2.80E-05	6.61E-03	1.53E-01	0.00E+00	2.07E-10	2.67E-10	3.11E-05	7.92E-07	2.04E-02	0.00E+00	1.53E-01	3.75E-10	1.53E-01	1.73E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	1.20E-03
	NRN325	1.34E-04	5.84E-02	1.10E-02	4.74E-02	0.00E+00	0.00E+00	6.83E-01	6.50E-07	6.29E-05	3.91E-04	0.00E+00	1.16E-03	5.23E-09	1.53E-10	7.06E-03	1.26E-04	3.90E-03	0.00E+00	8.23E-05	1.94E-02	4.50E-01	0.00E+00	6.08E-10	7.87E-10	9.14E-05	2.33E-06	6.00E-02	0.00E+00	4.50E-01	1.10E-09	4.50E-01	5.10E-01	6.00E-02	0.00E+00	0.00E+00	0.00E+00	3.53E-03
	NRN363	1.11E-04	4.87E-02	9.16E-03	3.95E-02	0.00E+00	0.00E+00	5.69E-01	5.41E-07	5.24E-05	3.26E-04	0.00E+00	9.62E-04	4.35E-09	1.27E-10	5.88E-03	1.05E-04	3.25E-03	0.00E+00	6.86E-05	1.62E-02	3.74E-01	0.00E+00	5.06E-10	6.55E-10	7.61E-05	1.94E-06	5.00E-02	0.00E+00	3.74E-01	9.19E-10	3.74E-01	4.24E-01	5.00E-02	0.00E+00	0.00E+00	0.00E+00	2.94E-03
	NRN410	1.61E-04	7.01E-02	1.32E-02	5.69E-02	0.00E+00	0.00E+00	8.19E-01	7.79E-07	7.54E-05	4.69E-04	0.00E+00	1.38E-03	6.27E-09	1.83E-10	8.46E-03	1.52E-04	4.68E-03	0.00E+00	9.87E-05	2.33E-02	5.39E-01	0.00E+00	7.28E-10	9.43E-10	1.10E-04	2.79E-06	7.19E-02	0.00E+00	5.39E-01	1.32E-09	5.39E-01	6.11E-01	7.19E-02	0.00E+00	0.00E+00	0.00E+00	4.24E-03
	NSN332	3.15E-05	1.43E-02	2.69E-03	1.16E-02	0.00E+00	0.00E+00	1.67E-01	1.59E-07	1.54E-05	9.57E-05	0.00E+00	2.83E-04	1.28E-09	3.74E-11	1.73E-03	3.10E-05	9.52E-04	0.00E+00	2.01E-05	4.75E-03	1.10E-01	0.00E+00	1.49E-10	1.93E-10	2.24E-05	5.71E-07	1.47E-02	0.00E+00	1.10E-01	2.70E-10	1.10E-01	1.25E-01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	8.65E-04
	NSN363	3.13E-05	1.43E-02	2.69E-03	1.16E-02	0.00E+00	0.00E+00	1.67E-01	1.59E-07	1.54E-05	9.57E-05	0.00E+00	2.83E-04	1.28E-09	3.74E-11	1.73E-03	3.10E-05	9.52E-04	0.00E+00	2.01E-05	4.75E-03	1.10E-01	0.00E+00	1.49E-10	1.93E-10	2.24E-05	5.70E-07	1.47E-02	0.00E+00	1.10E-01	2.70E-10	1.10E-01	1.25E-01	1.47E-02	0.00E+00	0.00E+00	0.00E+00	8.64E-04
	NSN416	1.64E-04	7.11E-02	1.34E-02	5.77E-02	0.00E+00	0.00E+00	8.31E-01	7.90E-07	7.65E-05	4.76E-04	0.00E+00	1.41E-03	6.36E-09	1.86E-10	8.59E-03	1.54E-04	4.75E-03	0.00E+00	1.00E-04	2.37E-02	5.47E-01	0.00E+00	7.39E-10	9.57E-10	1.11E-04	2.84E-06	7.30E-02	0.00E+00	5.47E-01	1.34E-09	5.47E-01	6.20E-01	7.30E-02	0.00E+00	0.00E+00	0.00E+00	4.30E-03
	YZB110	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
	YZC110	4.38E-05	1.91E-02	3.60E-03	1.55E-02	0.00E+00	0.00E+00	2.23E-01	2.12E-07	2.05E-05	1.28E-04	0.00E+00	3.77E-04	1.71E-09	4.99E-11	2.31E-03	4.13E-05	1.27E-03	0.00E+00	2.69E-05	6.35E-03	1.47E-01	0.00E+00	1.99E-10	2.57E-10	2.99E-05	7.62E-07	1.96E-02	0.00E+00	1.47E-01	3.60E-10	1.47E-01	1.67E-01	1.96E-02	0.00E+00	0.00E+00	0.00E+00	1.15E-03
	YZB116	2.16E-05	9.56E-03	1.80E-03	7.76E-03	0.00E+00	0.00E+00	1.12E-01	1.06E-07	1.03E-05	6.40E-05	0.00E+00	1.89E-04	8.56E-10	2.50E-11	1.16E-03	2.07E-05	6.38E-04	0.00E+00	1.35E-05	3.18E-03	7.36E-02	0.00E+00	9.95E-11	1.29E-10	1.50E-05	3.81E-07	9.82E-03	0.00E+00	7.36E-02	1.80E-10	7.36E-02	8.34E-02	9.82E-03	0.00E+00	0.00E+00	0.00E+00	5.78E-04
	YZC116	1.20E-05	5.45E-03	1.03E-03	4.42E-03	0.00E+00	0.00E+00	6.37E-02	6.06E-08	5.86E-06	3.65E-05	0.00E+00	1.08E-04	4.87E-10	1.42E-11	6.58E-04	1.18E-05	3.63E-04	0.00E+00	7.67E-06	1.81E-03	4.19E-02	0.00E+00	5.67E-11	7.34E-11	8.52E-06	2.17E-07	5.59E-03	0.00E+00	4.19E-02	1.03E-10	4.19E-02	4.75E-02	5.59E-03	0.00E+00	0.00E+00	0.00E+00	3.29E-04
	YZB120	1.03E-05	4.73E-03	8.92E-04	3.84E-03	0.00E+00	0.00E+00	5.54E-02	5.26E-08	5.10E-06	3.17E-05	0.00E+00	9.37E-05	4.24E-10	1.24E-11	5.72E-04	1.02E-05	3.15E-04	0.00E+00	6.66E-06	1.57E-03	3.64E-02	0.00E+00	4.93E-11	6.38E-11	7.41E-06	1.89E-07	4.86E-03	0.00E+00	3.64E-02	8.93E-11	3.64E-02	4.13E-02	4.86E-03	0.00E+00	0.00E+00	0.00E+00	2.86E-04
	YZC120	3.00E-07	3.46E-04	6.63E-05	2.80E-04	0.00E+00	0.00E+00	4.11E-03	3.88E-09	3.78E-07	2.34E-06	0.00E+00	6.95E-06	3.15E-11	9.18E-13	4.16E-05	7.62E-07	2.20E-05	0.00E+00	4.84E-07	1.14E-04	2.69E-03	0.00E+00	3.65E-12	4.70E-12	5.48E-07	1.39E-08	3.58E-04	0.00E+00	2.69E-03	6.56E-12	2.69E-03	3.05E-03	3.58E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-05
	YZB125	1.66E-05	7.44E-03	1.40E-03	6.04E-03	0.00E+00	0.00E+00	8.70E-02	8.27E-08	8.01E-06	4.98E-05	0.00E+00	1.47E-04	6.65E-10	1.94E-11	8.98E-04	1.61E-05	4.96E-04	0.00E+00	1.05E-05	2.47E-03	5.72E-02	0.00E+00	7.74E-11	1.00E-10	1.16E-05	2.97E-07	7.63E-03	0.00E+00	5.72E-02	1.40E-10	5.72E-02	6.49E-02	7.63E-03	0.00E+00	0.00E+00	0.00E+00	4.50E-04
	YZC125	1.97E-05	8.75E-03	1.65E-03	7.10E-03	0.00E+00	0.00E+00	1.02E-01	9.72E-08	9.41E-06	5.85E-05	0.00E+00	1.73E-04	7.82E-10	2.29E-11	1.06E-03	1.89E-05	5.83E-04	0.00E+00	1.23E-05	2.91E-03	6.73E-02	0.00E+00	9.09E-11	1.18E-10	1.37E-05	3.49E-07	8.98E-03	0.00E+00	6.73E-02	1.65E-10	6.73E-02	7.63E-02	8.98E-03	0.00E+00	0.00E+00	0.00E+00	5.29E-04
	YZB316	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
	YZC316	4.36E-05	1.96E-02	3.70E-03	1.59E-02	0.00E+00	0.00E+00	2.29E-01	2.18E-07	2.11E-05	1.31E-04	0.00E+00	3.88E-04	1.76E-09	5.13E-11	2.37E-03	4.25E-05	1.31E-03	0.00E+00	2.76E-05	6.52E-03	1.51E-01	0.00E+00	2.04E-10	2.64E-10	3.07E-05	7.83E-07	2.01E-02	0.00E+00	1.51E-01	3.70E-10	1.51E-01	1.71E-01	2.01E-02	0.00E+00	0.00E+00	0.00E+00	1.19E-03
	YZB320	7.83E-05	3.46E-02	6.51E-03	2.81E-02	0.00E+00	0.00E+00	4.04E-01	3.84E-07	3.72E-05	2.31E-04	0.00E+00	6.84E-04	3.09E-09	9.04E-11	4.18E-03	7.48E-05	2.31E-03	0.00E+00	4.87E-05	1.15E-02	2.66E-01	0.00E+00	3.60E-10	4.65E-10	5.41E-05	1.38E-06	3.55E-02	0.00E+00	2.66E-01	6.52E-10	2.66E-01	3.01E-01	3.55E-02	0.00E+00	0.00E+00	0.00E+00	2.09E-03
	YZC320	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
	YZB325	2.87E-05	1.32E-02	2.49E-03	1.07E-02	0.00E+00	0.00E+00	1.55E-01	1.47E-07	1.42E-05	8.84E-05	0.00E+00	2.61E-04	1.18E-09	3.45E-11	1.59E-03	2.86E-05	8.79E-04	0.00E+00	1.86E-05	4.39E-03	1.02E-01	0.00E+00	1.37E-10	1.78E-10	2.07E-05	5.27E-07	1.36E-02	0.00E+00	1.02E-01	2.49E-10	1.02E-01	1.15E-01	1.36E-02	0.00E+00	0.00E+00	0.00E+00	7.98E-04
	YZC325	6.49E-05	2.88E-02	5.42E-03	2.33E-02	0.00E+00	0.00E+00	3.36E-01	3.20E-07	3.10E-05	1.92E-04	0.00E+00	5.69E-04	2.57E-09	7.52E-11	3.47E-03	6.22E-05	1.92E-03	0.00E+00	4.05E-05	9.56E-03	2.21E-01	0.00E+00	2.99E-10	3.87E-10	4.50E-05	1.15E-06	2.95E-02	0.00E+00	2.21E-01	5.43E-10	2.21E-01	2.51E-01	2.95E-02	0.00E+00	0.00E+00	0.00E+00	1.74E-03
	VKS01SG	3.38E-05	1.50E-02	2.82E-03	1.22E-02	0.00E+00	0.00E+00	1.75E-01	1.67E-07	1.61E-05	1.00E-04	0.00E+00	2.96E-04	1.34E-09	3.92E-11	1.81E-03	3.24E-05	1.01E-03	9.84E-06	2.12E-05	5.00E-03	1.15E-01	0.00E+00	1.56E-10	2.02E-10	2.34E-05	5.99E-07	1.54E-02	0.00E+00	1.15E-01	2.83E-10	1.15E-01	1.31E-01	1.54E-02	0.00E+00	0.00E+00	0.00E+00	9.09E-04
	VKS03SF	1.42E-04	6.32E-02	1.19E-02	5.13E-02	0.00E+00	0.00E+00	7.39E-01	7.02E-07	6.80E-05	4.23E-04	0.00E+00	1.25E-03	5.65E-09	1.65E-10	7.63E-03	1.37E-04	4.21E-03	0.00E+00	8.90E-05	2.10E-02	4.86E-01	0.00E+00	6.57E-10	8.51E-10	9.88E-05	2.52E-06	6.49E-02	0.00E+00	4.86E-01	1.19E-09	4.86E-01	5.51E-01	6.49E-02	0.00E+00	0.00E+00	0.00E+00	3.82E-03
	VKS04SD	2.57E-04	1.14E-01	2.14E-02	9.24E-02	0.00E+00	0.00E+00	1.33E+00	1.27E-06	1.23E-04	7.62E-04	0.00E+00	2.25E-03	1.02E-08	2.98E-10	1.37E-02	2.46E-04	7.59E-03	0.00E+00	1.60E-04	3.79E-02	8.76E-01	0.00E+00	1.18E-09	1.53E-09	1.78E-04	4.54E-06	1.17E-01	0.00E+00	8.76E-01	2.15E-09	8.76E-01	9.93E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	6.88E-03
	VKS05SK	2.57E-04	1.14E-01	2.14E-02	9.24E-02	0.00E+00	0.00E+00	1.33E+00	1.27E-06	1.23E-04	7.62E-04	0.00E+00	2.25E-03	1.02E-08	2.98E-10	1.37E-02	2.46E-04	7.59E-03	0.00E+00	1.60E-04	3.79E-02	8.76E-01	0.00E+00	1.18E-09	1.53E-09	1.78E-04	4.54E-06	1.17E-01	0.00E+00	8.76E-01	2.15E-09	8.76E-01	9.93E-01	1.17E-01	0.00E+00	0.00E+00	0.00E+00	6.88E-03
	VKS06SV	2.45E-04	1.09E-01	2.05E-02	8.82E-02	0.00E+00	0.00E+00	1.27E+00	1.21E-06	1.17E-04	7.27E-04	0.00E+00	2.15E-03	9.72E-09	2.84E-10	1.31E-02	2.35E-04	7.25E-03	0.00E+00	1.53E-04	3.61E-02	8.36E-01	0.00E+00	1.13E-09	1.46E-09	1.70E-04	4.34E-06	1.12E-01	0.00E+00	8.36E-01	2.05E-09	8.36E-01	9.48E-01	1.12E-01	0.00E+00	0.00E+00	0.00E+00	6.57E-03
	VKS08SC	3.37E-04	1.49E-01	2.81E-02	1.21E-01	0.00E+00	0.00E+00	1.75E+00	1.66E-06	1.61E-04	1.00E-03	0.00E+00	2.95E-03	1.34E-08	3.91E-10	1.80E-02	3.23E-04	9.97E-03	0.00E+00	2.10E-04	4.97E-02	1.15E+00	0.00E+00	1.55E-09	2.01E-09	2.34E-04	5.96E-06	1.53E-01	0.00E+00	1.15E+00	2.82E-09	1.15E+00	1.30E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	9.04E-03
	VKS12SJ	5.52E-05	2.45E-02	4.61E-03	1.99E-02	0.00E+00	0.00E+00	2.86E-01	2.72E-07	2.63E-05	1.64E-04	0.00E+00	4.84E-04	2.19E-09	6.40E-11	2.96E-03	5.29E-05	1.64E-03	9.84E-06	3.45E-05	8.16E-03	1.88E-01	0.00E+00	2.55E-10	3.30E-10	3.83E-05	9.77E-07	2.51E-02	0.00E+00	1.88E-01	4.62E-10	1.88E-01	2.14E-01	2.51E-02	0.00E+00	0.00E+00	0.00E+00	1.48E-03
Use B1-B7	MBN116	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
	HLE180S	1.32E-02	2.58E+00	4.74E-03	2.57E+00	0.00E+00	0.00E+00	4.87E+00	6.78E-06	1.61E-03	2.58E-02	0.00E+00	1.13E-01	3.24E-10	7.74E-09	3.70E+00	7.13E-02	0.00E+00	0.00E+00	4.64E-03	4.35E-01	6.50E+01	0.00E+00	1.25E-08	1.06E-07	5.06E-03	9.98E-05	1.72E+01	0.00E+00	6.50E+01	9.11E-07	6.50E+01	8.22E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
	HLE280S	2.56E-02	4.99E+00	9.19E-03	4.98E+00	0.00E+00	0.00E+00	9.43E+00	1.31E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.28E-10	1.50E-08	7.18E+00	1.38E-01	0.00E+00	0.00E+00	8.99E-03	8.43E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.81E-03	1.93E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.59E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
	HLE290S	3.49E-02	6.81E+00	1.25E-02	6.79E+00	0.00E+00	0.00E+00	1.29E+01	1.79E-05	4.25E-03	6.82E-02	0.00E+00	2.98E-01	8.56E-10	2.04E-08	9.79E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
	HLE380S	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
	HLE390S	4.63E-02	9.03E+00	1.66E-02	9.01E+00	0.00E+00	0.00E+00	1.71E+01	2.38E-05	5.63E-03	9.05E-02	0.00E+00	3.96E-01	1.14E-09	2.71E-08	1.30E+01	2.50E-01	0.00E+00	0.00E+00	1.63E-02	1.52E+00	2.28E+02	0.00E+00	4.38E-08	3.72E-07	1.77E-02	3.50E-04	6.03E+01	0.00E+00	2.28E+02	3.19E-06	2.28E+02	2.88E+02	6.03E+01	0.00E+00	0.00E+00	0.00E+00	6.92E-01
	HLF180S	1.32E-02	2.58E+00	4.74E-03	2.57E+00	0.00E+00	0.00E+00	4.87E+00	6.78E-06	1.61E-03	2.58E-02	0.00E+00	1.13E-01	3.24E-10	7.74E-09	3.70E+00	7.13E-02	0.00E+00	0.00E+00	4.64E-03	4.35E-01	6.50E+01	0.00E+00	1.25E-08	1.06E-07	5.06E-03	9.98E-05	1.72E+01	0.00E+00	6.50E+01	9.11E-07	6.50E+01	8.22E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
	HLF190S	1.38E-02	2.70E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.11E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.86E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.11E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.55E-07	6.82E+01	8.62E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
	HLF199S	2.12E-02	4.14E+00	7.62E-03	4.13E+00	0.00E+00	0.00E+00	7.82E+00	1.09E-05	2.58E-03	4.15E-02	0.00E+00	1.81E-01	5.20E-10	1.24E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.45E-03	6.99E-01	1.04E+02	0.00E+00	2.01E-08	1.71E-07	8.13E-03	1.60E-04	2.77E+01	0.00E+00	1.04E+02	1.46E-06	1.04E+02	1.32E+02	2.77E+01	0.00E+00	0.00E+00	0.00E+00	3.17E-01
	HLF280S	2.56E-02	4.99E+00	9.19E-03	4.98E+00	0.00E+00	0.00E+00	9.43E+00	1.31E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.28E-10	1.50E-08	7.18E+00	1.38E-01	0.00E+00	0.00E+00	8.99E-03	8.43E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.81E-03	1.93E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.59E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
	HLF290S	3.49E-02	6.81E+00	1.25E-02	6.79E+00	0.00E+00	0.00E+00	1.29E+01	1.79E-05	4.25E-03	6.82E-02	0.00E+00	2.98E-01	8.56E-10	2.04E-08	9.79E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
	HLF299S	4.48E-02	8.75E+00	1.61E-02	8.74E+00	0.00E+00	0.00E+00	1.65E+01	2.30E-05	5.46E-03	8.78E-02	0.00E+00	3.84E-01	1.10E-09	2.63E-08	1.26E+01	2.42E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.61E-07	1.72E-02	3.39E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.79E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.71E-01
	HLF380S	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
	HLF390S	4.63E-02	9.03E+00	1.66E-02	9.01E+00	0.00E+00	0.00E+00	1.71E+01	2.38E-05	5.63E-03	9.05E-02	0.00E+00	3.96E-01	1.14E-09	2.71E-08	1.30E+01	2.50E-01	0.00E+00	0.00E+00	1.63E-02	1.52E+00	2.28E+02	0.00E+00	4.38E-08	3.72E-07	1.77E-02	3.50E-04	6.03E+01	0.00E+00	2.28E+02	3.19E-06	2.28E+02	2.88E+02	6.03E+01	0.00E+00	0.00E+00	0.00E+00	6.92E-01
	HLF399S	7.46E-02	1.46E+01	2.68E-02	1.45E+01	0.00E+00	0.00E+00	2.75E+01	3.83E-05	9.09E-03	1.46E-01	0.00E+00	6.38E-01	1.83E-09	4.37E-08	2.09E+01	4.03E-01	0.00E+00	0.00E+00	2.62E-02	2.46E+00	3.68E+02	0.00E+00	7.06E-08	6.00E-07	2.86E-02	5.64E-04	9.73E+01	0.00E+00	3.68E+02	5.15E-06	3.68E+02	4.65E+02	9.73E+01	0.00E+00	0.00E+00	0.00E+00	1.12E+00
	HMB180	1.32E-02	2.58E+00	4.74E-03	2.57E+00	0.00E+00	0.00E+00	4.87E+00	6.78E-06	1.61E-03	2.58E-02	0.00E+00	1.13E-01	3.24E-10	7.74E-09	3.70E+00	7.13E-02	0.00E+00	0.00E+00	4.64E-03	4.35E-01	6.50E+01	0.00E+00	1.25E-08	1.06E-07	5.06E-03	9.98E-05	1.72E+01	0.00E+00	6.50E+01	9.11E-07	6.50E+01	8.22E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
	HMB190	1.38E-02	2.70E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.11E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.86E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.11E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.55E-07	6.82E+01	8.62E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
	HMB199	2.12E-02	4.14E+00	7.62E-03	4.13E+00	0.00E+00	0.00E+00	7.82E+00	1.09E-05	2.58E-03	4.15E-02	0.00E+00	1.81E-01	5.20E-10	1.24E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.45E-03	6.99E-01	1.04E+02	0.00E+00	2.01E-08	1.71E-07	8.13E-03	1.60E-04	2.77E+01	0.00E+00	1.04E+02	1.46E-06	1.04E+02	1.32E+02	2.77E+01	0.00E+00	0.00E+00	0.00E+00	3.17E-01
	HMB280	2.56E-02	4.99E+00	9.19E-03	4.98E+00	0.00E+00	0.00E+00	9.43E+00	1.31E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.28E-10	1.50E-08	7.18E+00	1.38E-01	0.00E+00	0.00E+00	8.99E-03	8.43E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.81E-03	1.93E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.59E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
	HMB290	3.49E-02	6.81E+00	1.25E-02	6.79E+00	0.00E+00	0.00E+00	1.29E+01	1.79E-05	4.25E-03	6.82E-02	0.00E+00	2.98E-01	8.56E-10	2.04E-08	9.79E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
	HMB299	4.48E-02	8.75E+00	1.61E-02	8.74E+00	0.00E+00	0.00E+00	1.65E+01	2.30E-05	5.46E-03	8.78E-02	0.00E+00	3.84E-01	1.10E-09	2.63E-08	1.26E+01	2.42E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.61E-07	1.72E-02	3.39E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.79E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.71E-01
	HMB380	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
	HMB480	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
	HMB490	6.00E-02	1.17E+01	2.16E-02	1.17E+01	0.00E+00	0.00E+00	2.21E+01	3.08E-05	7.31E-03	1.17E-01	0.00E+00	5.13E-01	1.47E-09	3.52E-08	1.68E+01	3.24E-01	0.00E+00	0.00E+00	2.11E-02	1.98E+00	2.96E+02	0.00E+00	5.68E-08	4.83E-07	2.30E-02	4.54E-04	7.82E+01	0.00E+00	2.96E+02	4.14E-06	2.96E+02	3.74E+02	7.82E+01	0.00E+00	0.00E+00	0.00E+00	8.97E-01
	HMB499	9.02E-02	1.76E+01	3.24E-02	1.76E+01	0.00E+00	0.00E+00	3.33E+01	4.64E-05	1.10E-02	1.77E-01	0.00E+00	7.72E-01	2.21E-09	5.29E-08	2.53E+01	4.87E-01	0.00E+00	0.00E+00	3.17E-02	2.97E+00	4.45E+02	0.00E+00	8.53E-08	7.26E-07	3.46E-02	6.82E-04	1.18E+02	0.00E+00	4.45E+02	6.23E-06	4.45E+02	5.62E+02	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.35E+00
	HMC180	1.32E-02	2.58E+00	4.74E-03	2.57E+00	0.00E+00	0.00E+00	4.87E+00	6.78E-06	1.61E-03	2.58E-02	0.00E+00	1.13E-01	3.24E-10	7.74E-09	3.70E+00	7.13E-02	0.00E+00	0.00E+00	4.64E-03	4.35E-01	6.50E+01	0.00E+00	1.25E-08	1.06E-07	5.06E-03	9.98E-05	1.72E+01	0.00E+00	6.50E+01	9.11E-07	6.50E+01	8.22E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
	HMC180T	1.32E-02	2.58E+00	4.74E-03	2.57E+00	0.00E+00	0.00E+00	4.87E+00	6.78E-06	1.61E-03	2.58E-02	0.00E+00	1.13E-01	3.24E-10	7.74E-09	3.70E+00	7.13E-02	0.00E+00	0.00E+00	4.64E-03	4.35E-01	6.50E+01	0.00E+00	1.25E-08	1.06E-07	5.06E-03	9.98E-05	1.72E+01	0.00E+00	6.50E+01	9.11E-07	6.50E+01	8.22E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
	HMC190	1.38E-02	2.70E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.11E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.86E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.11E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.55E-07	6.82E+01	8.62E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
	HMC190T	1.38E-02	2.70E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.11E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.86E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.11E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.55E-07	6.82E+01	8.62E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
	HMC199	2.12E-02	4.14E+00	7.62E-03	4.13E+00	0.00E+00	0.00E+00	7.82E+00	1.09E-05	2.58E-03	4.15E-02	0.00E+00	1.81E-01	5.20E-10	1.24E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.45E-03	6.99E-01	1.04E+02	0.00E+00	2.01E-08	1.71E-07	8.13E-03	1.60E-04	2.77E+01	0.00E+00	1.04E+02	1.46E-06	1.04E+02	1.32E+02	2.77E+01	0.00E+00	0.00E+00	0.00E+00	3.17E-01
	HMC199T	2.12E-02	4.14E+00	7.62E-03	4.13E+00	0.00E+00	0.00E+00	7.82E+00	1.09E-05	2.58E-03	4.15E-02	0.00E+00	1.81E-01	5.20E-10	1.24E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.45E-03	6.99E-01	1.04E+02	0.00E+00	2.01E-08	1.71E-07	8.13E-03	1.60E-04	2.77E+01	0.00E+00	1.04E+02	1.46E-06	1.04E+02	1.32E+02	2.77E+01	0.00E+00	0.00E+00	0.00E+00	3.17E-01
	HMC280	2.56E-02	4.99E+00	9.19E-03	4.98E+00	0.00E+00	0.00E+00	9.43E+00	1.31E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.28E-10	1.50E-08	7.18E+00	1.38E-01	0.00E+00	0.00E+00	8.99E-03	8.43E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.81E-03	1.93E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.59E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
	HMC280T	2.56E-02	4.99E+00	9.19E-03	4.98E+00	0.00E+00	0.00E+00	9.43E+00	1.31E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.28E-10	1.50E-08	7.18E+00	1.38E-01	0.00E+00	0.00E+00	8.99E-03	8.43E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.81E-03	1.93E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.59E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
	HMC290	3.49E-02	6.81E+00	1.25E-02	6.79E+00	0.00E+00	0.00E+00	1.29E+01	1.79E-05	4.25E-03	6.82E-02	0.00E+00	2.98E-01	8.56E-10	2.04E-08	9.79E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
	HMC290T	3.49E-02	6.81E+00	1.25E-02	6.79E+00	0.00E+00	0.00E+00	1.29E+01	1.79E-05	4.25E-03	6.82E-02	0.00E+00	2.98E-01	8.56E-10	2.04E-08	9.79E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
	HMC299	4.48E-02	8.75E+00	1.61E-02	8.74E+00	0.00E+00	0.00E+00	1.65E+01	2.30E-05	5.46E-03	8.78E-02	0.00E+00	3.84E-01	1.10E-09	2.63E-08	1.26E+01	2.42E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.61E-07	1.72E-02	3.39E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.79E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.71E-01
	HMC299T	4.48E-02	8.75E+00	1.61E-02	8.74E+00	0.00E+00	0.00E+00	1.65E+01	2.30E-05	5.46E-03	8.78E-02	0.00E+00	3.84E-01	1.10E-09	2.63E-08	1.26E+01	2.42E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.61E-07	1.72E-02	3.39E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.79E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.71E-01
	HMC380	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
	HMC390	4.63E-02	9.03E+00	1.66E-02	9.01E+00	0.00E+00	0.00E+00	1.71E+01	2.38E-05	5.63E-03	9.05E-02	0.00E+00	3.96E-01	1.14E-09	2.71E-08	1.30E+01	2.50E-01	0.00E+00	0.00E+00	1.63E-02	1.52E+00	2.28E+02	0.00E+00	4.38E-08	3.72E-07	1.77E-02	3.50E-04	6.03E+01	0.00E+00	2.28E+02	3.19E-06	2.28E+02	2.88E+02	6.03E+01	0.00E+00	0.00E+00	0.00E+00	6.92E-01
	HMC399	7.46E-02	1.46E+01	2.68E-02	1.45E+01	0.00E+00	0.00E+00	2.75E+01	3.83E-05	9.09E-03	1.46E-01	0.00E+00	6.38E-01	1.83E-09	4.37E-08	2.09E+01	4.03E-01	0.00E+00	0.00E+00	2.62E-02	2.46E+00	3.68E+02	0.00E+00	7.06E-08	6.00E-07	2.86E-02	5.64E-04	9.73E+01	0.00E+00	3.68E+02	5.15E-06	3.68E+02	4.65E+02	9.73E+01	0.00E+00	0.00E+00	0.00E+00	1.12E+00
	HMC480	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
	HMC490	6.00E-02	1.17E+01	2.16E-02	1.17E+01	0.00E+00	0.00E+00	2.21E+01	3.08E-05	7.31E-03	1.17E-01	0.00E+00	5.13E-01	1.47E-09	3.52E-08	1.68E+01	3.24E-01	0.00E+00	0.00E+00	2.11E-02	1.98E+00	2.96E+02	0.00E+00	5.68E-08	4.83E-07	2.30E-02	4.54E-04	7.82E+01	0.00E+00	2.96E+02	4.14E-06	2.96E+02	3.74E+02	7.82E+01	0.00E+00	0.00E+00	0.00E+00	8.97E-01
	HMC499	9.02E-02	1.76E+01	3.24E-02	1.76E+01	0.00E+00	0.00E+00	3.33E+01	4.64E-05	1.10E-02	1.77E-01	0.00E+00	7.72E-01	2.21E-09	5.29E-08	2.53E+01	4.87E-01	0.00E+00	0.00E+00	3.17E-02	2.97E+00	4.45E+02	0.00E+00	8.53E-08	7.26E-07	3.46E-02	6.82E-04	1.18E+02	0.00E+00	4.45E+02	6.23E-06	4.45E+02	5.62E+02	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.35E+00

HMD180	1.32E-02	2.58E+00	4.74E-03	2.57E+00	0.00E+00	0.00E+00	4.87E+00	6.78E-06	1.61E-03	2.58E-02	0.00E+00	1.13E-01	3.24E-10	7.74E-09	3.70E+00	7.13E-02	0.00E+00	0.00E+00	4.64E-03	4.35E-01	6.50E+01	0.00E+00	1.25E-08	1.06E-07	5.06E-03	9.98E-05	1.72E+01	0.00E+00	6.50E+01	9.11E-07	6.50E+01	8.22E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
HMD180T	1.32E-02	2.58E+00	4.74E-03	2.57E+00	0.00E+00	0.00E+00	4.87E+00	6.78E-06	1.61E-03	2.58E-02	0.00E+00	1.13E-01	3.24E-10	7.74E-09	3.70E+00	7.13E-02	0.00E+00	0.00E+00	4.64E-03	4.35E-01	6.50E+01	0.00E+00	1.25E-08	1.06E-07	5.06E-03	9.98E-05	1.72E+01	0.00E+00	6.50E+01	9.11E-07	6.50E+01	8.22E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
HMD190	1.38E-02	2.70E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.11E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.86E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.11E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.55E-07	6.82E+01	8.62E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HMD190T	1.38E-02	2.70E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.11E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.86E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.11E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.55E-07	6.82E+01	8.62E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HMD199	2.12E-02	4.14E+00	7.62E-03	4.13E+00	0.00E+00	0.00E+00	7.82E+00	1.09E-05	2.58E-03	4.15E-02	0.00E+00	1.81E-01	5.20E-10	1.24E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.45E-03	6.99E-01	1.04E+02	0.00E+00	2.01E-08	1.71E-07	8.13E-03	1.60E-04	2.77E+01	0.00E+00	1.04E+02	1.46E-06	1.04E+02	1.32E+02	2.77E+01	0.00E+00	0.00E+00	0.00E+00	3.17E-01
HMD199T	2.12E-02	4.14E+00	7.62E-03	4.13E+00	0.00E+00	0.00E+00	7.82E+00	1.09E-05	2.58E-03	4.15E-02	0.00E+00	1.81E-01	5.20E-10	1.24E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.45E-03	6.99E-01	1.04E+02	0.00E+00	2.01E-08	1.71E-07	8.13E-03	1.60E-04	2.77E+01	0.00E+00	1.04E+02	1.46E-06	1.04E+02	1.32E+02	2.77E+01	0.00E+00	0.00E+00	0.00E+00	3.17E-01
HMD280	2.56E-02	4.99E+00	9.19E-03	4.98E+00	0.00E+00	0.00E+00	9.43E+00	1.31E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.28E-10	1.50E-08	7.18E+00	1.38E-01	0.00E+00	0.00E+00	8.99E-03	8.43E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.81E-03	1.93E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.59E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HMD280T	2.56E-02	4.99E+00	9.19E-03	4.98E+00	0.00E+00	0.00E+00	9.43E+00	1.31E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.28E-10	1.50E-08	7.18E+00	1.38E-01	0.00E+00	0.00E+00	8.99E-03	8.43E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.81E-03	1.93E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.59E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HMD290	3.49E-02	6.81E+00	1.25E-02	6.79E+00	0.00E+00	0.00E+00	1.29E+01	1.79E-05	4.25E-03	6.82E-02	0.00E+00	2.98E-01	8.56E-10	2.04E-08	9.79E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
HMD290T	3.49E-02	6.81E+00	1.25E-02	6.79E+00	0.00E+00	0.00E+00	1.29E+01	1.79E-05	4.25E-03	6.82E-02	0.00E+00	2.98E-01	8.56E-10	2.04E-08	9.79E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
HMD299	4.48E-02	8.75E+00	1.61E-02	8.74E+00	0.00E+00	0.00E+00	1.65E+01	2.30E-05	5.46E-03	8.78E-02	0.00E+00	3.84E-01	1.10E-09	2.63E-08	1.26E+01	2.42E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.61E-07	1.72E-02	3.39E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.79E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.71E-01
HMD299T	4.48E-02	8.75E+00	1.61E-02	8.74E+00	0.00E+00	0.00E+00	1.65E+01	2.30E-05	5.46E-03	8.78E-02	0.00E+00	3.84E-01	1.10E-09	2.63E-08	1.26E+01	2.42E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.61E-07	1.72E-02	3.39E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.79E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.71E-01
HMD380T	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
HMD390T	5.14E-01	1.00E+02	1.85E-01	1.00E+02	0.00E+00	0.00E+00	1.90E+02	2.64E-04	6.26E-02	1.01E+00	0.00E+00	4.40E+00	1.26E-08	3.01E-07	1.44E+02	2.78E+00	0.00E+00	0.00E+00	1.81E-01	1.69E+01	2.53E+03	0.00E+00	4.86E-07	4.14E-06	1.97E-01	3.89E-03	6.70E+02	0.00E+00	2.53E+03	3.55E-05	2.53E+03	3.20E+03	6.70E+02	0.00E+00	0.00E+00	0.00E+00	7.68E+00
HMD399T	7.46E-02	1.46E+01	2.68E-02	1.45E+01	0.00E+00	0.00E+00	2.75E+01	3.83E-05	9.09E-03	1.46E-01	0.00E+00	6.38E-01	1.83E-09	4.37E-08	2.09E+01	4.03E-01	0.00E+00	0.00E+00	2.62E-02	2.46E+00	3.68E+02	0.00E+00	7.06E-08	6.00E-07	2.86E-02	5.64E-04	9.73E+01	0.00E+00	3.68E+02	5.15E-06	3.68E+02	4.65E+02	9.73E+01	0.00E+00	0.00E+00	0.00E+00	1.12E+00
HMF180	1.32E-02	2.58E+00	4.74E-03	2.57E+00	0.00E+00	0.00E+00	4.87E+00	6.78E-06	1.61E-03	2.58E-02	0.00E+00	1.13E-01	3.24E-10	7.74E-09	3.70E+00	7.13E-02	0.00E+00	0.00E+00	4.64E-03	4.35E-01	6.50E+01	0.00E+00	1.25E-08	1.06E-07	5.06E-03	9.98E-05	1.72E+01	0.00E+00	6.50E+01	9.11E-07	6.50E+01	8.22E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
HMF180T	1.32E-02	2.58E+00	4.74E-03	2.57E+00	0.00E+00	0.00E+00	4.87E+00	6.78E-06	1.61E-03	2.58E-02	0.00E+00	1.13E-01	3.24E-10	7.74E-09	3.70E+00	7.13E-02	0.00E+00	0.00E+00	4.64E-03	4.35E-01	6.50E+01	0.00E+00	1.25E-08	1.06E-07	5.06E-03	9.98E-05	1.72E+01	0.00E+00	6.50E+01	9.11E-07	6.50E+01	8.22E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	1.97E-01
HMF190	1.38E-02	2.70E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.11E-09	3.88E+00	7.48E-02	0.00E+00	0.00E+00	4.86E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.11E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.55E-07	6.82E+01	8.62E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HMF190T	1.38E-02	2.70E+00	4.97E-03	2.70E+00	0.00E+00	0.00E+00	5.10E+00	7.11E-06	1.69E-03	2.71E-02	0.00E+00	1.18E-01	3.40E-10	8.11E-09	3.88E+00	7.47E-02	0.00E+00	0.00E+00	4.86E-03	4.56E-01	6.82E+01	0.00E+00	1.31E-08	1.11E-07	5.31E-03	1.05E-04	1.80E+01	0.00E+00	6.82E+01	9.55E-07	6.82E+01	8.62E+01	1.80E+01	0.00E+00	0.00E+00	0.00E+00	2.07E-01
HMF199	2.12E-02	4.14E+00	7.62E-03	4.13E+00	0.00E+00	0.00E+00	7.82E+00	1.09E-05	2.58E-03	4.15E-02	0.00E+00	1.81E-01	5.20E-10	1.24E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.45E-03	6.99E-01	1.04E+02	0.00E+00	2.01E-08	1.71E-07	8.13E-03	1.60E-04	2.77E+01	0.00E+00	1.04E+02	1.46E-06	1.04E+02	1.32E+02	2.77E+01	0.00E+00	0.00E+00	0.00E+00	3.17E-01
HMF199T	2.12E-02	4.14E+00	7.62E-03	4.13E+00	0.00E+00	0.00E+00	7.82E+00	1.09E-05	2.58E-03	4.15E-02	0.00E+00	1.81E-01	5.20E-10	1.24E-08	5.95E+00	1.15E-01	0.00E+00	0.00E+00	7.45E-03	6.99E-01	1.04E+02	0.00E+00	2.01E-08	1.71E-07	8.13E-03	1.60E-04	2.77E+01	0.00E+00	1.04E+02	1.46E-06	1.04E+02	1.32E+02	2.77E+01	0.00E+00	0.00E+00	0.00E+00	3.17E-01
HMF280	2.56E-02	4.99E+00	9.19E-03	4.98E+00	0.00E+00	0.00E+00	9.43E+00	1.31E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.28E-10	1.50E-08	7.18E+00	1.38E-01	0.00E+00	0.00E+00	8.99E-03	8.43E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.81E-03	1.93E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.59E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HMF280T	2.56E-02	4.99E+00	9.19E-03	4.98E+00	0.00E+00	0.00E+00	9.43E+00	1.31E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.28E-10	1.50E-08	7.18E+00	1.38E-01	0.00E+00	0.00E+00	8.99E-03	8.43E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.81E-03	1.93E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.59E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
HMF290	3.49E-02	6.81E+00	1.25E-02	6.79E+00	0.00E+00	0.00E+00	1.29E+01	1.79E-05	4.25E-03	6.82E-02	0.00E+00	2.98E-01	8.56E-10	2.04E-08	9.79E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
HMF290T	3.49E-02	6.81E+00	1.25E-02	6.79E+00	0.00E+00	0.00E+00	1.29E+01	1.79E-05	4.25E-03	6.82E-02	0.00E+00	2.98E-01	8.56E-10	2.04E-08	9.79E+00	1.88E-01	0.00E+00	0.00E+00	1.23E-02	1.15E+00	1.72E+02	0.00E+00	3.30E-08	2.81E-07	1.34E-02	2.64E-04	4.55E+01	0.00E+00	1.72E+02	2.41E-06	1.72E+02	2.17E+02	4.55E+01	0.00E+00	0.00E+00	0.00E+00	5.21E-01
HMF299	4.48E-02	8.75E+00	1.61E-02	8.74E+00	0.00E+00	0.00E+00	1.65E+01	2.30E-05	5.46E-03	8.78E-02	0.00E+00	3.84E-01	1.10E-09	2.63E-08	1.26E+01	2.42E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.61E-07	1.72E-02	3.39E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.79E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.71E-01
HMF299T	4.48E-02	8.75E+00	1.61E-02	8.74E+00	0.00E+00	0.00E+00	1.65E+01	2.30E-05	5.46E-03	8.78E-02	0.00E+00	3.84E-01	1.10E-09	2.63E-08	1.26E+01	2.42E-01	0.00E+00	0.00E+00	1.58E-02	1.48E+00	2.21E+02	0.00E+00	4.24E-08	3.61E-07	1.72E-02	3.39E-04	5.85E+01	0.00E+00	2.21E+02	3.10E-06	2.21E+02	2.79E+02	5.85E+01	0.00E+00	0.00E+00	0.00E+00	6.71E-01
HMF380	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
HMF380T	4.34E-02	8.47E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.29E-03	8.49E-02	0.00E+00	3.71E-01	1.07E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.66E+01	0.00E+00	2.14E+02	3.00E-06	2.14E+02	2.70E+02	5.66E+01	0.00E+00	0.00E+00	0.00E+00	6.49E-01
HMF390	4.63E-02	9.03E+00	1.66E-02	9.01E+00	0.00E+00	0.00E+00	1.71E+01	2.38E-05	5.63E-03	9.05E-02	0.00E+00	3.96E-01	1.14E-09	2.71E-08	1.30E+01	2.50E-01	0.00E+00	0.00E+00	1.63E-02	1.52E+00	2.28E+02	0.00E+00	4.38E-08	3.72E-07	1.77E-02	3.50E-04	6.03E+01	0.00E+00	2.28E+02	3.19E-06	2.28E+02	2.88E+02	6.03E+01	0.00E+00	0.00E+00	0.00E+00	6.92E-01
HMF399T	7.46E-02	1.46E+01	2.68E-02	1.45E+01	0.00E+00	0.00E+00	2.75E+01	3.83E-05	9.09E-03	1.46E-01	0.00E+00	6.38E-01	1.83E-09	4.37E-08	2.09E+01	4.03E-01	0.00E+00	0.00E+00	2.62E-02	2.46E+00	3.68E+02	0.00E+00	7.06E-08	6.00E-07	2.86E-02	5.64E-04	9.73E+01	0.00E+00	3.68E+02	5.15E-06	3.68E+02	4.65E+02	9.73E+01	0.00E+00	0.00E+00	0.00E+00	1.12E+00
HMF480	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.97E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.71E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.71E+02	3.79E-06	2.71E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
HMF490	6.00E-02	1.17E+01	2.16E-02	1.17E+01	0.00E+00	0.00E+00	2.21E+01	3.08E-05	7.31E-03	1.17E-01	0.00E+00	5.13E-01	1.47E-09	3.52E-08	1.68E+01	3.24E-01	0.00E+00	0.00E+00	2.11E-02	1.98E+00	2.96E+02	0.00E+00	5.68E-08	4.83E-07	2.30E-02	4.54E-04	7.82E+01	0.00E+00	2.96E+02	4.14E-06	2.96E+02	3.74E+02	7.82E+01	0.00E+00	0.00E+00	0.00E+00	8.97E-01
HMF499	9.02E-02	1.76E+01	3.24E-02	1.76E+01	0.00E+00	0.00E+00	3.33E+01	4.64E-05	1.10E-02	1.77E-01	0.00E+00	7.72E-01	2.21E-09	5.29E-08	2.53E+01	4.87E-01	0.00E+00	0.00E+00	3.17E-02	2.97E+00	4.45E+02	0.00E+00	8.53E-08	7.26E-07	3.46E-02	6.82E-04	1.18E+02	0.00E+00	4.45E+02	6.23E-06	4.45E+02	5.62E+02	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.35E+00
HMX110	4.74E-03	9.25E-01	1.70E-03	9.24E-01	0.00E+00	0.00E+00	1.75E+00	2.44E-06	5.78E-04	9.28E-03	0.00E+00	4.06E-02	1.16E-10	2.78E-09	1.33E+00	2.56E-02	0.00E+00	0.00E+00	1.67E-03	1.56E-01	2.34E+01	0.00E+00	4.48E-09	3.82E-08	1.82E-03	3.59E-05	6.18E+00	0.00E+00	2.34E+01	3.27E-07	2.34E+01	2.95E+01	6.18E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-02
HMX116	7.39E-03	1.44E+00	2.65E-03	1.44E+00	0.00E+00	0.00E+00	2.72E+00	3.80E-06	9.00E-04	1.45E-02	0.00E+00	6.32E-02	1.81E-10	4.33E-09	2.07E+00	3.99E-02	0.00E+00	0.00E+00	2.60E-03	2.44E-01	3.64E+01	0.00E+00	6.99E-09	5.95E-08	2.83E-03	5.59E-05	9.63E+00	0.00E+00	3.64E+01	5.10E-07	3.64E+01	4.60E+01	9.63E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
HMX120	4.28E-03	8.34E-01	1.53E-03	8.32E-01	0.00E+00	0.00E+00	1.57E+00	2.19E-06	5.20E-04	8.36E-03	0.00E+00	3.65E-02	1.05E-10	2.50E-09	1.20E+00	2.31E-02	0.00E+00	0.00E+00	1.50E-03	1.41E-01	2.10E+01	0.00E+00	4.04E-09	3.44E-08	1.64E-03	3.23E-05	5.57E+00	0.00E+00	2.10E+01	2.95E-07	2.10E+01	2.66E+01	5.57E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-02
HMX125	5.50E-03	1.07E+00	1.97E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.82E-06	6.69E-04	1.07E-02	0.00E+00	4.70E-02	1.35E-10	3.22E-09	1.54E+00	2.96E-02	0.00E+00	0.00E+00	1.93E-03	1.81E-01	2.70E+01	0.00E+00	5.19E-09	4.42E-08	2.10E-03	4.15E-05	7.16E+00	0.00E+00	2.70E+01	3.79E-07	2.70E+01	3.42E+01	7.16E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-02
HMX132	6.16E-03	1.20E+00	2.21E-03	1.20E+00	0.00E+00	0.00E+00	2.27E+00	3.16E-06	7.49E-04	1.20E-02	0.00E+00	5.26E-02	1.51E-10	3.61E-09	1.73E+00	3.32E-02	0.00E+00	0.00E+00	2.16E-03	2.03E-01	3.03E+01	0.00E+00	5.82E-09	4.95E-08	2.36E-03	4.65E-05	8.02E+00	0.00E+00	3.03E+01	4.25E-07	3.03E+01	3.83E+01	8.02E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-02
HMX150	8.29E-03	1.62E+00	2.98E-03	1.61E+00	0.00E+00	0.00E+00	3.06E+00	4.26E-06	1.01E-03	1.62E-02	0.00E+00	7.09E-02	2.03E-10	4.86E-09	2.32E+00	4.48E-02	0.00E+00	0.00E+00	2.91E-03	2.73E-01	4.08E+01	0.00E+00	7.84E-09	6.67E-08	3.18E-03	6.27E-05	1.08E+01	0.00E+00	4.08E+01	5.72E-07	4.08E+01	5.16E+01	1.08E+01	0.00E+00	0.00E+00	0.00E+00	1.24E-01
HMX163	1.15E-02	2.23E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.88E-06	1.39E-03	2.24E-02	0.00E+00	9.79E-02	2.81E-10	6.71E-09	3.21E+00	6.18E-02	0.00E+00	0.00E+00	4.02E-03	3.77E-01	5.64E+01	0.00E+00	1.08E-08	9.21E-08	4.39E-03	8.66E-05	1.49E+01	0.00E+00	5.64E+01	7.90E-07	5.64E+01	7.13E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
HMX216	1.55E-02	3.01E+00	5.55E-03	3.01E+00	0.00E+00	0.00E+00	5.69E+00	7.93E-06	1.88E-03	3.02E-02	0.00E+00	1.32E-01	3.79E-10	9.05E-09	4.33E+00	8.34E-02	0.00E+00	0.00E+00	5.43E-03	5.09E-01	7.61E+01	0.00E+00	1.46E-08	1.24E-07	5.92E-03	1.17E-04	2.01E+01	0.00E+00	7.61E+01	1.07E-06	7.61E+01	9.62E+01	2.01E+01	0.00E+00	0.00E+00	0.00E+00	2.31E-01
HMX220	8.47E-03	1.65E+00	3.04E-03	1.65E+00	0.00E+00	0.00E+00	3.12E+00	4.35E-06	1.03E-03	1.65E-02	0.00E+00	7.24E-02	2.08E-10	4.96E-09	2.37E+00	4.57E-02	0.00E+00	0.00E+00	2.97E-03	2.79E-01	4.17E+01	0.00E+00	8.00E-09	6.81E-08	3.24E-03	6.40E-05	1.10E+01	0.00E+00	4.17E+01	5.84E-07	4.17E+01	5.27E+01	1.10E+01	0.00E+00	0.00E+00	0.00E+00	1.26E-01
HMX225	5.40E-03	1.05E+00	1.93E-03	1.05E+00	0.00E+00	0.00E+00	1.98E+00	2.77E-06	6.56E-04	1.05E-02	0.00E+00	4.60E-02	1.32E-10	3.16E-09	1.51E+00	2.91E-02	0.00E+00	0.00E+00	1.89E-03	1.77E-01	2.65E+01	0.00E+00	5.09E-09	4.33E-08	2.06E-03	4.07E-05	7.02E+00	0.00E+00	2.65E+01	3.72E-07	2.65E+01	3.35E+01	7.02E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02
HMX232	1.31E-02	2.56E+00	4.70E-03	2.55E+00	0.00E+00	0.00E+00	4.83E+00	6.73E-06	1.59E-03	2.56E-02	0.00E+00	1.12E-01	3.21E-10	7.68E-09	3.67E+00	7.07E-02	0.00E+00	0.00E+00	4.60E-03	4.31E-01	6.45E+01	0.00E+00	1.24E-08	1.05E-07	5.02E-03	9.90E-05	1.71E+01	0.00E+00	6.45E+01	9.04E-07	6.45E+01	8.16E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
HMX240	1.56E-02	3.03E+00	5.58E-03	3.03E+00	0.00E+00	0.00E+00	5.73E+00	7.99E-06	1.89E-03	3.04E-02	0.00E+00	1.33E-01	3.82E-10	9.12E-09	4.36E+00	8.40E-02	0.00E+00	0.00E+00	5.46E-03	5.12E-01	7.66E+01	0.00E+00	1.47E-08	1.25E-07	5.96E-03	1.18E-04	2.03E+01	0.00E+00	7.66E+01	1.07E-06	7.66E+01	9.69E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.32E-01
HMX250	1.59E-02	3.11E+00	5.72E-03	3.10E+00	0.00E+00	0.00E+00	5.87E+00	8.19E-06	1.94E-03	3.12E-02	0.00E+00	1.36E-01	3.91E-10	9.34E-09	4.47E+00	8.61E-02	0.00E+00	0.00E+00	5.60E-03	5.25E-01	7.85E+01	0.00E+00	1.51E-08	1.28E-07	6.11E-03	1.20E-04	2.08E+01	0.00E+00	7.85E+01	1.10E-06	7.85E+01	9.93E+01	2.08E+01	0.00E+00	0.00E+00	0.00E+00	2.38E-01
HMX263	2.31E-02	4.51E+00	8.31E-03	4.51E+00	0.00E+00	0.00E+00	8.53E+00	1.19E-05	2.82E-03	4.53E-02	0.00E+00	1.98E-01	5.68E-10	1.36E-08	6.49E+00	1.25E-01	0.00E+00	0.00E+00	8.13E-03	7.62E-01	1.14E+02	0.00E+00	2.19E-08	1.86E-07	8.87E-03	1.75E-04	3.02E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.44E+02	3.02E+01	0.00E+00	0.00E+00	0.00E+00	3.46E-01
HMX310	1.45E-02	2.83E+00	5.22E-03	2.83E+00	0.00E+00	0.00E+00	5.35E+00	7.46E-06	1.77E-03	2.84E-02	0.00E+00	1.24E-01	3.56E-10	8.51E-09	4.07E+00	7.84E-02	0.00E+00	0.00E+00	5.10E-03	4.79E-01	7.15E+01	0.00E+00	1.37E-08	1.17E-07	5.57E-03	1.10E-04	1.89E+01	0.00E+00	7.15E+01	1.00E-06	7.15E+01	9.05E+01	1.89E+01	0.00E+00	0.00E+00	0.00E+00	2.17E-01
HMX316	2.31E-02	4.51E+00	8.29E-03	4.50E+00	0.00E+00	0.00E+00	8.51E+00	1.19E-05	2.81E-03	4.52E-02	0.00E+00	1.98E-01	5.67E-10	1.35E-08	6.48E+00	1.25E-01	0.00E+00	0.00E+00	8.11E-03	7.61E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.85E-03	1.75E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
HMX320	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
HMX325	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
HMX332	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
HMX340	2.35E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.51E-01
HMX350	2.45E-02	4.78E+00	8.79E-03	4.77E+00	0.00E+00	0.00E+00	9.02E+00	1.26E-05	2.98E-03	4.79E-02	0.00E+00	2.09E-01	6.01E-10	1.43E-08	6.87E+00	1.32E-01	0.00E+00	0.00E+00	8.60E-03	8.07E-01	1.21E+02	0.00E+00	2.31E-08	1.97E-07	9.38E-03	1.85E-04	3.19E+01	0.00E+00	1.21E+02	1.69E-06	1.21E+02	1.52E+02	3.19E+01	0.00E+00	0.00E+00	0.00E+00	3.66E-01
HMX363	3.47E-02	6.77E+00	1.24E-02	6.75E+00	0.00E+00	0.00E+00	1.28E+01	1.78E-05	4.22E-03	6.78E-02	0.00E+00	2.97E-01	8.51E-10	2.03E-08	9.73E+00	1.87E-01	0.00E+00	0.00E+00	1.22E-02	1.14E+00	1.71E+02	0.00E+00	3.28E-08	2.79E-07	1.33E-02	2.62E-04	4.52E+01	0.00E+00	1.71E+02	2.39E-06	1.71E+02	2.16E+02	4.52E+01	0.00E+00	0.00E+00	0.00E+00	5.18E-01
MA100Z	2.40E-04	4.59E-02	8.44E-05	4.58E-02	0.00E+00	0.00E+00	8.67E-02	1.21E-07	2.86E-05	4.60E-04	0.00E+00	2.01E-03	5.77E-12	1.38E-10	6.59E-02	1.27E-03	0.00E+00	0.00E+00	8.26E-05	7.74E-03	1.16E+00	0.00E+00	2.22E-10	1.89E-09	9.01E-05	1.78E-06	3.06E-01	0.00E+00	1.16E+00	1.62E-08	1.16E+00	1.46E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	3.51E-03
MA101Z	2.19E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.48E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MA102Z	2.87E-03	5.59E-01	1.03E-03	5.58E-01	0.00E+00	0.00E+00	1.06E+00	1.47E-06	3.49E-04	5.60E-03	0.00E+00	2.45E-02	7.02E-11	1.68E-09	8.03E-01	1.55E-02	0.00E+00	0.00E+00	1.01E-03	9.43E-02	1.41E+01	0.00E+00	2.71E-09	2.30E-08	1.10E-03	2.16E-05	3.73E+00	0.00E+00	1.41E+01	1.98E-07	1.41E+01	1.78E+01	3.73E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-02
MA103Z	4.08E-03	7.96E-01	1.47E-03	7.95E-01	0.00E+00	0.00E+00	1.50E+00	2.10E-06	4.97E-04	7.98E-03	0.00E+00	3.49E-02	1.00E-10	2.39E-09	1.14E+00	2.20E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.01E+01	0.00E+00	3.86E-09	3.28E-08	1.56E-03	3.08E-05	5.32E+00	0.00E+00	2.01E+01	2.82E-07	2.01E+01	2.54E+01	5.32E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-02
MA104Z	4.12E-03	8.05E-01	1.48E-03	8.03E-01	0.00E+00	0.00E+00	1.52E+00	2.12E-06	5.02E-04	8.07E-03	0.00E+00	3.53E-02	1.01E-10	2.42E-09	1.16E+00	2.23E-02	0.00E+00	0.00E+00	1.45E-03	1.36E-01	2.03E+01	0.00E+00	3.90E-09	3.32E-08	1.58E-03	3.12E-05	5.37E+00	0.00E+00	2.03E+01	2.85E-07	2.03E+01	2.57E+01	5.37E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-02
MA106Z	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MA110Z	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MA116Z	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MA120Z	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MA125Z	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MA132Z	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MA140Z	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MA150Z	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MA163Z	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MA200Z	4.92E-03	9.59E-01	1.76E-03	9.57E-01	0.00E+00	0.00E+00	1.81E+00	2.52E-06	5.98E-04	9.61E-03	0.00E+00	4.20E-02	1.21E-10	2.88E-09	1.38E+00	2.65E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.95E-08	1.88E-03	3.71E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-02
MA201Z	4.64E-03	9.05E-01	1.66E-03	9.03E-01	0.00E+00	0.00E+00	1.71E+00	2.38E-06	5.65E-04	9.07E-03	0.00E+00	3.96E-02	1.14E-10	2.72E-09	1.30E+00	2.50E-02	0.00E+00	0.00E+00	1.63E-03	1.53E-01	2.28E+01	0.00E+00	4.38E-09	3.73E-08	1.78E-03	3.51E-05	6.04E+00	0.00E+00	2.28E+01	3.20E-07	2.28E+01	2.89E+01	6.04E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-02
MA202Z	6.01E-03	1.17E+00	2.16E-03	1.17E+00	0.00E+00	0.00E+00	2.21E+00	3.08E-06	7.31E-04	1.17E-02	0.00E+00	5.13E-02	1.47E-10	3.52E-09	1.68E+00	3.24E-02	0.00E+00	0.00E+00	2.11E-03	1.98E-01	2.96E+01	0.00E+00	5.68E-09	4.83E-08	2.30E-03	4.54E-05	7.82E+00	0.00E+00	2.96E+01	4.14E-07	2.96E+01	3.74E+01	7.82E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-02
MA203Z	8.31E-03	1.62E+00	2.98E-03	1.62E+00	0.00E+00	0.00E+00	3.06E+00	4.27E-06	1.01E-03	1.63E-02	0.00E+00	7.11E-02	2.04E-10	4.87E-09	2.33E+00	4.49E-02	0.00E+00	0.00E+00	2.92E-03	2.74E-01	4.09E+01	0.00E+00	7.86E-09	6.69E-08	3.18E-03	6.28E-05	1.08E+01	0.00E+00	4.09E+01	5.74E-07	4.09E+01	5.18E+01	1.08E+01	0.00E+00	0.00E+00	0.00E+00	1.24E-01
MA204Z	8.17E-03	1.59E+00	2.93E-03	1.59E+00	0.00E+00	0.00E+00	3.01E+00	4.19E-06	9.94E-04	1.60E-02	0.00E+00	6.98E-02	2.00E-10	4.78E-09	2.29E+00	4.41E-02	0.00E+00	0.00E+00	2.87E-03	2.69E-01	4.02E+01	0.00E+00	7.72E-09	6.57E-08	3.13E-03	6.17E-05	1.06E+01	0.00E+00	4.02E+01	5.63E-07	4.02E+01	5.08E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.22E-01
MA206Z	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MA210Z	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MA216Z	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MA220Z	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MA225Z	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MA232Z	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01

MA240Z	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MA250Z	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
MA263Z	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MA300Z	7.34E-03	1.43E+00	2.63E-03	1.43E+00	0.00E+00	0.00E+00	2.70E+00	3.76E-06	8.92E-04	1.43E-02	0.00E+00	6.27E-02	1.80E-10	4.29E-09	2.06E+00	3.96E-02	0.00E+00	0.00E+00	2.57E-03	2.41E-01	3.61E+01	0.00E+00	6.93E-09	5.90E-08	2.81E-03	5.54E-05	9.55E+00	0.00E+00	3.61E+01	5.06E-07	3.61E+01	4.56E+01	9.55E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
MA301Z	6.96E-03	1.35E+00	2.49E-03	1.35E+00	0.00E+00	0.00E+00	2.56E+00	3.57E-06	8.45E-04	1.36E-02	0.00E+00	5.94E-02	1.70E-10	4.07E-09	1.95E+00	3.75E-02	0.00E+00	0.00E+00	2.44E-03	2.29E-01	3.42E+01	0.00E+00	6.57E-09	5.59E-08	2.66E-03	5.25E-05	9.05E+00	0.00E+00	3.42E+01	4.79E-07	3.42E+01	4.32E+01	9.05E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
MA302Z	9.09E-03	1.77E+00	3.26E-03	1.77E+00	0.00E+00	0.00E+00	3.35E+00	4.66E-06	1.11E-03	1.78E-02	0.00E+00	7.77E-02	2.23E-10	5.32E-09	2.55E+00	4.90E-02	0.00E+00	0.00E+00	3.19E-03	2.99E-01	4.47E+01	0.00E+00	8.58E-09	7.31E-08	3.48E-03	6.86E-05	1.18E+01	0.00E+00	4.47E+01	6.27E-07	4.47E+01	5.66E+01	1.18E+01	0.00E+00	0.00E+00	0.00E+00	1.36E-01
MA303Z	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MA304Z	1.22E-02	2.38E+00	4.38E-03	2.38E+00	0.00E+00	0.00E+00	4.50E+00	6.27E-06	1.49E-03	2.39E-02	0.00E+00	1.04E-01	2.99E-10	7.15E-09	3.42E+00	6.59E-02	0.00E+00	0.00E+00	4.28E-03	4.02E-01	6.01E+01	0.00E+00	1.15E-08	9.82E-08	4.68E-03	9.22E-05	1.59E+01	0.00E+00	6.01E+01	8.42E-07	6.01E+01	7.60E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MA306Z	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MA310Z	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MA316Z	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MA320Z	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MA325Z	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MA332Z	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MA340Z	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MA350Z	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.19E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MA363Z	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MA400Z	9.80E-03	1.91E+00	3.51E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.91E-02	0.00E+00	8.37E-02	2.40E-10	5.73E-09	2.74E+00	5.28E-02	0.00E+00	0.00E+00	3.44E-03	3.22E-01	4.82E+01	0.00E+00	9.25E-09	7.87E-08	3.75E-03	7.40E-05	1.28E+01	0.00E+00	4.82E+01	6.75E-07	4.82E+01	6.09E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.46E-01
MA401Z	9.18E-03	1.79E+00	3.29E-03	1.79E+00	0.00E+00	0.00E+00	3.38E+00	4.71E-06	1.12E-03	1.79E-02	0.00E+00	7.84E-02	2.25E-10	5.37E-09	2.57E+00	4.95E-02	0.00E+00	0.00E+00	3.22E-03	3.02E-01	4.51E+01	0.00E+00	8.67E-09	7.38E-08	3.51E-03	6.93E-05	1.19E+01	0.00E+00	4.51E+01	6.33E-07	4.51E+01	5.71E+01	1.19E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MA402Z	1.21E-02	2.36E+00	4.35E-03	2.36E+00	0.00E+00	0.00E+00	4.47E+00	6.22E-06	1.48E-03	2.37E-02	0.00E+00	1.04E-01	2.97E-10	7.10E-09	3.40E+00	6.54E-02	0.00E+00	0.00E+00	4.25E-03	3.99E-01	5.97E+01	0.00E+00	1.15E-08	9.75E-08	4.64E-03	9.16E-05	1.58E+01	0.00E+00	5.97E+01	8.36E-07	5.97E+01	7.54E+01	1.58E+01	0.00E+00	0.00E+00	0.00E+00	1.81E-01
MA403Z	1.70E-02	3.31E+00	6.10E-03	3.31E+00	0.00E+00	0.00E+00	6.26E+00	8.72E-06	2.07E-03	3.32E-02	0.00E+00	1.45E-01	4.17E-10	9.95E-09	4.76E+00	9.17E-02	0.00E+00	0.00E+00	5.97E-03	5.60E-01	8.36E+01	0.00E+00	1.61E-08	1.37E-07	6.51E-03	1.28E-04	2.21E+01	0.00E+00	8.36E+01	1.17E-06	8.36E+01	1.06E+02	2.21E+01	0.00E+00	0.00E+00	0.00E+00	2.54E-01
MA404Z	1.64E-02	3.20E+00	5.88E-03	3.19E+00	0.00E+00	0.00E+00	6.04E+00	8.42E-06	2.00E-03	3.21E-02	0.00E+00	1.40E-01	4.02E-10	9.60E-09	4.60E+00	8.85E-02	0.00E+00	0.00E+00	5.76E-03	5.40E-01	8.07E+01	0.00E+00	1.55E-08	1.32E-07	6.28E-03	1.24E-04	2.14E+01	0.00E+00	8.07E+01	1.13E-06	8.07E+01	1.02E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.45E-01
MA406Z	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MA416Z	2.29E-02	4.46E+00	8.21E-03	4.45E+00	0.00E+00	0.00E+00	8.43E+00	1.17E-05	2.78E-03	4.47E-02	0.00E+00	1.95E-01	5.61E-10	1.34E-08	6.41E+00	1.23E-01	0.00E+00	0.00E+00	8.03E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.76E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
MA420Z	2.48E-02	4.84E+00	8.90E-03	4.83E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.85E-02	0.00E+00	2.12E-01	6.08E-10	1.45E-08	6.95E+00	1.34E-01	0.00E+00	0.00E+00	8.70E-03	8.16E-01	1.22E+02	0.00E+00	2.34E-08	1.99E-07	9.50E-03	1.87E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.54E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MA425Z	2.91E-02	5.67E+00	1.04E-02	5.66E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.68E-02	0.00E+00	2.48E-01	7.13E-10	1.70E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.11E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MA432Z	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MA440Z	4.55E-02	8.88E+00	1.63E-02	8.86E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.54E-03	8.90E-02	0.00E+00	3.89E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.66E-07	1.74E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.83E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.80E-01
MA450Z	4.21E-02	8.21E+00	1.51E-02	8.20E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.12E-03	8.23E-02	0.00E+00	3.60E-01	1.03E-09	2.47E-08	1.18E+01	2.27E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.07E+02	0.00E+00	3.98E-08	3.39E-07	1.61E-02	3.18E-04	5.49E+01	0.00E+00	2.07E+02	2.90E-06	2.07E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.29E-01
MA463Z	5.26E-02	1.03E+01	1.89E-02	1.02E+01	0.00E+00	0.00E+00	1.94E+01	2.70E-05	6.41E-03	1.03E-01	0.00E+00	4.50E-01	1.29E-09	3.08E-08	1.48E+01	2.84E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.59E+02	0.00E+00	4.98E-08	4.23E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.59E+02	3.63E-06	2.59E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.86E-01
MB106A	3.51E-03	6.84E-01	1.26E-03	6.82E-01	0.00E+00	0.00E+00	1.29E+00	1.80E-06	4.27E-04	6.85E-03	0.00E+00	3.00E-02	8.60E-11	2.05E-09	9.83E-01	1.89E-02	0.00E+00	0.00E+00	1.23E-03	1.15E-01	1.73E+01	0.00E+00	3.31E-09	2.82E-08	1.34E-03	2.65E-05	4.57E+00	0.00E+00	1.73E+01	2.42E-07	1.73E+01	2.18E+01	4.57E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-02
MB110A	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
MB113A	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MB116A	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
MB120A	5.96E-03	1.16E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.26E-04	1.17E-02	0.00E+00	5.10E-02	1.46E-10	3.49E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.09E-03	1.96E-01	2.94E+01	0.00E+00	5.64E-09	4.80E-08	2.28E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.11E-07	2.94E+01	3.71E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
MB125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MB132A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MB140A	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MB150A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MB163A	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MB197	3.99E-03	7.79E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.81E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
MB199	2.84E-03	5.54E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.05E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.43E-02	6.97E-11	1.67E-09	7.97E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.36E-02	1.40E+01	0.00E+00	2.69E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
MB206A	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MB210A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MB213A	9.62E-03	1.88E+00	3.45E-03	1.87E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.22E-02	2.36E-10	5.63E-09	2.70E+00	5.19E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.73E+01	0.00E+00	9.09E-09	7.74E-08	3.68E-03	7.27E-05	1.25E+01	0.00E+00	4.73E+01	6.64E-07	4.73E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MB216A	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.84E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MB220A	1.18E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MB225A	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MB232A	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MB240Z	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MB250Z	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
MB263Z	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MB306Z	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MB310Z	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MB313Z	1.41E-02	2.75E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.20E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.21E-01	3.46E-10	8.26E-09	3.95E+00	7.61E-02	0.00E+00	0.00E+00	4.95E-03	4.65E-01	6.94E+01	0.00E+00	1.33E-08	1.13E-07	5.40E-03	1.07E-04	1.84E+01	0.00E+00	6.94E+01	9.73E-07	6.94E+01	8.78E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
MB316Z	1.35E-02	2.64E+00	4.86E-03	2.63E+00	0.00E+00	0.00E+00	4.98E+00	6.95E-06	1.65E-03	2.65E-02	0.00E+00	1.16E-01	3.32E-10	7.93E-09	3.79E+00	7.30E-02	0.00E+00	0.00E+00	4.75E-03	4.46E-01	6.66E+01	0.00E+00	1.28E-08	1.09E-07	5.18E-03	1.02E-04	1.76E+01	0.00E+00	6.66E+01	9.33E-07	6.66E+01	8.42E+01	1.76E+01	0.00E+00	0.00E+00	0.00E+00	2.02E-01
MB320Z	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MB325Z	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MB332Z	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MB340Z	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MB350Z	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.19E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MB363Z	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MB406A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MB410A	1.69E-02	3.29E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.22E+00	8.67E-06	2.06E-03	3.30E-02	0.00E+00	1.44E-01	4.14E-10	9.89E-09	4.73E+00	9.11E-02	0.00E+00	0.00E+00	5.93E-03	5.56E-01	8.31E+01	0.00E+00	1.60E-08	1.36E-07	6.47E-03	1.28E-04	2.20E+01	0.00E+00	8.31E+01	1.16E-06	8.31E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.52E-01
MB413A	1.88E-02	3.67E+00	6.75E-03	3.66E+00	0.00E+00	0.00E+00	6.93E+00	9.66E-06	2.29E-03	3.68E-02	0.00E+00	1.61E-01	4.61E-10	1.10E-08	5.27E+00	1.02E-01	0.00E+00	0.00E+00	6.60E-03	6.19E-01	9.26E+01	0.00E+00	1.78E-08	1.51E-07	7.20E-03	1.42E-04	2.45E+01	0.00E+00	9.26E+01	1.30E-06	9.26E+01	1.17E+02	2.45E+01	0.00E+00	0.00E+00	0.00E+00	2.81E-01
MB416A	2.29E-02	4.46E+00	8.21E-03	4.45E+00	0.00E+00	0.00E+00	8.43E+00	1.17E-05	2.78E-03	4.47E-02	0.00E+00	1.95E-01	5.61E-10	1.34E-08	6.41E+00	1.23E-01	0.00E+00	0.00E+00	8.03E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.76E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
MB420A	2.48E-02	4.84E+00	8.90E-03	4.83E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.85E-02	0.00E+00	2.12E-01	6.08E-10	1.45E-08	6.95E+00	1.34E-01	0.00E+00	0.00E+00	8.70E-03	8.16E-01	1.22E+02	0.00E+00	2.34E-08	1.99E-07	9.50E-03	1.87E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.54E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MB425A	2.91E-02	5.67E+00	1.04E-02	5.66E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.68E-02	0.00E+00	2.48E-01	7.13E-10	1.70E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.11E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MB432A	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MB440A	4.55E-02	8.88E+00	1.63E-02	8.86E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.54E-03	8.90E-02	0.00E+00	3.89E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.66E-07	1.74E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.83E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.80E-01
MB450A	4.21E-02	8.21E+00	1.51E-02	8.20E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.12E-03	8.23E-02	0.00E+00	3.60E-01	1.03E-09	2.47E-08	1.18E+01	2.27E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.07E+02	0.00E+00	3.98E-08	3.39E-07	1.61E-02	3.18E-04	5.49E+01	0.00E+00	2.07E+02	2.90E-06	2.07E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.29E-01
MB463A	5.26E-02	1.03E+01	1.89E-02	1.02E+01	0.00E+00	0.00E+00	1.94E+01	2.70E-05	6.41E-03	1.03E-01	0.00E+00	4.50E-01	1.29E-09	3.08E-08	1.48E+01	2.84E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.59E+02	0.00E+00	4.98E-08	4.23E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.59E+02	3.63E-06	2.59E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.86E-01
MB506A	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MB510A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MB513A	9.62E-03	1.88E+00	3.45E-03	1.87E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.22E-02	2.36E-10	5.63E-09	2.70E+00	5.19E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.73E+01	0.00E+00	9.09E-09	7.74E-08	3.68E-03	7.27E-05	1.25E+01	0.00E+00	4.73E+01	6.64E-07	4.73E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MB516A	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MB520A	1.18E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MB525A	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MB532A	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MB563A	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MBA150	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01

MBA163	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
MBA232	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MBN006	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MBN010	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MBN013	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MBN016	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MBN020	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MBN025	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MBN032	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MBN040	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MBN106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MBN106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MBN106E	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MBN106W	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MBN110	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
MBN110E	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
MBN110W	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
MBN113	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MBN113E	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MBN116E	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MBN116W	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
MBN120	5.96E-03	1.16E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.26E-04	1.17E-02	0.00E+00	5.10E-02	1.46E-10	3.49E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.09E-03	1.96E-01	2.94E+01	0.00E+00	5.64E-09	4.80E-08	2.28E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.11E-07	2.94E+01	3.71E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
MBN120E	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MBN125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MBN125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MBN125E	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MBN125W	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MBN132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MBN132A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MBN132E	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MBN132W	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MBN140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MBN140A	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MBN140E	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MBN140W	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MBN150	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN150E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN150W	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN163	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MBN163A	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MBN163E	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MBN163W	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MBN206	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MBN206E	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MBN210	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN210E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN213	9.83E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MBN213E	9.83E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MBN216	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN216A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN216E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN220	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBN220A	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBN220E	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBN225	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBN225A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBN225E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBN232	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBN232A	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBN232E	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBN240	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MBN240A	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MBN240E	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MBN250	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBN250A	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBN250E	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBN263	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MBN263A	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MBN263E	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MBN306	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN306A	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN306E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBN310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBN310E	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBN313	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBN313E	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBN316	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBN316A	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBN316E	1.35E-02	2.64E+00	4.86E-03	2.63E+00	0.00E+00	0.00E+00	4.98E+00	6.95E-06	1.65E-03	2.65E-02	0.00E+00	1.16E-01	3.32E-10	7.93E-09	3.79E+00	7.30E-02	0.00E+00	0.00E+00	4.75E-03	4.46E-01	6.66E+01	0.00E+00	1.28E-08	1.09E-07	5.18E-03	1.02E-04	1.76E+01	0.00E+00	6.66E+01	9.33E-07	6.66E+01	8.42E+01	1.76E+01	0.00E+00	0.00E+00	0.00E+00	2.02E-01
MBN320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01

MBN320A	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBN320E	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBN325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MBN325A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MBN325E	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MBN332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN332A	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN332E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN340	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBN340A	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBN340E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBN350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MBN350A	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MBN350E	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MBN363	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MBN363A	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MBN363E	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MBN406	1.07E-02	2.08E+00	3.84E-03	2.08E+00	0.00E+00	0.00E+00	3.94E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.14E-02	2.62E-10	6.26E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.75E-03	3.52E-01	5.26E+01	0.00E+00	1.01E-08	8.60E-08	4.09E-03	8.08E-05	1.39E+01	0.00E+00	5.26E+01	7.37E-07	5.26E+01	6.65E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MBN406E	1.07E-02	2.08E+00	3.84E-03	2.08E+00	0.00E+00	0.00E+00	3.94E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.14E-02	2.62E-10	6.26E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.75E-03	3.52E-01	5.26E+01	0.00E+00	1.01E-08	8.60E-08	4.09E-03	8.08E-05	1.39E+01	0.00E+00	5.26E+01	7.37E-07	5.26E+01	6.65E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MBN410	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MBN410E	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MBN413	1.94E-02	3.79E+00	6.98E-03	3.79E+00	0.00E+00	0.00E+00	7.17E+00	9.99E-06	2.37E-03	3.80E-02	0.00E+00	1.66E-01	4.77E-10	1.14E-08	5.45E+00	1.05E-01	0.00E+00	0.00E+00	6.83E-03	6.40E-01	9.57E+01	0.00E+00	1.84E-08	1.56E-07	7.45E-03	1.47E-04	2.53E+01	0.00E+00	9.57E+01	1.34E-06	9.57E+01	1.21E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MBN413E	1.94E-02	3.79E+00	6.98E-03	3.79E+00	0.00E+00	0.00E+00	7.17E+00	9.99E-06	2.37E-03	3.80E-02	0.00E+00	1.66E-01	4.77E-10	1.14E-08	5.45E+00	1.05E-01	0.00E+00	0.00E+00	6.83E-03	6.40E-01	9.57E+01	0.00E+00	1.84E-08	1.56E-07	7.45E-03	1.47E-04	2.53E+01	0.00E+00	9.57E+01	1.34E-06	9.57E+01	1.21E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MBN416	2.31E-02	4.50E+00	8.28E-03	4.49E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.51E-02	0.00E+00	1.97E-01	5.66E-10	1.35E-08	6.47E+00	1.25E-01	0.00E+00	0.00E+00	8.10E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.84E-03	1.74E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MBN416E	2.31E-02	4.50E+00	8.28E-03	4.49E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.51E-02	0.00E+00	1.97E-01	5.66E-10	1.35E-08	6.47E+00	1.25E-01	0.00E+00	0.00E+00	8.10E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.84E-03	1.74E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MBN420	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MBN420E	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MBN425	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MBN425E	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MBN432	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MBN432E	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MBN440	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MBN440E	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MBN450	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MBN450E	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MBN463	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MBN463E	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MBN506	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MBN506E	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MBN510	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN510E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN513E	9.83E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MBN516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.84E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MBN516E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBN520	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBN520E	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBN525	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBN525E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBN532	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBN532E	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBN540	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MBN540E	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MBN550	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBN550E	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBN563	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MBN563E	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MBN606	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN606E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBN610	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBN610E	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBN613	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBN613E	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBN616	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBN616E	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBN620	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBN620E	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBN625	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MBN625E	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MBN632	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN632E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBN640	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBN640E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBN650	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MBN650E	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MBN663	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MBN663E	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MBS006C	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MBS010C	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MBS013C	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MBS016C	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MBS106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02

MBS110	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
MBS113	4.89E-03	9.55E-01	1.76E-03	9.53E-01	0.00E+00	0.00E+00	1.80E+00	2.51E-06	5.96E-04	9.57E-03	0.00E+00	4.18E-02	1.20E-10	2.87E-09	1.37E+00	2.64E-02	0.00E+00	0.00E+00	1.72E-03	1.61E-01	2.41E+01	0.00E+00	4.63E-09	3.94E-08	1.87E-03	3.70E-05	6.38E+00	0.00E+00	2.41E+01	3.38E-07	2.41E+01	3.05E+01	6.38E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-02
MBS116	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
MBS120	5.96E-03	1.16E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.26E-04	1.17E-02	0.00E+00	5.10E-02	1.46E-10	3.49E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.09E-03	1.96E-01	2.94E+01	0.00E+00	5.64E-09	4.80E-08	2.28E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.11E-07	2.94E+01	3.71E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
MBS120W	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MBS125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MBS132	1.01E-02	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MBS140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MBS150	1.19E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBS163	1.70E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MBS206C	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MBS210C	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS210E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS213C	9.83E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MBS216C	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBS216E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBS220E	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBS225E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBS232E	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBS263E	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MBS306	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBS310C	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBS313	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBS313C	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBS316	1.35E-02	2.64E+00	4.86E-03	2.63E+00	0.00E+00	0.00E+00	4.98E+00	6.95E-06	1.65E-03	2.65E-02	0.00E+00	1.16E-01	3.32E-10	7.93E-09	3.79E+00	7.30E-02	0.00E+00	0.00E+00	4.75E-03	4.46E-01	6.66E+01	0.00E+00	1.28E-08	1.09E-07	5.18E-03	1.02E-04	1.76E+01	0.00E+00	6.66E+01	9.33E-07	6.66E+01	8.42E+01	1.76E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-01
MBS316C	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBS320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBS320W	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBS325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MBS332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBS340	3.87E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBS350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MBS363	4.20E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MBS506	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MBS506E	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MBS510	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS510E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS513	9.83E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MBS516	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBS516E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MBS520	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBS520E	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MBS525	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBS525E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MBS532	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBS532E	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MBS540E	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MBS550E	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MBS563E	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MBS606	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS606E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MBS610	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBS610E	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MBS613	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MBS616	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBS616E	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MBS620	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBS620E	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MBS625	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MBS625E	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MBS632	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBS632E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MBS640	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBS640E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MBS650E	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MBS663E	4.20E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MC100A	2.19E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.48E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MC101A	2.19E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.48E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MC102A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MC103A	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MC104A	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MC106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MC110A	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MC110P	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MC113A	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MC116A	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MC116P	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MC120A	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MC120P	4.49E-03	8.75E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.46E-04	8.78E-03	0.00E+00	3.84E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.85E+00	0.00E+00	2.21E+01	3.10E-07	2.21E+01	2.79E+01	5.85E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
MC125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02

MC132A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MC140A	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MC150A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MC163A	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MC201A	4.71E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MC202A	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.28E-04	1.17E-02	0.00E+00	5.12E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.81E-08	2.29E-03	4.52E-05	7.80E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.80E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
MC203A	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MC204A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MC206A	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MC210A	6.65E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MC210P	6.65E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MC213A	9.62E-03	1.88E+00	3.45E-03	1.87E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.22E-02	2.36E-10	5.63E-09	2.70E+00	5.19E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.73E+01	0.00E+00	9.09E-09	7.74E-08	3.68E-03	7.27E-05	1.25E+01	0.00E+00	4.73E+01	6.64E-07	4.73E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MC216A	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MC220A	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MC225A	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MC232A	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MC240A	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MC250A	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
MC263A	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MC301A	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.60E+00	3.62E-06	8.58E-04	1.38E-02	0.00E+00	6.03E-02	1.73E-10	4.13E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.67E-09	5.67E-08	2.70E-03	5.33E-05	9.19E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.19E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
MC302A	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.39E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.86E-02	2.25E-10	5.38E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.03E-01	4.52E+01	0.00E+00	8.69E-09	7.39E-08	3.52E-03	6.95E-05	1.20E+01	0.00E+00	4.52E+01	6.34E-07	4.52E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MC303A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MC304A	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.25E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MC306A	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MC310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MC310P	9.79E-03	1.91E+00	3.51E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.91E-02	0.00E+00	8.37E-02	2.40E-10	5.73E-09	2.74E+00	5.28E-02	0.00E+00	0.00E+00	3.44E-03	3.22E-01	4.82E+01	0.00E+00	9.25E-09	7.87E-08	3.75E-03	7.40E-05	1.28E+01	0.00E+00	4.82E+01	6.75E-07	4.82E+01	6.09E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.46E-01
MC313A	1.41E-02	2.75E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.20E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.21E-01	3.46E-10	8.26E-09	3.95E+00	7.61E-02	0.00E+00	0.00E+00	4.95E-03	4.65E-01	6.94E+01	0.00E+00	1.33E-08	1.13E-07	5.40E-03	1.07E-04	1.84E+01	0.00E+00	6.94E+01	9.73E-07	6.94E+01	8.78E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
MC316A	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.25E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MC316P	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.25E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MC320A	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MC325A	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MC332A	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MC340A	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MC350A	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.19E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MC363A	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MC400A	9.84E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MC406A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MC410A	1.69E-02	3.29E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.22E+00	8.67E-06	2.06E-03	3.30E-02	0.00E+00	1.44E-01	4.14E-10	9.89E-09	4.73E+00	9.11E-02	0.00E+00	0.00E+00	5.93E-03	5.56E-01	8.31E+01	0.00E+00	1.60E-08	1.36E-07	6.47E-03	1.28E-04	2.20E+01	0.00E+00	8.31E+01	1.16E-06	8.31E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.52E-01
MC413A	1.88E-02	3.67E+00	6.75E-03	3.66E+00	0.00E+00	0.00E+00	6.93E+00	9.66E-06	2.29E-03	3.68E-02	0.00E+00	1.61E-01	4.61E-10	1.10E-08	5.27E+00	1.02E-01	0.00E+00	0.00E+00	6.60E-03	6.19E-01	9.26E+01	0.00E+00	1.78E-08	1.51E-07	7.20E-03	1.42E-04	2.45E+01	0.00E+00	9.26E+01	1.30E-06	9.26E+01	1.17E+02	2.45E+01	0.00E+00	0.00E+00	0.00E+00	2.81E-01
MC416A	1.87E-02	3.64E+00	6.70E-03	3.64E+00	0.00E+00	0.00E+00	6.88E+00	9.59E-06	2.27E-03	3.65E-02	0.00E+00	1.60E-01	4.58E-10	1.09E-08	5.24E+00	1.01E-01	0.00E+00	0.00E+00	6.56E-03	6.15E-01	9.20E+01	0.00E+00	1.77E-08	1.50E-07	7.16E-03	1.41E-04	2.43E+01	0.00E+00	9.20E+01	1.29E-06	9.20E+01	1.16E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.79E-01
MC420A	2.48E-02	4.84E+00	8.90E-03	4.83E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.85E-02	0.00E+00	2.12E-01	6.08E-10	1.45E-08	6.95E+00	1.34E-01	0.00E+00	0.00E+00	8.70E-03	8.16E-01	1.22E+02	0.00E+00	2.34E-08	1.99E-07	9.50E-03	1.87E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.54E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MC425A	2.91E-02	5.67E+00	1.04E-02	5.66E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.68E-02	0.00E+00	2.48E-01	7.13E-10	1.70E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.11E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MC432A	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MC440A	4.55E-02	8.88E+00	1.63E-02	8.86E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.54E-03	8.90E-02	0.00E+00	3.89E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.66E-07	1.74E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.83E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.80E-01
MC450A	4.21E-02	8.21E+00	1.51E-02	8.20E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.12E-03	8.23E-02	0.00E+00	3.60E-01	1.03E-09	2.47E-08	1.18E+01	2.27E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.07E+02	0.00E+00	3.98E-08	3.39E-07	1.61E-02	3.18E-04	5.49E+01	0.00E+00	2.07E+02	2.90E-06	2.07E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.29E-01
MC463A	5.26E-02	1.03E+01	1.89E-02	1.02E+01	0.00E+00	0.00E+00	1.94E+01	2.70E-05	6.41E-03	1.03E-01	0.00E+00	4.50E-01	1.29E-09	3.08E-08	1.48E+01	2.84E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.59E+02	0.00E+00	4.98E-08	4.23E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.59E+02	3.63E-06	2.59E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.86E-01
MC506A	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MC510A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MC513A	9.62E-03	1.88E+00	3.45E-03	1.87E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.22E-02	2.36E-10	5.63E-09	2.70E+00	5.19E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.73E+01	0.00E+00	9.09E-09	7.74E-08	3.68E-03	7.27E-05	1.25E+01	0.00E+00	4.73E+01	6.64E-07	4.73E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MC516A	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MC520A	1.18E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MC525A	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MC532A	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MC540A	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MC563A	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MCA103	4.79E-03	9.34E-01	1.72E-03	9.32E-01	0.00E+00	0.00E+00	1.76E+00	2.46E-06	5.83E-04	9.36E-03	0.00E+00	4.09E-02	1.17E-10	2.80E-09	1.34E+00	2.58E-02	0.00E+00	0.00E+00	1.68E-03	1.58E-01	2.36E+01	0.00E+00	4.52E-09	3.85E-08	1.83E-03	3.62E-05	6.24E+00	0.00E+00	2.36E+01	3.30E-07	2.36E+01	2.98E+01	6.24E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-02
MCA104	5.60E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.82E-04	1.09E-02	0.00E+00	4.79E-02	1.37E-10	3.28E-09	1.57E+00	3.02E-02	0.00E+00	0.00E+00	1.97E-03	1.84E-01	2.76E+01	0.00E+00	5.29E-09	4.50E-08	2.15E-03	4.23E-05	7.30E+00	0.00E+00	2.76E+01	3.86E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-02
MCA140	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.65E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.18E-01
MCA150	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
MCA163	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
MCA202	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MCA204	1.14E-02	2.23E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.88E-06	1.39E-03	2.24E-02	0.00E+00	9.79E-02	2.81E-10	6.71E-09	3.21E+00	6.18E-02	0.00E+00	0.00E+00	4.02E-03	3.77E-01	5.64E+01	0.00E+00	1.08E-08	9.21E-08	4.39E-03	8.66E-05	1.49E+01	0.00E+00	5.64E+01	7.90E-07	5.64E+01	7.13E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
MCA206	5.72E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.97E-04	1.12E-02	0.00E+00	4.90E-02	1.40E-10	3.36E-09	1.61E+00	3.09E-02	0.00E+00	0.00E+00	2.01E-03	1.89E-01	2.82E+01	0.00E+00	5.41E-09	4.61E-08	2.19E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.95E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-02
MCA210	8.82E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
MCA216	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
MCA220	1.13E-02	2.21E+00	4.06E-03	2.20E+00	0.00E+00	0.00E+00	4.17E+00	5.80E-06	1.38E-03	2.21E-02	0.00E+00	9.67E-02	2.77E-10	6.62E-09	3.17E+00	6.10E-02	0.00E+00	0.00E+00	3.97E-03	3.72E-01	5.57E+01	0.00E+00	1.07E-08	9.09E-08	4.33E-03	8.54E-05	1.47E+01	0.00E+00	5.57E+01	7.80E-07	5.57E+01	7.04E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
MCA225	1.54E-02	3.00E+00	5.52E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.90E-06	1.87E-03	3.01E-02	0.00E+00	1.32E-01	3.77E-10	9.02E-09	4.31E+00	8.31E-02	0.00E+00	0.00E+00	5.40E-03	5.07E-01	7.58E+01	0.00E+00	1.45E-08	1.24E-07	5.89E-03	1.16E-04	2.00E+01	0.00E+00	7.58E+01	1.06E-06	7.58E+01	9.58E+01	2.00E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
MCA232	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MCA240	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.91E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCA250	2.26E-02	4.42E+00	8.13E-03	4.41E+00	0.00E+00	0.00E+00	8.35E+00	1.16E-05	2.76E-03	4.43E-02	0.00E+00	1.94E-01	5.56E-10	1.33E-08	6.35E+00	1.22E-01	0.00E+00	0.00E+00	7.95E-03	7.46E-01	1.12E+02	0.00E+00	2.14E-08	1.82E-07	8.68E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.38E-01
MCA263	2.80E-02	5.46E+00	1.00E-02	5.45E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.47E-02	0.00E+00	2.39E-01	6.87E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.83E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.25E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
MCA310	1.31E-02	2.56E+00	4.70E-03	2.55E+00	0.00E+00	0.00E+00	4.83E+00	6.73E-06	1.59E-03	2.56E-02	0.00E+00	1.12E-01	3.21E-10	7.68E-09	3.67E+00	7.07E-02	0.00E+00	0.00E+00	4.60E-03	4.31E-01	6.45E+01	0.00E+00	1.24E-08	1.05E-07	5.02E-03	9.90E-05	1.71E+01	0.00E+00	6.45E+01	9.04E-07	6.45E+01	8.16E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
MCA316	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
MCA320	1.72E-02	3.35E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.82E-06	2.09E-03	3.36E-02	0.00E+00	1.47E-01	4.21E-10	1.01E-08	4.82E+00	9.27E-02	0.00E+00	0.00E+00	6.03E-03	5.66E-01	8.46E+01	0.00E+00	1.62E-08	1.38E-07	6.58E-03	1.30E-04	2.24E+01	0.00E+00	8.46E+01	1.19E-06	8.46E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
MCA325	2.35E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.51E-01
MCA332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MCA340	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MCA350	3.29E-02	6.42E+00	1.18E-02	6.41E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.44E-02	0.00E+00	2.81E-01	8.07E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.92E-01
MCA410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.53E+00	9.10E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.56E-02	0.00E+00	0.00E+00	6.22E-03	5.83E-01	8.72E+01	0.00E+00	1.67E-08	1.43E-07	6.79E-03	1.34E-04	2.31E+01	0.00E+00	8.72E+01	1.22E-06	8.72E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
MCA416	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
MCA420	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01

MCA425	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-01
MCA432	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-01
MCA440	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-01
MCA450	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-01
MCA463	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-01
MCA506	5.72E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.97E-04	1.12E-02	0.00E+00	4.90E-02	1.40E-10	3.36E-09	1.61E+00	3.09E-02	0.00E+00	0.00E+00	2.01E-03	1.89E-01	2.82E+01	0.00E+00	5.41E-09	4.61E-08	2.19E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.95E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-02
MCA510	8.83E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
MCA516	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.63E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-01
MCA520	1.13E-02	2.21E+00	4.06E-03	2.20E+00	0.00E+00	0.00E+00	4.17E+00	5.80E-06	1.38E-03	2.21E-02	0.00E+00	9.67E-02	2.77E-10	6.62E-09	3.17E+00	6.10E-02	0.00E+00	0.00E+00	3.97E-03	3.72E-01	5.57E+01	0.00E+00	1.07E-08	9.09E-08	4.33E-03	8.54E-05	1.47E+01	0.00E+00	5.57E+01	7.80E-07	5.57E+01	7.04E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-01
MCA525	1.54E-02	3.00E+00	5.52E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.90E-06	1.87E-03	3.01E-02	0.00E+00	1.32E-01	3.77E-10	9.02E-09	4.31E+00	8.31E-02	0.00E+00	0.00E+00	5.40E-03	5.07E-01	7.58E+01	0.00E+00	1.45E-08	1.24E-07	5.89E-03	1.16E-04	2.00E+01	0.00E+00	7.58E+01	1.06E-06	7.58E+01	9.58E+01	2.00E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01
MCA532	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MCA540	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCN001	2.19E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.48E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MCN002	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN003	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MCN004	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MCN006	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN008	4.27E-03	8.34E-01	1.53E-03	8.32E-01	0.00E+00	0.00E+00	1.57E+00	2.19E-06	5.20E-04	8.36E-03	0.00E+00	3.65E-02	1.05E-10	2.50E-09	1.20E+00	2.31E-02	0.00E+00	0.00E+00	1.50E-03	1.41E-01	2.10E+01	0.00E+00	4.04E-09	3.44E-08	1.64E-03	3.23E-05	5.57E+00	0.00E+00	2.10E+01	2.95E-07	2.10E+01	2.66E+01	5.57E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-02
MCN010	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MCN013	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MCN016	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MCN020	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MCN025	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MCN032	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MCN040	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MCN099	2.19E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.48E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MCN100	2.13E-04	4.16E-02	7.65E-05	4.15E-02	0.00E+00	0.00E+00	7.86E-02	1.09E-07	2.60E-05	4.17E-04	0.00E+00	1.82E-03	5.23E-12	1.25E-10	5.98E-02	1.15E-03	0.00E+00	0.00E+00	7.49E-05	7.02E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.17E-05	1.61E-06	2.78E-01	0.00E+00	1.05E+00	1.47E-08	1.05E+00	1.33E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MCN100E	2.19E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.48E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MCN101	2.13E-04	4.16E-02	7.65E-05	4.15E-02	0.00E+00	0.00E+00	7.86E-02	1.09E-07	2.60E-05	4.17E-04	0.00E+00	1.82E-03	5.23E-12	1.25E-10	5.98E-02	1.15E-03	0.00E+00	0.00E+00	7.49E-05	7.02E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.17E-05	1.61E-06	2.78E-01	0.00E+00	1.05E+00	1.47E-08	1.05E+00	1.33E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MCN101E	2.13E-04	4.16E-02	7.65E-05	4.15E-02	0.00E+00	0.00E+00	7.86E-02	1.09E-07	2.60E-05	4.17E-04	0.00E+00	1.82E-03	5.23E-12	1.25E-10	5.98E-02	1.15E-03	0.00E+00	0.00E+00	7.49E-05	7.02E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.17E-05	1.61E-06	2.78E-01	0.00E+00	1.05E+00	1.47E-08	1.05E+00	1.33E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MCN102	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN102E	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN103	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MCN103E	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MCN104	4.10E-03	8.00E-01	1.47E-03	7.99E-01	0.00E+00	0.00E+00	1.51E+00	2.11E-06	4.99E-04	8.02E-03	0.00E+00	3.51E-02	1.01E-10	2.40E-09	1.15E+00	2.21E-02	0.00E+00	0.00E+00	1.44E-03	1.35E-01	2.02E+01	0.00E+00	3.88E-09	3.30E-08	1.57E-03	3.10E-05	5.35E+00	0.00E+00	2.02E+01	2.83E-07	2.02E+01	2.55E+01	5.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-02
MCN104E	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MCN106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN106E	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCN110	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MCN110A	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MCN110E	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MCN113	4.89E-03	9.55E-01	1.76E-03	9.53E-01	0.00E+00	0.00E+00	1.80E+00	2.51E-06	5.96E-04	9.57E-03	0.00E+00	4.18E-02	1.20E-10	2.87E-09	1.37E+00	2.64E-02	0.00E+00	0.00E+00	1.72E-03	1.61E-01	2.41E+01	0.00E+00	4.63E-09	3.94E-08	1.87E-03	3.70E-05	6.38E+00	0.00E+00	2.41E+01	3.38E-07	2.41E+01	3.05E+01	6.38E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-02
MCN113E	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MCN116	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MCN116A	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MCN116E	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MCN120	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MCN120A	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MCN120E	6.41E-02	1.25E+01	2.30E-02	1.25E+01	0.00E+00	0.00E+00	2.36E+01	3.29E-05	7.80E-03	1.25E-01	0.00E+00	5.48E-01	1.57E-09	3.76E-08	1.80E+01	3.46E-01	0.00E+00	0.00E+00	2.25E-02	2.11E+00	3.16E+02	0.00E+00	6.06E-08	5.16E-07	2.46E-02	4.85E-04	8.35E+01	0.00E+00	3.16E+02	4.42E-06	3.16E+02	3.99E+02	8.35E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-01
MCN125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MCN125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MCN125E	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MCN132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MCN132A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MCN132E	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MCN140	1.03E-02	2.02E+00	3.71E-03	2.01E+00	0.00E+00	0.00E+00	3.81E+00	5.31E-06	1.26E-03	2.02E-02	0.00E+00	8.84E-02	2.54E-10	6.06E-09	2.90E+00	5.58E-02	0.00E+00	0.00E+00	3.63E-03	3.41E-01	5.09E+01	0.00E+00	9.78E-09	8.32E-08	3.96E-03	7.82E-05	1.35E+01	0.00E+00	5.09E+01	7.14E-07	5.09E+01	6.44E+01	1.35E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-01
MCN140A	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MCN140E	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MCN150	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN150A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN150E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN163	1.59E-02	3.10E+00	5.70E-03	3.09E+00	0.00E+00	0.00E+00	5.85E+00	8.15E-06	1.93E-03	3.11E-02	0.00E+00	1.36E-01	3.89E-10	9.30E-09	4.45E+00	8.57E-02	0.00E+00	0.00E+00	5.58E-03	5.23E-01	7.82E+01	0.00E+00	1.50E-08	1.28E-07	6.08E-03	1.20E-04	2.07E+01	0.00E+00	7.82E+01	1.10E-06	7.82E+01	9.89E+01	2.07E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01
MCN163A	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MCN163E	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MCN200	4.71E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MCN200E	4.71E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MCN201	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.28E-04	1.17E-02	0.00E+00	5.12E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.81E-08	2.29E-03	4.52E-05	7.80E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.80E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
MCN201E	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.28E-04	1.17E-02	0.00E+00	5.12E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.81E-08	2.29E-03	4.52E-05	7.80E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.80E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
MCN202	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MCN202E	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MCN203	8.55E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MCN203E	8.55E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MCN204	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN204E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN206	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MCN206A	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MCN206E	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MCN208E	8.55E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MCN210	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN210A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01

MCN210E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN213	9.82E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCN213E	9.83E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCN216	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN216A	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MCN216E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN220	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCN220A	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MCN220E	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCN225	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN225A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN225E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN232	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCN232A	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCN232E	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCN240	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MCN240A	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MCN240E	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MCN250	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCN250A	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCN250E	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCN263	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MCN263A	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MCN263E	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MCN300	7.27E-03	1.42E+00	2.61E-03	1.41E+00	0.00E+00	0.00E+00	2.68E+00	3.73E-06	8.85E-04	1.42E-02	0.00E+00	6.21E-02	1.78E-10	4.26E-09	2.04E+00	3.92E-02	0.00E+00	0.00E+00	2.55E-03	2.39E-01	3.58E+01	0.00E+00	6.87E-09	5.85E-08	2.78E-03	5.49E-05	9.47E+00	0.00E+00	3.58E+01	5.01E-07	3.58E+01	4.52E+01	9.47E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
MCN300E	7.27E-03	1.42E+00	2.61E-03	1.41E+00	0.00E+00	0.00E+00	2.68E+00	3.73E-06	8.85E-04	1.42E-02	0.00E+00	6.21E-02	1.78E-10	4.26E-09	2.04E+00	3.92E-02	0.00E+00	0.00E+00	2.55E-03	2.39E-01	3.58E+01	0.00E+00	6.87E-09	5.85E-08	2.78E-03	5.49E-05	9.47E+00	0.00E+00	3.58E+01	5.01E-07	3.58E+01	4.52E+01	9.47E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
MCN301	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.39E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.86E-02	2.25E-10	5.38E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.03E-01	4.52E+01	0.00E+00	8.69E-09	7.39E-08	3.52E-03	6.95E-05	1.20E+01	0.00E+00	4.52E+01	6.34E-07	4.52E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MCN301E	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.39E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.86E-02	2.25E-10	5.38E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.03E-01	4.52E+01	0.00E+00	8.69E-09	7.39E-08	3.52E-03	6.95E-05	1.20E+01	0.00E+00	4.52E+01	6.34E-07	4.52E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MCN302	8.77E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MCN302E	9.40E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MCN303	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN303E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN304	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.25E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MCN304E	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.25E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MCN306	8.17E-03	1.59E+00	2.93E-03	1.59E+00	0.00E+00	0.00E+00	3.01E+00	4.19E-06	9.94E-04	1.60E-02	0.00E+00	6.98E-02	2.00E-10	4.78E-09	2.29E+00	4.41E-02	0.00E+00	0.00E+00	2.87E-03	2.69E-01	4.02E+01	0.00E+00	7.72E-09	6.57E-08	3.13E-03	6.17E-05	1.06E+01	0.00E+00	4.02E+01	5.63E-07	4.02E+01	5.08E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.22E-01
MCN306A	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN306E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN308	1.30E-02	2.54E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.69E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.64E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	4.99E-03	9.85E-05	1.70E+01	0.00E+00	6.42E+01	8.99E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MCN310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MCN310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MCN310E	9.78E-03	1.91E+00	3.51E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.91E-02	0.00E+00	8.37E-02	2.40E-10	5.73E-09	2.74E+00	5.28E-02	0.00E+00	0.00E+00	3.44E-03	3.22E-01	4.82E+01	0.00E+00	9.25E-09	7.87E-08	3.75E-03	7.40E-05	1.28E+01	0.00E+00	4.82E+01	6.75E-07	4.82E+01	6.09E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.46E-01
MCN313	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCN313E	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCN316	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCN316A	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCN316E	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.24E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MCN320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCN320A	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCN320E	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCN325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCN325A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCN325E	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCN332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN332A	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN332E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN340	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCN340A	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCN340E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCN350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MCN350A	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MCN350E	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MCN363	3.90E-02	7.62E+00	1.40E-02	7.60E+00	0.00E+00	0.00E+00	1.44E+01	2.00E-05	4.75E-03	7.64E-02	0.00E+00	3.34E-01	9.58E-10	2.29E-08	1.09E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.92E+02	0.00E+00	3.69E-08	3.14E-07	1.50E-02	2.95E-04	5.09E+01	0.00E+00	1.92E+02	2.69E-06	1.92E+02	2.43E+02	5.09E+01	0.00E+00	0.00E+00	0.00E+00	5.83E-01
MCN363A	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCN363E	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCN400	9.63E-03	1.88E+00	3.45E-03	1.87E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.22E-02	2.36E-10	5.63E-09	2.70E+00	5.19E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.73E+01	0.00E+00	9.09E-09	7.74E-08	3.68E-03	7.27E-05	1.25E+01	0.00E+00	4.73E+01	6.64E-07	4.73E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MCN400E	9.62E-03	1.88E+00	3.45E-03	1.87E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.22E-02	2.36E-10	5.63E-09	2.70E+00	5.19E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.73E+01	0.00E+00	9.09E-09	7.74E-08	3.68E-03	7.27E-05	1.25E+01	0.00E+00	4.73E+01	6.64E-07	4.73E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MCN401	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.26E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MCN401E	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.26E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MCN402	1.16E-02	2.25E+00	4.14E-03	2.25E+00	0.00E+00	0.00E+00	4.25E+00	5.93E-06	1.40E-03	2.26E-02	0.00E+00	9.87E-02	2.83E-10	6.76E-09	3.24E+00	6.23E-02	0.00E+00	0.00E+00	4.05E-03	3.80E-01	5.68E+01	0.00E+00	1.09E-08	9.28E-08	4.42E-03	8.72E-05	1.50E+01	0.00E+00	5.68E+01	7.96E-07	5.68E+01	7.19E+01	1.50E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
MCN402E	1.16E-02	2.25E+00	4.14E-03	2.25E+00	0.00E+00	0.00E+00	4.25E+00	5.93E-06	1.40E-03	2.26E-02	0.00E+00	9.87E-02	2.83E-10	6.76E-09	3.24E+00	6.23E-02	0.00E+00	0.00E+00	4.05E-03	3.80E-01	5.68E+01	0.00E+00	1.09E-08	9.28E-08	4.42E-03	8.72E-05	1.50E+01	0.00E+00	5.68E+01	7.96E-07	5.68E+01	7.19E+01	1.50E+01	0.00E+00	0.00E+00	0.00E+00	1.72E-01
MCN403	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MCN404	1.65E-02	3.21E+00	5.91E-03	3.20E+00	0.00E+00	0.00E+00	6.06E+00	8.45E-06	2.00E-03	3.22E-02	0.00E+00	1.41E-01	4.04E-10	9.64E-09	4.61E+00	8.88E-02	0.00E+00	0.00E+00	5.78E-03	5.42E-01	8.10E+01	0.00E+00	1.56E-08	1.32E-07	6.30E-03	1.24E-04	2.14E+01	0.00E+00	8.10E+01	1.14E-06	8.10E+01	1.02E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
MCN404E	1.65E-02	3.21E+00	5.91E-03	3.20E+00	0.00E+00	0.00E+00	6.06E+00	8.45E-06	2.00E-03	3.22E-02	0.00E+00	1.41E-01	4.04E-10	9.64E-09	4.61E+00	8.88E-02	0.00E+00	0.00E+00	5.78E-03	5.42E-01	8.10E+01	0.00E+00	1.56E-08	1.32E-07	6.30E-03	1.24E-04	2.14E+01	0.00E+00	8.10E+01	1.14E-06	8.10E+01	1.02E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
MCN406	1.07E-02	2.09E+00	3.84E-03	2.08E+00	0.00E+00	0.00E+00	3.95E+00	5.50E-06	1.30E-03	2.09E-02	0.00E+00	9.15E-02	2.63E-10	6.27E-09	3.00E+00	5.78E-02	0.00E+00	0.00E+00	3.76E-03	3.53E-01	5.27E+01	0.00E+00	1.01E-08	8.61E-08	4.10E-03	8.09E-05	1.40E+01	0.00E+00	5.27E+01	7.39E-07	5.27E+01	6.67E+01	1.40E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MCN406A	1.07E-02	2.08E+00	3.84E-03	2.08E+00	0.00E+00	0.00E+00	3.94E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.14E-02	2.62E-10	6.26E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.75E-03	3.52E-01	5.26E+01	0.00E+00	1.01E-08	8.60E-08	4.09E-03	8.08E-05	1.39E+01	0.00E+00	5.26E+01	7.37E-07	5.26E+01	6.65E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MCN410	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MCN410A	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MCN410E	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MCN413	1.94E-02	3.79E+00	6.98E-03	3.79E+00	0.00E+00	0.00E+00	7.17E+00	9.99E-06	2.37E-03	3.80E-02	0.00E+00	1.66E-01	4.77E-10	1.14E-08	5.45E+00	1.05E-01	0.00E+00	0.00E+00	6.83E-03	6.40E-01	9.57E+01	0.00E+00	1.84E-08	1.56E-07	7.45E-03	1.47E-04	2.53E+01	0.00E+00	9.57E+01	1.34E-06	9.57E+01	1.21E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MCN413E	1.94E-02	3.79E+00	6.98E-03	3.79E+00	0.00E+00	0.00E+00	7.17E+00	9.99E-06	2.37E-03	3.80E-02	0.00E+00	1.66E-01	4.77E-10	1.14E-08	5.45E+00	1.05E-01	0.00E+00	0.00E+00	6.83E-03	6.40E-01	9.57E+01	0.00E+00	1.84E-08	1.56E-07	7.45E-03	1.47E-04	2.53E+01	0.00E+00	9.57E+01	1.34E-06	9.57E+01	1.21E+02	2.53E+01	0.00E+00	0.00E+00	0.00E+00	2.91E-01
MCN416	2.30E-02	4.49E+00	8.26E-03	4.48E+00	0.00E+00	0.00E+00	8.48E+00	1.18E-05	2.80E-03	4.50E-02	0.00E+00	1.97E-01	5.64E-10	1.35E-08	6.45E+00	1.24E-01	0.00E+00	0.00E+00	8.08E-03	7.58E-01	1.13E+02	0.00E+00	2.18E-08	1.85E-07	8.82E-03	1.74E-04	3.00E+01	0.00E+00	1.13E+02	1.59E-06	1.13E+02	1.43E+02	3.00E+01	0.00E+00	0.00E+00	0.00E+00	3.44E-01

MCN416A	2.31E-02	4.50E+00	8.28E-03	4.49E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.51E-02	0.00E+00	1.97E-01	5.66E-10	1.35E-08	6.47E+00	1.25E-01	0.00E+00	0.00E+00	8.10E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.84E-03	1.74E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MCN416E	2.31E-02	4.50E+00	8.28E-03	4.49E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.51E-02	0.00E+00	1.97E-01	5.66E-10	1.35E-08	6.47E+00	1.25E-01	0.00E+00	0.00E+00	8.10E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.84E-03	1.74E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MCN420	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MCN420A	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MCN420E	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MCN425	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MCN425A	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MCN425E	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MCN432	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MCN432A	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MCN432E	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MCN440	4.79E-02	9.35E+00	1.72E-02	9.34E+00	0.00E+00	0.00E+00	1.77E+01	2.46E-05	5.84E-03	9.38E-02	0.00E+00	4.10E-01	1.18E-09	2.81E-08	1.34E+01	2.59E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.53E-08	3.86E-07	1.84E-02	3.62E-04	6.25E+01	0.00E+00	2.36E+02	3.31E-06	2.36E+02	2.99E+02	6.25E+01	0.00E+00	0.00E+00	0.00E+00	7.17E-01
MCN440A	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MCN440E	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MCN450	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MCN450A	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MCN450E	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MCN463	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MCN463A	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MCN463E	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MCN500	4.71E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MCN501	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.28E-04	1.17E-02	0.00E+00	5.12E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.81E-08	2.29E-03	4.52E-05	7.80E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.80E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
MCN502	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MCN503	8.55E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MCN504	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN506	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MCN506E	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MCN508E	8.55E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MCN510	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN510E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN513	8.93E-03	1.74E+00	3.21E-03	1.74E+00	0.00E+00	0.00E+00	3.29E+00	4.59E-06	1.09E-03	1.75E-02	0.00E+00	7.64E-02	2.19E-10	5.23E-09	2.50E+00	4.82E-02	0.00E+00	0.00E+00	3.14E-03	2.94E-01	4.40E+01	0.00E+00	8.44E-09	7.19E-08	3.42E-03	6.75E-05	1.16E+01	0.00E+00	4.40E+01	6.16E-07	4.40E+01	5.56E+01	1.16E+01	0.00E+00	0.00E+00	0.00E+00	1.33E-01
MCN513E	9.83E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCN516	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN516E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCN520	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCN520E	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCN525	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN525E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN532	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCN532E	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCN540	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MCN540E	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MCN550	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCN550E	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCN563	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MCN563E	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MCN600	7.28E-03	1.42E+00	2.61E-03	1.41E+00	0.00E+00	0.00E+00	2.68E+00	3.73E-06	8.85E-04	1.42E-02	0.00E+00	6.21E-02	1.78E-10	4.26E-09	2.04E+00	3.92E-02	0.00E+00	0.00E+00	2.55E-03	2.39E-01	3.58E+01	0.00E+00	6.87E-09	5.85E-08	2.78E-03	5.49E-05	9.47E+00	0.00E+00	3.58E+01	5.01E-07	3.58E+01	4.52E+01	9.47E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
MCN601	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.39E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.86E-02	2.25E-10	5.38E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.03E-01	4.52E+01	0.00E+00	8.69E-09	7.39E-08	3.52E-03	6.95E-05	1.20E+01	0.00E+00	4.52E+01	6.34E-07	4.52E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MCN602	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MCN603	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCN604	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.26E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MCN606	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN606E	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCN610	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MCN610E	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MCN613	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCN613E	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCN616	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCN616E	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCN620	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCN620E	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCN625	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCN625E	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCN632	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN632E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCN640	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCN640E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCN650	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MCN650E	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MCN663	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCN663E	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCS006C	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCS010C	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MCS013C	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MCS016C	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MCS020C	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MCS106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MCS110	3.48E-03	6.80E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02
MCS113	4.89E-03	9.55E-01	1.76E-03	9.53E-01	0.00E+00	0.00E+00	1.80E+00	2.51E-06	5.96E-04	9.57E-03	0.00E+00	4.18E-02	1.20E-10	2.87E-09	1.37E+00	2.64E-02	0.00E+00	0.00E+00	1.72E-03	1.61E-01	2.41E+01	0.00E+00	4.63E-09	3.94E-08	1.87E-03	3.70E-05	6.38E+00	0.00E+00	2.41E+01	3.38E-07	2.41E+01	3.05E+01	6.38E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-02
MCS116	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MCS120	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02

MCS120W	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MCS125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MCS132	1.01E-02	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MCS140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MCS150	1.19E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCS163	1.70E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MCS206C	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MCS206E	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MCS210C	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS210E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS213C	9.83E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCS216C	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCS216E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCS220C	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCS220E	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCS225E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCS240E	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MCS250E	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCS263E	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MCS306	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS306C	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS310	9.78E-03	1.91E+00	3.51E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.91E-02	0.00E+00	8.37E-02	2.40E-10	5.73E-09	2.74E+00	5.28E-02	0.00E+00	0.00E+00	3.44E-03	3.22E-01	4.82E+01	0.00E+00	9.25E-09	7.87E-08	3.75E-03	7.40E-05	1.28E+01	0.00E+00	4.82E+01	6.75E-07	4.82E+01	6.09E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.46E-01
MCS310C	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MCS313	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCS313C	1.34E-02	2.61E+00	4.81E-03	2.61E+00	0.00E+00	0.00E+00	4.94E+00	6.88E-06	1.63E-03	2.62E-02	0.00E+00	1.15E-01	3.29E-10	7.85E-09	3.76E+00	7.23E-02	0.00E+00	0.00E+00	4.70E-03	4.41E-01	6.60E+01	0.00E+00	1.27E-08	1.08E-07	5.13E-03	1.01E-04	1.75E+01	0.00E+00	6.60E+01	9.25E-07	6.60E+01	8.34E+01	1.75E+01	0.00E+00	0.00E+00	0.00E+00	2.00E-01
MCS316	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.24E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MCS316C	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.24E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MCS320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCS320C	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCS325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCS332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCS340	3.87E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCS350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MCS363	4.20E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MCS506	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MCS510	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS510E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS513	9.82E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
MCS516	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCS516E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MCS520	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCS520E	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MCS525	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCS525E	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MCS532	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCS532E	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MCS540	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MCS540E	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MCS550	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCS550E	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MCS563	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MCS563E	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MCS606	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS606E	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MCS610	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MCS610E	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MCS613	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCS613E	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MCS616	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCS616E	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MCS620	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCS620E	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MCS625	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MCS625E	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MCS632	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCS632E	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MCS640	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MCS640E	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MFN701	2.14E-03	4.17E-01	7.67E-04	4.16E-01	0.00E+00	0.00E+00	7.88E-01	1.10E-06	2.60E-04	4.18E-03	0.00E+00	1.83E-02	5.24E-11	1.25E-09	5.99E-01	1.15E-02	0.00E+00	0.00E+00	7.51E-04	7.04E-02	1.05E+01	0.00E+00	2.02E-09	1.72E-08	8.19E-04	1.62E-05	2.79E+00	0.00E+00	1.05E+01	1.48E-07	1.05E+01	1.33E+01	2.79E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-02
MFN702	4.48E-03	8.75E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.46E-04	8.77E-03	0.00E+00	3.84E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.85E+00	0.00E+00	2.21E+01	3.10E-07	2.21E+01	2.79E+01	5.85E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
MFN706	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MFN706A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MFN710	5.55E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MFN710A	5.55E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MFN716	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFN716A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFN720	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFN720A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFN725	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MFN732	1.30E-02	2.54E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.69E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.64E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	4.99E-03	9.85E-05	1.70E+01	0.00E+00	6.42E+01	8.99E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MFN910	5.96E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02

MFN916	1.01E-02	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFN920	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFN925	1.33E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MFS701	2.14E-03	4.17E-01	7.67E-04	4.16E-01	0.00E+00	0.00E+00	7.87E-01	1.10E-06	2.60E-04	4.18E-03	0.00E+00	1.83E-02	5.24E-11	1.25E-09	5.99E-01	1.15E-02	0.00E+00	0.00E+00	7.50E-04	7.04E-02	1.05E+01	0.00E+00	2.02E-09	1.72E-08	8.19E-04	1.62E-05	2.78E+00	0.00E+00	1.05E+01	1.47E-07	1.05E+01	1.33E+01	2.78E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-02
MFS702	4.48E-03	8.75E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.46E-04	8.77E-03	0.00E+00	3.84E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.85E+00	0.00E+00	2.21E+01	3.10E-07	2.21E+01	2.79E+01	5.85E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
MFS706	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MFS710	5.55E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MFS716	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFS720	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MFS725	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MFS732	1.30E-02	2.54E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.69E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.64E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	4.99E-03	9.85E-05	1.70E+01	0.00E+00	6.42E+01	8.99E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MHN506	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MHN506A	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MHN510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.00E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.52E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.52E+01	3.54E-07	2.52E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MHN510A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MHN516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MHN516A	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.84E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MHN520	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MHN520A	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MHN525	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MHN525A	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MHN532	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MHN532A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MHN706	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MHN710	5.55E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MHS506	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MHS510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MHS516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MHT706	2.99E-03	5.84E-01	1.07E-03	5.83E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.64E-04	5.85E-03	0.00E+00	2.56E-02	7.34E-11	1.75E-09	8.39E-01	1.61E-02	0.00E+00	0.00E+00	1.05E-03	9.85E-02	1.47E+01	0.00E+00	2.83E-09	2.41E-08	1.15E-03	2.26E-05	3.90E+00	0.00E+00	1.47E+01	2.06E-07	1.47E+01	1.86E+01	3.90E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-02
MHT710	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MHT716	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MHT720	7.05E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.60E+00	3.62E-06	8.58E-04	1.38E-02	0.00E+00	6.03E-02	1.73E-10	4.13E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.67E-09	5.67E-08	2.70E-03	5.33E-05	9.19E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.19E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
MHT725	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MHT732	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MHT740	1.77E-02	3.46E+00	6.37E-03	3.45E+00	0.00E+00	0.00E+00	6.54E+00	9.11E-06	2.16E-03	3.47E-02	0.00E+00	1.52E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.68E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
MJ506J	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MJ510J	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MJ516J	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.84E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MJ520J	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MJ525J	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MJ532J	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MJ540J	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MJ706P	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MJ710P	5.55E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MJ716P	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MJ720P	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MJ725P	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MJ732P	1.30E-02	2.54E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.69E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.64E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	4.99E-03	9.85E-05	1.70E+01	0.00E+00	6.42E+01	8.99E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MJ740P	1.52E-02	2.96E+00	5.45E-03	2.95E+00	0.00E+00	0.00E+00	5.59E+00	7.79E-06	1.85E-03	2.97E-02	0.00E+00	1.30E-01	3.72E-10	8.89E-09	4.25E+00	8.19E-02	0.00E+00	0.00E+00	5.33E-03	5.00E-01	7.47E+01	0.00E+00	1.43E-08	1.22E-07	5.81E-03	1.15E-04	1.98E+01	0.00E+00	7.47E+01	1.05E-06	7.47E+01	9.45E+01	1.98E+01	0.00E+00	0.00E+00	0.00E+00	2.27E-01
MJN502A	1.93E-03	3.75E-01	6.90E-04	3.74E-01	0.00E+00	0.00E+00	7.09E-01	9.88E-07	2.34E-04	3.76E-03	0.00E+00	1.64E-02	4.72E-11	1.13E-09	5.39E-01	1.04E-02	0.00E+00	0.00E+00	6.75E-04	6.33E-02	9.47E+00	0.00E+00	1.82E-09	1.55E-08	7.37E-04	1.45E-05	2.51E+00	0.00E+00	9.47E+00	1.33E-07	9.47E+00	1.20E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
MJN504	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MJN504A	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MJN506	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MJN506A	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MJN510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MJN510A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MJN513A	8.54E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MJN516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MJN516A	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MJN520	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MJN520A	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MJN525	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MJN525A	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MJN532	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MJN532A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MJN540A	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MJN702	2.99E-03	5.84E-01	1.07E-03	5.83E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.64E-04	5.85E-03	0.00E+00	2.56E-02	7.34E-11	1.75E-09	8.39E-01	1.61E-02	0.00E+00	0.00E+00	1.05E-03	9.85E-02	1.47E+01	0.00E+00	2.83E-09	2.41E-08	1.15E-03	2.26E-05	3.90E+00	0.00E+00	1.47E+01	2.06E-07	1.47E+01	1.86E+01	3.90E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-02
MJN706	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MJN710	5.55E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MJN716	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MJN720	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MJN725	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MJN732	1.30E-02	2.54E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.69E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.64E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	4.99E-03	9.85E-05	1.70E+01	0.00E+00	6.42E+01	8.99E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MJN740	1.52E-02	2.96E+00	5.45E-03	2.95E+00	0.00E+00	0.00E+00	5.59E+00	7.79E-06	1.85E-03	2.97E-02	0.00E+00	1.30E-01	3.72E-10	8.89E-09	4.25E+00	8.19E-02	0.00E+00	0.00E+00	5.33E-03	5.00E-01	7.47E+01	0.00E+00	1.43E-08	1.22E-07	5.81E-03	1.15E-04	1.98E+01	0.00E+00	7.47E+01	1.05E-06	7.47E+01	9.45E+01	1.98E+01	0.00E+00	0.00E+00	0.00E+00	2.27E-01
MJS502	1.93E-03	3.75E-01	6.90E-04	3.74E-01	0.00E+00	0.00E+00	7.09E-01	9.88E-07	2.34E-04	3.76E-03	0.00E+00	1.64E-02	4.72E-11	1.13E-09	5.39E-01	1.04E-02	0.00E+00	0.00E+00	6.75E-04	6.33E-02	9.47E+00	0.00E+00	1.82E-09	1.55E-08	7.37E-04	1.45E-05	2.51E+00	0.00E+00	9.47E+00	1.33E-07	9.47E+00	1.20E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
MJS504	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MJS506	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MJS510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MJS516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MJT702	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MJT706	2.99E-03	5.84E-01	1.07E-03	5.83E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.64E-04	5.85E-03	0.00E+00	2.56E-02	7.34E-11	1.75E-09	8.39E-01	1.61E-02	0.00E+00	0.00E+00	1.05E-03	9.85E-02	1.47E+01	0.00E+00	2.83E-09	2.41E-08	1.15E-03	2.26E-05	3.90E+00	0.00E+00	1.47E+01	2.06E-07	1.47E+01	1.86E+01	3.90E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-02

MJT710	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MJT716	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MJT720	7.05E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.60E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.03E-02	1.73E-10	4.13E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.67E-09	5.67E-08	2.70E-03	5.33E-05	9.19E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.19E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
MJT725	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MJT732	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MJT740	1.77E-02	3.46E+00	6.37E-03	3.45E+00	0.00E+00	0.00E+00	6.54E+00	9.11E-06	2.16E-03	3.47E-02	0.00E+00	1.52E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.68E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
MKN506	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MKN506A	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MKN510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MKN510A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MKN513	8.54E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MKN513A	8.54E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MKN516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MKN516A	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.84E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MKN520	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MKN520A	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MKN525	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MKN525A	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MKN532	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MKN532A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MKN540	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MKN598	1.88E-02	3.67E+00	6.75E-03	3.66E+00	0.00E+00	0.00E+00	6.93E+00	9.66E-06	2.29E-03	3.68E-02	0.00E+00	1.61E-01	4.61E-10	1.10E-08	5.27E+00	1.02E-01	0.00E+00	0.00E+00	6.60E-03	6.19E-01	9.26E+01	0.00E+00	1.78E-08	1.51E-07	7.20E-03	1.42E-04	2.45E+01	0.00E+00	9.26E+01	1.30E-06	9.26E+01	1.17E+02	2.45E+01	0.00E+00	0.00E+00	0.00E+00	2.81E-01
MKN599	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MKS506	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MKS510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MKS513	8.54E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MKS516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MKS599	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
ML506J	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
ML510J	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
ML516J	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.84E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
ML520J	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
ML525J	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
ML532J	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
ML540J	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MLN502A	1.93E-03	3.75E-01	6.90E-04	3.74E-01	0.00E+00	0.00E+00	7.09E-01	9.88E-07	2.34E-04	3.76E-03	0.00E+00	1.64E-02	4.72E-11	1.13E-09	5.39E-01	1.04E-02	0.00E+00	0.00E+00	6.75E-04	6.33E-02	9.47E+00	0.00E+00	1.82E-09	1.55E-08	7.37E-04	1.45E-05	2.51E+00	0.00E+00	9.47E+00	1.33E-07	9.47E+00	1.20E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
MLN504A	4.02E-03	7.84E-01	1.44E-03	7.82E-01	0.00E+00	0.00E+00	1.48E+00	2.06E-06	4.89E-04	7.86E-03	0.00E+00	3.43E-02	9.85E-11	2.35E-09	1.13E+00	2.17E-02	0.00E+00	0.00E+00	1.41E-03	1.32E-01	1.98E+01	0.00E+00	3.80E-09	3.23E-08	1.54E-03	3.04E-05	5.24E+00	0.00E+00	1.98E+01	2.77E-07	1.98E+01	2.50E+01	5.24E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-02
MLN506	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MLN506A	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MLN510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MLN510A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MLN513	8.54E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MLN513A	8.54E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MLN516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MLN516A	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MLN520	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MLN520A	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MLN525	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MLN525A	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MLN532	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MLN532A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MLN540	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MLN540A	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MLN702	2.99E-03	5.84E-01	1.07E-03	5.83E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.64E-04	5.85E-03	0.00E+00	2.56E-02	7.34E-11	1.75E-09	8.39E-01	1.61E-02	0.00E+00	0.00E+00	1.05E-03	9.85E-02	1.47E+01	0.00E+00	2.83E-09	2.41E-08	1.15E-03	2.26E-05	3.90E+00	0.00E+00	1.47E+01	2.06E-07	1.47E+01	1.86E+01	3.90E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-02
MLN702A	2.99E-03	5.84E-01	1.07E-03	5.83E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.64E-04	5.85E-03	0.00E+00	2.56E-02	7.34E-11	1.75E-09	8.39E-01	1.61E-02	0.00E+00	0.00E+00	1.05E-03	9.85E-02	1.47E+01	0.00E+00	2.83E-09	2.41E-08	1.15E-03	2.26E-05	3.90E+00	0.00E+00	1.47E+01	2.06E-07	1.47E+01	1.86E+01	3.90E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-02
MLN706	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MLN706A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MLN710	5.55E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MLN710A	5.55E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MLN716	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MLN716A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MLN720	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MLN720A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MLN725	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MLN725A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MLN732	1.30E-02	2.54E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.69E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.64E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	4.99E-03	9.85E-05	1.70E+01	0.00E+00	6.42E+01	8.99E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MLN732A	1.30E-02	2.54E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.69E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.64E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	4.99E-03	9.85E-05	1.70E+01	0.00E+00	6.42E+01	8.99E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	1.95E-01
MLN740A	1.52E-02	2.96E+00	5.45E-03	2.95E+00	0.00E+00	0.00E+00	5.59E+00	7.79E-06	1.85E-03	2.97E-02	0.00E+00	1.30E-01	3.72E-10	8.89E-09	4.25E+00	8.19E-02	0.00E+00	0.00E+00	5.33E-03	5.00E-01	7.47E+01	0.00E+00	1.43E-08	1.22E-07	5.81E-03	1.15E-04	1.98E+01	0.00E+00	7.47E+01	1.05E-06	7.47E+01	9.45E+01	1.98E+01	0.00E+00	0.00E+00	0.00E+00	2.27E-01
MLS506	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MLS510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MLS513	8.54E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	1.28E-01
MLS516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MLU502	1.93E-03	3.75E-01	6.90E-04	3.74E-01	0.00E+00	0.00E+00	7.09E-01	9.88E-07	2.34E-04	3.76E-03	0.00E+00	1.64E-02	4.72E-11	1.13E-09	5.39E-01	1.04E-02	0.00E+00	0.00E+00	6.75E-04	6.33E-02	9.47E+00	0.00E+00	1.82E-09	1.55E-08	7.37E-04	1.45E-05	2.51E+00	0.00E+00	9.47E+00	1.33E-07	9.47E+00	1.20E+01	2.51E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
MLU506	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MLU510	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MLU516	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MLU520	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MLU525	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MLU532	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MLU540	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MMN313	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02

MMN404	8.76E-04	1.67E-01	3.07E-04	1.67E-01	0.00E+00	0.00E+00	3.15E-01	4.39E-07	1.04E-04	1.67E-03	0.00E+00	7.31E-03	2.10E-11	5.01E-10	2.40E-01	4.62E-03	0.00E+00	0.00E+00	3.00E-04	2.82E-02	4.21E+00	0.00E+00	8.08E-10	6.88E-09	3.28E-04	6.46E-06	1.11E+00	0.00E+00	4.21E+00	5.90E-08	4.21E+00	5.32E+00	1.11E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02
MN120V	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MN132Z	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MN140Z	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MN150Z	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MN163Z	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MN206V	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MN210V	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MN210V33	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MN216V	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MN216V33	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MN220V	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MN220V33	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MN225V	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.91E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MN225V1	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.91E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MN225Z	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MN232V	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MN232V1	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MN232Z	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MN240V	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MN240V1	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MN250Z	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
MN263Z	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MN306Z	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MN310Z	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MN320Z	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MN332Z	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MN340Z	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MN363Z	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MN463Z	5.26E-02	1.03E+01	1.89E-02	1.02E+01	0.00E+00	0.00E+00	1.94E+01	2.70E-05	6.41E-03	1.03E-01	0.00E+00	4.50E-01	1.29E-09	3.08E-08	1.48E+01	2.84E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.59E+02	0.00E+00	4.98E-08	4.23E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.59E+02	3.63E-06	2.59E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.86E-01
MN506V	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MN510V	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MN510V33	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MN516V	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MN516V33	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MN520V	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MN520V33	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.59E-03	9.05E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MN525V	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.91E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MN525V1	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.91E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MN532V	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MN532V1	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MN540V	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MN540V1	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MN906V	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MN910V	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.00E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.52E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.52E+01	3.54E-07	2.52E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MN916V	8.97E-03	1.75E+00	3.22E-03	1.75E+00	0.00E+00	0.00E+00	3.31E+00	4.61E-06	1.09E-03	1.76E-02	0.00E+00	7.67E-02	2.20E-10	5.26E-09	2.52E+00	4.85E-02	0.00E+00	0.00E+00	3.15E-03	2.96E-01	4.42E+01	0.00E+00	8.48E-09	7.22E-08	3.44E-03	6.78E-05	1.17E+01	0.00E+00	4.42E+01	6.19E-07	4.42E+01	5.59E+01	1.17E+01	0.00E+00	0.00E+00	0.00E+00	1.34E-01
MN920V	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MN925V	8.76E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MN932V	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MN940V	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MR110	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MR116	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MR120	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MR132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MR210	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MR216	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MR220	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MR232	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MR240	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MR263	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MR310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MR316	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MR320	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MR325	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MR332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MR340	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MS110	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MS120	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MS232	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MS240	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MS263	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MS310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MS316	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MS320	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MS332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MS340	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MT106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MT110A	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
MT116A	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
MT120A	5.96E-03	1.16E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.26E-04	1.17E-02	0.00E+00	5.10E-02	1.46E-10	3.49E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.09E-03	1.96E-01	2.94E+01	0.00E+00	5.64E-09	4.80E-08	2.28E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.11E-07	2.94E+01	3.71E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
MT125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02

MT132A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MT140A	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MT150A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MT163A	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MT206A	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MT210A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MT216A	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MT220A	1.18E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MT225A	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MT232A	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MT240A	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MT250A	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
MT263A	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MT306A	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MT310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MT316A	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MT320A	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MT325A	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MT332A	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MT340A	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MT350A	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.19E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MT363A	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MTN106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MTN110	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
MTN116	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
MTN120	5.96E-03	1.16E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.26E-04	1.17E-02	0.00E+00	5.10E-02	1.46E-10	3.49E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.09E-03	1.96E-01	2.94E+01	0.00E+00	5.64E-09	4.80E-08	2.28E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.11E-07	2.94E+01	3.71E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
MTN125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MTN132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MTN140	1.10E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MTN150	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MTN163	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MU102A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MU104A	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MU106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MU110A	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MU116A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MU120A	5.85E-03	1.14E+00	2.10E-03	1.14E+00	0.00E+00	0.00E+00	2.16E+00	3.01E-06	7.13E-04	1.15E-02	0.00E+00	5.01E-02	1.44E-10	3.43E-09	1.64E+00	3.16E-02	0.00E+00	0.00E+00	2.06E-03	1.93E-01	2.88E+01	0.00E+00	5.53E-09	4.71E-08	2.24E-03	4.43E-05	7.63E+00	0.00E+00	2.88E+01	4.04E-07	2.88E+01	3.65E+01	7.63E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-02
MU125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MU132A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MU140A	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MU150A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MU163A	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MU202A	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.28E-04	1.17E-02	0.00E+00	5.12E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.81E-08	2.29E-03	4.52E-05	7.80E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.80E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
MU206A	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MU210A	8.19E-03	1.60E+00	2.94E-03	1.59E+00	0.00E+00	0.00E+00	3.02E+00	4.20E-06	9.96E-04	1.60E-02	0.00E+00	7.00E-02	2.01E-10	4.80E-09	2.30E+00	4.42E-02	0.00E+00	0.00E+00	2.87E-03	2.70E-01	4.03E+01	0.00E+00	7.74E-09	6.58E-08	3.14E-03	6.19E-05	1.07E+01	0.00E+00	4.03E+01	5.65E-07	4.03E+01	5.10E+01	1.07E+01	0.00E+00	0.00E+00	0.00E+00	1.22E-01
MU216A	1.10E-02	2.14E+00	3.94E-03	2.14E+00	0.00E+00	0.00E+00	4.05E+00	5.64E-06	1.34E-03	2.15E-02	0.00E+00	9.39E-02	2.69E-10	6.44E-09	3.08E+00	5.93E-02	0.00E+00	0.00E+00	3.86E-03	3.62E-01	5.41E+01	0.00E+00	1.04E-08	8.84E-08	4.21E-03	8.30E-05	1.43E+01	0.00E+00	5.41E+01	7.58E-07	5.41E+01	6.84E+01	1.43E+01	0.00E+00	0.00E+00	0.00E+00	1.64E-01
MU220A	1.18E-02	2.31E+00	4.24E-03	2.30E+00	0.00E+00	0.00E+00	4.35E+00	6.07E-06	1.44E-03	2.31E-02	0.00E+00	1.01E-01	2.90E-10	6.92E-09	3.31E+00	6.38E-02	0.00E+00	0.00E+00	4.15E-03	3.89E-01	5.82E+01	0.00E+00	1.12E-08	9.51E-08	4.53E-03	8.93E-05	1.54E+01	0.00E+00	5.82E+01	8.15E-07	5.82E+01	7.36E+01	1.54E+01	0.00E+00	0.00E+00	0.00E+00	1.77E-01
MU225A	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MU232A	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MU240A	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MU250A	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
MU263A	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MU302A	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.39E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.86E-02	2.25E-10	5.38E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.03E-01	4.52E+01	0.00E+00	8.69E-09	7.39E-08	3.52E-03	6.95E-05	1.20E+01	0.00E+00	4.52E+01	6.34E-07	4.52E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MU306A	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MU310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MU316A	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MU320A	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MU325A	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MU332A	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MU340A	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MU350A	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.19E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MU363A	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MU406A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MU410A	1.69E-02	3.29E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.22E+00	8.67E-06	2.06E-03	3.30E-02	0.00E+00	1.44E-01	4.14E-10	9.89E-09	4.73E+00	9.11E-02	0.00E+00	0.00E+00	5.93E-03	5.56E-01	8.31E+01	0.00E+00	1.60E-08	1.36E-07	6.47E-03	1.28E-04	2.20E+01	0.00E+00	8.31E+01	1.16E-06	8.31E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.52E-01
MU416A	2.29E-02	4.46E+00	8.21E-03	4.45E+00	0.00E+00	0.00E+00	8.43E+00	1.17E-05	2.78E-03	4.47E-02	0.00E+00	1.95E-01	5.61E-10	1.34E-08	6.41E+00	1.23E-01	0.00E+00	0.00E+00	8.03E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.76E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
MU420A	2.48E-02	4.84E+00	8.90E-03	4.83E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.85E-02	0.00E+00	2.12E-01	6.08E-10	1.45E-08	6.95E+00	1.34E-01	0.00E+00	0.00E+00	8.70E-03	8.16E-01	1.22E+02	0.00E+00	2.34E-08	1.99E-07	9.50E-03	1.87E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.54E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MU425A	2.91E-02	5.67E+00	1.04E-02	5.66E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.68E-02	0.00E+00	2.48E-01	7.13E-10	1.70E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.11E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MU432A	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MU440A	4.55E-02	8.88E+00	1.63E-02	8.86E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.54E-03	8.90E-02	0.00E+00	3.89E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.66E-07	1.74E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.83E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.80E-01
MU450A	4.21E-02	8.21E+00	1.51E-02	8.20E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.12E-03	8.23E-02	0.00E+00	3.60E-01	1.03E-09	2.47E-08	1.18E+01	2.27E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.07E+02	0.00E+00	3.98E-08	3.39E-07	1.61E-02	3.18E-04	5.49E+01	0.00E+00	2.07E+02	2.90E-06	2.07E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.29E-01
MU463A	5.26E-02	1.03E+01	1.89E-02	1.02E+01	0.00E+00	0.00E+00	1.94E+01	2.70E-05	6.41E-03	1.03E-01	0.00E+00	4.50E-01	1.29E-09	3.08E-08	1.48E+01	2.84E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.59E+02	0.00E+00	4.98E-08	4.23E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.59E+02	3.63E-06	2.59E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.86E-01
MUN106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MUN110A	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MUN116A	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MUN120A	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MUN125A	6.88E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MUN132A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MUN140A	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MUN206A	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MUN210A	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MUN216A	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01

MUN220A	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MUN225A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MUN232A	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MUN240A	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MUN250A	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MUN263A	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MUN310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MUN316A	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MUN320A	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MUN325A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MUN332A	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MUN406A	1.07E-02	2.08E+00	3.84E-03	2.08E+00	0.00E+00	0.00E+00	3.94E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.14E-02	2.62E-10	6.26E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.75E-03	3.52E-01	5.26E+01	0.00E+00	1.01E-08	8.60E-08	4.09E-03	8.08E-05	1.39E+01	0.00E+00	5.26E+01	7.37E-07	5.26E+01	6.65E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MUN410A	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MUN416A	2.31E-02	4.50E+00	8.28E-03	4.49E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.51E-02	0.00E+00	1.97E-01	5.66E-10	1.35E-08	6.47E+00	1.25E-01	0.00E+00	0.00E+00	8.10E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.84E-03	1.74E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MUN420A	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MUN425A	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MUN432A	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MUN440A	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MUN450A	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MUN463A	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MUN506A	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MUN510A	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MUN516A	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MUN520A	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MUN525A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MUN532A	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MUN540A	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MUN606A	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MUN610A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MUN616A	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MUN620A	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MUN625A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MUN632A	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MUN640A	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MUN650A	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MUN663A	4.20E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MV106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MV106Z	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MV110Z	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MV116	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
MV116Z	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MV120	5.96E-03	1.16E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.26E-04	1.17E-02	0.00E+00	5.10E-02	1.46E-10	3.49E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.09E-03	1.96E-01	2.94E+01	0.00E+00	5.64E-09	4.80E-08	2.28E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.11E-07	2.94E+01	3.71E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
MV120Z	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MV125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MV125Z	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MV132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MV132Z	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MV140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MV140Z	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MV206	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MV220	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MV225	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MV232	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MV240	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MV332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MV340	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MV432	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MV440	4.55E-02	8.88E+00	1.63E-02	8.86E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.54E-03	8.90E-02	0.00E+00	3.89E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.66E-07	1.74E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.83E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.80E-01
MW106	2.82E-02	5.51E+00	1.01E-02	5.50E+00	0.00E+00	0.00E+00	1.04E+01	1.45E-05	3.44E-03	5.53E-02	0.00E+00	2.42E-01	6.93E-10	1.66E-08	7.92E+00	1.53E-01	0.00E+00	0.00E+00	9.92E-03	9.31E-01	1.39E+02	0.00E+00	2.67E-08	2.27E-07	1.08E-02	2.14E-04	3.68E+01	0.00E+00	1.39E+02	1.95E-06	1.39E+02	1.76E+02	3.68E+01	0.00E+00	0.00E+00	0.00E+00	4.22E-01
MW110	3.87E-02	7.55E+00	1.39E-02	7.54E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.57E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.09E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.91E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.93E-04	5.04E+01	0.00E+00	1.91E+02	2.67E-06	1.91E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MW116	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MW120	4.98E-02	9.73E+00	1.79E-02	9.71E+00	0.00E+00	0.00E+00	1.84E+01	2.56E-05	6.07E-03	9.75E-02	0.00E+00	4.26E-01	1.22E-09	2.92E-08	1.40E+01	2.69E-01	0.00E+00	0.00E+00	1.75E-02	1.64E+00	2.46E+02	0.00E+00	4.71E-08	4.01E-07	1.91E-02	3.77E-04	6.50E+01	0.00E+00	2.46E+02	3.44E-06	2.46E+02	3.10E+02	6.50E+01	0.00E+00	0.00E+00	0.00E+00	7.45E-01
MW125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MW132	9.40E-03	1.83E+00	3.37E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MW140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.69E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MW206	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MW210	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MW225	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MW232	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MW240	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MW306	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MW310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MW316	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.24E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MW320	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MW325	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MW332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MW340	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.82E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MW350	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
MW363	3.86E-02	7.54E+00	1.39E-02	7.52E+00	0.00E+00	0.00E+00	1.42E+01	1.98E-05	4.70E-03	7.56E-02	0.00E+00	3.30E-01	9.48E-10	2.26E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.65E-08	3.11E-07	1.48E-02	2.92E-04	5.03E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.03E+01	0.00E+00	0.00E+00	0.00E+00	5.77E-01
MW406	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MW410	1.69E-02	3.29E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.22E+00	8.67E-06	2.06E-03	3.30E-02	0.00E+00	1.44E-01	4.14E-10	9.89E-09	4.73E+00	9.11E-02	0.00E+00	0.00E+00	5.93E-03	5.56E-01	8.31E+01	0.00E+00	1.60E-08	1.36E-07	6.47E-03	1.28E-04	2.20E+01	0.00E+00	8.31E+01	1.16E-06	8.31E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.52E-01

MW416	2.29E-02	4.46E+00	8.21E-03	4.45E+00	0.00E+00	0.00E+00	8.43E+00	1.17E-05	2.78E-03	4.47E-02	0.00E+00	1.95E-01	5.61E-10	1.34E-08	6.41E+00	1.23E-01	0.00E+00	0.00E+00	8.03E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.76E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
MW420	2.48E-02	4.84E+00	8.90E-03	4.83E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.85E-02	0.00E+00	2.12E-01	6.08E-10	1.45E-08	6.95E+00	1.34E-01	0.00E+00	0.00E+00	8.70E-03	8.16E-01	1.22E+02	0.00E+00	2.34E-08	1.99E-07	9.50E-03	1.87E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.54E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MW425	2.91E-02	5.67E+00	1.04E-02	5.66E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.68E-02	0.00E+00	2.48E-01	7.13E-10	1.70E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.11E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MW432	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MW440	4.55E-02	8.88E+00	1.63E-02	8.86E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.54E-03	8.90E-02	0.00E+00	3.89E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.66E-07	1.74E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.83E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.80E-01
MWN102A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MWN104A	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MWN106	2.54E-03	4.96E-01	9.13E-04	4.95E-01	0.00E+00	0.00E+00	9.37E-01	1.31E-06	3.10E-04	4.97E-03	0.00E+00	2.17E-02	6.24E-11	1.49E-09	7.13E-01	1.37E-02	0.00E+00	0.00E+00	8.93E-04	8.38E-02	1.25E+01	0.00E+00	2.40E-09	2.05E-08	9.74E-04	1.92E-05	3.31E+00	0.00E+00	1.25E+01	1.75E-07	1.25E+01	1.58E+01	3.31E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-02
MWN106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MWN110	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.44E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MWN110A	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MWN116	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MWN116A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MWN120	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MWN120A	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MWN125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MWN125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MWN132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MWN132A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MWN140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MWN150	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MWN202A	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MWN204A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN206	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MWN206A	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.44E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.91E-09	4.18E-08	1.99E-03	3.92E-05	6.77E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.77E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MWN210	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN210A	6.65E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MWN216	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MWN216A	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MWN220	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MWN220A	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MWN225	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MWN225A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MWN232	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MWN232A	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MWN240	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MWN240A	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MWN250	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MWN263	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MWN302A	8.77E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MWN304A	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.25E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MWN306	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN306A	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MWN310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MWN316	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.24E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MWN316A	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MWN320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MWN320A	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MWN325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MWN325A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MWN332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MWN332A	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MWN340	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MWN340A	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MWN350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MWN363	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MWN406	1.07E-02	2.08E+00	3.84E-03	2.08E+00	0.00E+00	0.00E+00	3.94E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.14E-02	2.62E-10	6.26E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.75E-03	3.52E-01	5.26E+01	0.00E+00	1.01E-08	8.60E-08	4.09E-03	8.08E-05	1.39E+01	0.00E+00	5.26E+01	7.37E-07	5.26E+01	6.65E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MWN410	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MWN416	1.87E-02	3.64E+00	6.70E-03	3.64E+00	0.00E+00	0.00E+00	6.88E+00	9.59E-06	2.27E-03	3.65E-02	0.00E+00	1.60E-01	4.58E-10	1.09E-08	5.24E+00	1.01E-01	0.00E+00	0.00E+00	6.56E-03	6.15E-01	9.20E+01	0.00E+00	1.77E-08	1.50E-07	7.16E-03	1.41E-04	2.43E+01	0.00E+00	9.20E+01	1.29E-06	9.20E+01	1.16E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.79E-01
MWN420	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MWN425	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MWN432	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MWN440	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MWN450	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MWN463	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MWN510	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN516	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MWN520	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MWN532	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MWN540	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MWN602A	8.78E-03	1.71E+00	3.15E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
MWN604A	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.26E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MWN606A	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWN610A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MWN616A	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MWN620A	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MWN625A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MWN640A	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MWS206A	5.35E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
MWS210A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01

MWS216A	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MWS220A	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MWS225A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MWS232A	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MWS240A	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MWS310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MWS316A	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MWS320A	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MWS325A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MWS332A	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MWS340A	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MWS606A	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MWS610A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MWS616A	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MWS620A	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MWS625A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MWS632A	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MWS640A	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MX106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MX110	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MX113	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MX116	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
MX120	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MX125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MX132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MX140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MX206	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MX210	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MX213	9.62E-03	1.88E+00	3.45E-03	1.87E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.22E-02	2.36E-10	5.63E-09	2.70E+00	5.19E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.73E+01	0.00E+00	9.09E-09	7.74E-08	3.68E-03	7.27E-05	1.25E+01	0.00E+00	4.73E+01	6.64E-07	4.73E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MX216	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MX220	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MX225	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MX232	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MX240	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MX306	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MX310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MX313	1.41E-02	2.75E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.20E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.21E-01	3.46E-10	8.26E-09	3.95E+00	7.61E-02	0.00E+00	0.00E+00	4.95E-03	4.65E-01	6.94E+01	0.00E+00	1.33E-08	1.13E-07	5.40E-03	1.07E-04	1.84E+01	0.00E+00	6.94E+01	9.73E-07	6.94E+01	8.78E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
MX316	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MX320	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MX325	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MX332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MX340	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MX406	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MX410	1.69E-02	3.29E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.22E+00	8.67E-06	2.06E-03	3.30E-02	0.00E+00	1.44E-01	4.14E-10	9.89E-09	4.73E+00	9.11E-02	0.00E+00	0.00E+00	5.93E-03	5.56E-01	8.31E+01	0.00E+00	1.60E-08	1.36E-07	6.47E-03	1.28E-04	2.20E+01	0.00E+00	8.31E+01	1.16E-06	8.31E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.52E-01
MX416	2.29E-02	4.46E+00	8.21E-03	4.45E+00	0.00E+00	0.00E+00	8.43E+00	1.17E-05	2.78E-03	4.47E-02	0.00E+00	1.95E-01	5.61E-10	1.34E-08	6.41E+00	1.23E-01	0.00E+00	0.00E+00	8.03E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.76E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
MX425	2.91E-02	5.67E+00	1.04E-02	5.66E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.68E-02	0.00E+00	2.48E-01	7.13E-10	1.70E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.11E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MX432	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MX440	4.55E-02	8.88E+00	1.63E-02	8.86E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.54E-03	8.90E-02	0.00E+00	3.89E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.66E-07	1.74E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.83E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.80E-01
MXN106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MXN110	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MXN116	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MXN150	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MXN163	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MXN210	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MXN216	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MXN220	1.20E-02	2.33E+00	4.30E-03	2.33E+00	0.00E+00	0.00E+00	4.41E+00	6.15E-06	1.46E-03	2.34E-02	0.00E+00	1.02E-01	2.94E-10	7.01E-09	3.36E+00	6.46E-02	0.00E+00	0.00E+00	4.20E-03	3.94E-01	5.89E+01	0.00E+00	1.13E-08	9.63E-08	4.58E-03	9.04E-05	1.56E+01	0.00E+00	5.89E+01	8.26E-07	5.89E+01	7.45E+01	1.56E+01	0.00E+00	0.00E+00	0.00E+00	1.79E-01
MXN225	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MXN232	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MXN240	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MXN250	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MXN263	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MXN310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MXN316	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MXN320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MXN325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
MXN350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MXN363	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MXN406	1.07E-02	2.08E+00	3.84E-03	2.08E+00	0.00E+00	0.00E+00	3.94E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.14E-02	2.62E-10	6.26E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.75E-03	3.52E-01	5.26E+01	0.00E+00	1.01E-08	8.60E-08	4.09E-03	8.08E-05	1.39E+01	0.00E+00	5.26E+01	7.37E-07	5.26E+01	6.65E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MXN410	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MXN416	2.31E-02	4.50E+00	8.28E-03	4.49E+00	0.00E+00	0.00E+00	8.50E+00	1.19E-05	2.81E-03	4.51E-02	0.00E+00	1.97E-01	5.66E-10	1.35E-08	6.47E+00	1.25E-01	0.00E+00	0.00E+00	8.10E-03	7.60E-01	1.14E+02	0.00E+00	2.18E-08	1.86E-07	8.84E-03	1.74E-04	3.01E+01	0.00E+00	1.14E+02	1.59E-06	1.14E+02	1.44E+02	3.01E+01	0.00E+00	0.00E+00	0.00E+00	3.45E-01
MXN420	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MXN425	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MXN432	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MXN440	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MXN450	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MXN463	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MY101	2.19E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.48E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MY101E	2.19E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.48E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-03
MY102	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MY102E	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MY103	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02

MY103E	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MY104	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MY104E	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
MY106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MY106E	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MY106P	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MY110	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
MY110E	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MY110P	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MY113	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MY116	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
MY116E	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MY116P	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MY120	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
MY120E	4.49E-03	8.75E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.46E-04	8.78E-03	0.00E+00	3.84E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.85E+00	0.00E+00	2.21E+01	3.10E-07	2.21E+01	2.79E+01	5.85E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
MY120P	4.49E-03	8.75E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.46E-04	8.78E-03	0.00E+00	3.84E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.85E+00	0.00E+00	2.21E+01	3.10E-07	2.21E+01	2.79E+01	5.85E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
MY125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MY132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MY132E	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MY132P	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MY140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MY140E	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MY140P	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MY150	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MY150E	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MY163	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MY163E	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MY201	4.71E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
MY202	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.28E-04	1.17E-02	0.00E+00	5.12E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.81E-08	2.29E-03	4.52E-05	7.80E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.80E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
MY202E	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.28E-04	1.17E-02	0.00E+00	5.12E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.81E-08	2.29E-03	4.52E-05	7.80E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.80E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
MY203	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MY203E	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MY204	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MY204E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MY206	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MY206E	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.44E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.91E-09	4.18E-08	1.99E-03	3.92E-05	6.77E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.77E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MY206P	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MY210	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MY210P	6.65E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MY213	9.62E-03	1.88E+00	3.45E-03	1.87E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.22E-02	2.36E-10	5.63E-09	2.70E+00	5.19E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.73E+01	0.00E+00	9.09E-09	7.74E-08	3.68E-03	7.27E-05	1.25E+01	0.00E+00	4.73E+01	6.64E-07	4.73E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
MY216	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MY216P	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MY220	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MY220E	1.18E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MY220P	1.18E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MY225	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MY225E	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MY225P	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MY232	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MY232E	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MY232P	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MY240	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MY240E	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MY240P	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MY250	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
MY250E	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
MY263	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MY263E	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
MY301	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.60E+00	3.62E-06	8.58E-04	1.38E-02	0.00E+00	6.03E-02	1.73E-10	4.13E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.67E-09	5.67E-08	2.70E-03	5.33E-05	9.19E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.19E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
MY301E	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.60E+00	3.62E-06	8.58E-04	1.38E-02	0.00E+00	6.03E-02	1.73E-10	4.13E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.67E-09	5.67E-08	2.70E-03	5.33E-05	9.19E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.19E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
MY302	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.39E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.86E-02	2.25E-10	5.38E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.03E-01	4.52E+01	0.00E+00	8.69E-09	7.39E-08	3.52E-03	6.95E-05	1.20E+01	0.00E+00	4.52E+01	6.34E-07	4.52E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
MY303	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MY304	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.25E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
MY306	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MY306E	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MY306P	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
MY310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MY310P	9.79E-03	1.91E+00	3.51E-03	1.91E+00	0.00E+00	0.00E+00	3.61E+00	5.03E-06	1.19E-03	1.91E-02	0.00E+00	8.37E-02	2.40E-10	5.73E-09	2.74E+00	5.28E-02	0.00E+00	0.00E+00	3.44E-03	3.22E-01	4.82E+01	0.00E+00	9.25E-09	7.87E-08	3.75E-03	7.40E-05	1.28E+01	0.00E+00	4.82E+01	6.75E-07	4.82E+01	6.09E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.46E-01
MY313	1.41E-02	2.75E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.20E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.21E-01	3.46E-10	8.26E-09	3.95E+00	7.61E-02	0.00E+00	0.00E+00	4.95E-03	4.65E-01	6.94E+01	0.00E+00	1.33E-08	1.13E-07	5.40E-03	1.07E-04	1.84E+01	0.00E+00	6.94E+01	9.73E-07	6.94E+01	8.78E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
MY316	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
MY316P	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.25E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
MY320	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MY320E	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MY320P	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
MY325	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MY325E	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MY325P	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
MY332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MY332E	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MY332P	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
MY340	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01

MY340E	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
MY350	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.19E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MY350E	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.19E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
MY363	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MY363E	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
MY410P	1.27E-02	2.48E+00	4.57E-03	2.48E+00	0.00E+00	0.00E+00	4.69E+00	6.54E-06	1.55E-03	2.49E-02	0.00E+00	1.09E-01	3.12E-10	7.46E-09	3.57E+00	6.88E-02	0.00E+00	0.00E+00	4.47E-03	4.19E-01	6.27E+01	0.00E+00	1.20E-08	1.02E-07	4.88E-03	9.63E-05	1.66E+01	0.00E+00	6.27E+01	8.79E-07	6.27E+01	7.93E+01	1.66E+01	0.00E+00	0.00E+00	0.00E+00	1.90E-01
MY416P	1.87E-02	3.64E+00	6.70E-03	3.64E+00	0.00E+00	0.00E+00	6.88E+00	9.59E-06	2.27E-03	3.65E-02	0.00E+00	1.60E-01	4.58E-10	1.09E-08	5.24E+00	1.01E-01	0.00E+00	0.00E+00	6.56E-03	6.15E-01	9.20E+01	0.00E+00	1.77E-08	1.50E-07	7.16E-03	1.41E-04	2.43E+01	0.00E+00	9.20E+01	1.29E-06	9.20E+01	1.16E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.79E-01
MY420E	2.48E-02	4.83E+00	8.89E-03	4.82E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.84E-02	0.00E+00	2.12E-01	6.07E-10	1.45E-08	6.94E+00	1.34E-01	0.00E+00	0.00E+00	8.70E-03	8.16E-01	1.22E+02	0.00E+00	2.34E-08	1.99E-07	9.49E-03	1.87E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.54E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MY420P	2.48E-02	4.84E+00	8.90E-03	4.83E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.85E-02	0.00E+00	2.12E-01	6.08E-10	1.45E-08	6.95E+00	1.34E-01	0.00E+00	0.00E+00	8.70E-03	8.16E-01	1.22E+02	0.00E+00	2.34E-08	1.99E-07	9.50E-03	1.87E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.54E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
MY425E	2.91E-02	5.67E+00	1.04E-02	5.66E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.68E-02	0.00E+00	2.48E-01	7.13E-10	1.70E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.11E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MY425P	2.91E-02	5.67E+00	1.04E-02	5.66E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.68E-02	0.00E+00	2.48E-01	7.13E-10	1.70E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.11E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
MY432E	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MY432P	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
MY440E	4.55E-02	8.88E+00	1.63E-02	8.86E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.54E-03	8.90E-02	0.00E+00	3.89E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.66E-07	1.74E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.83E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.80E-01
MY440P	4.55E-02	8.88E+00	1.63E-02	8.86E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.54E-03	8.90E-02	0.00E+00	3.89E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.66E-07	1.74E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.83E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.80E-01
MY450E	4.21E-02	8.21E+00	1.51E-02	8.20E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.12E-03	8.23E-02	0.00E+00	3.60E-01	1.03E-09	2.47E-08	1.18E+01	2.27E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.07E+02	0.00E+00	3.98E-08	3.39E-07	1.61E-02	3.18E-04	5.49E+01	0.00E+00	2.07E+02	2.90E-06	2.07E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.29E-01
MY463E	5.26E-02	1.03E+01	1.89E-02	1.02E+01	0.00E+00	0.00E+00	1.94E+01	2.70E-05	6.41E-03	1.03E-01	0.00E+00	4.50E-01	1.29E-09	3.08E-08	1.48E+01	2.84E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.59E+02	0.00E+00	4.98E-08	4.23E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.59E+02	3.63E-06	2.59E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.86E-01
MY706P	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
MY716P	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
MY720P	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
MY725P	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
MY732P	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
MY740P	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
MYN106	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
MYN110	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
MYN116	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
MYN120	4.49E-03	8.75E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.46E-04	8.78E-03	0.00E+00	3.84E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.85E+00	0.00E+00	2.21E+01	3.10E-07	2.21E+01	2.79E+01	5.85E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
MYN125	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
MYN132	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
MYN140	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
MYN150	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
MYN163	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
MYN206	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.44E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.91E-09	4.18E-08	1.99E-03	3.92E-05	6.77E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.77E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MYN210	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MYN216	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MYN220	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MYN225	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MYN232	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MYN240	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
MYN250	1.96E-02	3.84E+00	7.06E-03	3.83E+00	0.00E+00	0.00E+00	7.24E+00	1.01E-05	2.39E-03	3.84E-02	0.00E+00	1.68E-01	4.82E-10	1.15E-08	5.51E+00	1.06E-01	0.00E+00	0.00E+00	6.90E-03	6.48E-01	9.68E+01	0.00E+00	1.86E-08	1.58E-07	7.53E-03	1.49E-04	2.56E+01	0.00E+00	9.68E+01	1.36E-06	9.68E+01	1.22E+02	2.56E+01	0.00E+00	0.00E+00	0.00E+00	2.94E-01
MYN263	2.43E-02	4.75E+00	8.74E-03	4.74E+00	0.00E+00	0.00E+00	8.98E+00	1.25E-05	2.97E-03	4.76E-02	0.00E+00	2.08E-01	5.98E-10	1.43E-08	6.83E+00	1.32E-01	0.00E+00	0.00E+00	8.55E-03	8.02E-01	1.20E+02	0.00E+00	2.30E-08	1.96E-07	9.33E-03	1.84E-04	3.17E+01	0.00E+00	1.20E+02	1.68E-06	1.20E+02	1.52E+02	3.17E+01	0.00E+00	0.00E+00	0.00E+00	3.64E-01
MYN306	8.13E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
MYN310	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
MYN316	1.75E-02	3.42E+00	6.29E-03	3.41E+00	0.00E+00	0.00E+00	6.46E+00	9.00E-06	2.13E-03	3.43E-02	0.00E+00	1.50E-01	4.30E-10	1.03E-08	4.91E+00	9.46E-02	0.00E+00	0.00E+00	6.15E-03	5.77E-01	8.63E+01	0.00E+00	1.66E-08	1.41E-07	6.71E-03	1.32E-04	2.28E+01	0.00E+00	8.63E+01	1.21E-06	8.63E+01	1.09E+02	2.28E+01	0.00E+00	0.00E+00	0.00E+00	2.62E-01
MYN320	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
MYN325	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
MYN332	2.78E-02	5.42E+00	9.97E-03	5.41E+00	0.00E+00	0.00E+00	1.02E+01	1.43E-05	3.38E-03	5.43E-02	0.00E+00	2.38E-01	6.81E-10	1.63E-08	7.79E+00	1.50E-01	0.00E+00	0.00E+00	9.75E-03	9.15E-01	1.37E+02	0.00E+00	2.63E-08	2.23E-07	1.06E-02	2.10E-04	3.62E+01	0.00E+00	1.37E+02	1.92E-06	1.37E+02	1.73E+02	3.62E+01	0.00E+00	0.00E+00	0.00E+00	4.15E-01
MYN340	3.61E-02	7.04E+00	1.30E-02	7.03E+00	0.00E+00	0.00E+00	1.33E+01	1.85E-05	4.40E-03	7.06E-02	0.00E+00	3.09E-01	8.86E-10	2.12E-08	1.01E+01	1.95E-01	0.00E+00	0.00E+00	1.27E-02	1.19E+00	1.78E+02	0.00E+00	3.41E-08	2.91E-07	1.38E-02	2.73E-04	4.71E+01	0.00E+00	1.78E+02	2.49E-06	1.78E+02	2.25E+02	4.71E+01	0.00E+00	0.00E+00	0.00E+00	5.40E-01
MYN350	3.48E-02	6.79E+00	1.25E-02	6.78E+00	0.00E+00	0.00E+00	1.28E+01	1.79E-05	4.24E-03	6.81E-02	0.00E+00	2.98E-01	8.54E-10	2.04E-08	9.77E+00	1.88E-01	0.00E+00	0.00E+00	1.22E-02	1.15E+00	1.72E+02	0.00E+00	3.29E-08	2.80E-07	1.33E-02	2.63E-04	4.54E+01	0.00E+00	1.72E+02	2.40E-06	1.72E+02	2.17E+02	4.54E+01	0.00E+00	0.00E+00	0.00E+00	5.20E-01
MYN363	3.91E-02	7.63E+00	1.40E-02	7.61E+00	0.00E+00	0.00E+00	1.44E+01	2.01E-05	4.76E-03	7.65E-02	0.00E+00	3.34E-01	9.59E-10	2.29E-08	1.10E+01	2.11E-01	0.00E+00	0.00E+00	1.37E-02	1.29E+00	1.93E+02	0.00E+00	3.70E-08	3.15E-07	1.50E-02	2.96E-04	5.10E+01	0.00E+00	1.93E+02	2.70E-06	1.93E+02	2.44E+02	5.10E+01	0.00E+00	0.00E+00	0.00E+00	5.84E-01
MYN406	1.07E-02	2.08E+00	3.84E-03	2.08E+00	0.00E+00	0.00E+00	3.94E+00	5.49E-06	1.30E-03	2.09E-02	0.00E+00	9.14E-02	2.62E-10	6.26E-09	3.00E+00	5.77E-02	0.00E+00	0.00E+00	3.75E-03	3.52E-01	5.26E+01	0.00E+00	1.01E-08	8.60E-08	4.09E-03	8.08E-05	1.39E+01	0.00E+00	5.26E+01	7.37E-07	5.26E+01	6.65E+01	1.39E+01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
MYN410	1.67E-02	3.25E+00	5.98E-03	3.25E+00	0.00E+00	0.00E+00	6.14E+00	8.56E-06	2.03E-03	3.26E-02	0.00E+00	1.43E-01	4.09E-10	9.77E-09	4.67E+00	9.00E-02	0.00E+00	0.00E+00	5.85E-03	5.49E-01	8.21E+01	0.00E+00	1.58E-08	1.34E-07	6.39E-03	1.26E-04	2.17E+01	0.00E+00	8.21E+01	1.15E-06	8.21E+01	1.04E+02	2.17E+01	0.00E+00	0.00E+00	0.00E+00	2.49E-01
MYN416	1.87E-02	3.64E+00	6.70E-03	3.64E+00	0.00E+00	0.00E+00	6.88E+00	9.59E-06	2.27E-03	3.65E-02	0.00E+00	1.60E-01	4.58E-10	1.09E-08	5.24E+00	1.01E-01	0.00E+00	0.00E+00	6.56E-03	6.15E-01	9.20E+01	0.00E+00	1.77E-08	1.50E-07	7.16E-03	1.41E-04	2.43E+01	0.00E+00	9.20E+01	1.29E-06	9.20E+01	1.16E+02	2.43E+01	0.00E+00	0.00E+00	0.00E+00	2.79E-01
MYN420	2.50E-02	4.88E+00	8.97E-03	4.87E+00	0.00E+00	0.00E+00	9.21E+00	1.28E-05	3.04E-03	4.89E-02	0.00E+00	2.14E-01	6.13E-10	1.46E-08	7.01E+00	1.35E-01	0.00E+00	0.00E+00	8.78E-03	8.23E-01	1.23E+02	0.00E+00	2.36E-08	2.01E-07	9.58E-03	1.89E-04	3.26E+01	0.00E+00	1.23E+02	1.73E-06	1.23E+02	1.56E+02	3.26E+01	0.00E+00	0.00E+00	0.00E+00	3.74E-01
MYN425	2.86E-02	5.59E+00	1.03E-02	5.58E+00	0.00E+00	0.00E+00	1.06E+01	1.47E-05	3.49E-03	5.60E-02	0.00E+00	2.45E-01	7.02E-10	1.68E-08	8.03E+00	1.55E-01	0.00E+00	0.00E+00	1.01E-02	9.43E-01	1.41E+02	0.00E+00	2.71E-08	2.30E-07	1.10E-02	2.16E-04	3.73E+01	0.00E+00	1.41E+02	1.98E-06	1.41E+02	1.78E+02	3.73E+01	0.00E+00	0.00E+00	0.00E+00	4.28E-01
MYN432	3.76E-02	7.34E+00	1.35E-02	7.32E+00	0.00E+00	0.00E+00	1.39E+01	1.93E-05	4.58E-03	7.36E-02	0.00E+00	3.22E-01	9.22E-10	2.20E-08	1.05E+01	2.03E-01	0.00E+00	0.00E+00	1.32E-02	1.24E+00	1.85E+02	0.00E+00	3.56E-08	3.03E-07	1.44E-02	2.84E-04	4.90E+01	0.00E+00	1.85E+02	2.60E-06	1.85E+02	2.34E+02	4.90E+01	0.00E+00	0.00E+00	0.00E+00	5.62E-01
MYN440	4.78E-02	9.34E+00	1.72E-02	9.32E+00	0.00E+00	0.00E+00	1.76E+01	2.46E-05	5.83E-03	9.36E-02	0.00E+00	4.09E-01	1.17E-09	2.80E-08	1.34E+01	2.58E-01	0.00E+00	0.00E+00	1.68E-02	1.58E+00	2.36E+02	0.00E+00	4.52E-08	3.85E-07	1.83E-02	3.62E-04	6.24E+01	0.00E+00	2.36E+02	3.30E-06	2.36E+02	2.98E+02	6.24E+01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
MYN450	4.23E-02	8.25E+00	1.52E-02	8.24E+00	0.00E+00	0.00E+00	1.56E+01	2.17E-05	5.15E-03	8.27E-02	0.00E+00	3.62E-01	1.04E-09	2.48E-08	1.19E+01	2.28E-01	0.00E+00	0.00E+00	1.49E-02	1.39E+00	2.08E+02	0.00E+00	4.00E-08	3.40E-07	1.62E-02	3.20E-04	5.51E+01	0.00E+00	2.08E+02	2.92E-06	2.08E+02	2.63E+02	5.51E+01	0.00E+00	0.00E+00	0.00E+00	6.32E-01
MYN463	5.47E-02	1.07E+01	1.96E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.81E-05	6.66E-03	1.07E-01	0.00E+00	4.68E-01	1.34E-09	3.21E-08	1.53E+01	2.95E-01	0.00E+00	0.00E+00	1.92E-02	1.80E+00	2.69E+02	0.00E+00	5.17E-08	4.40E-07	2.10E-02	4.13E-04	7.13E+01	0.00E+00	2.69E+02	3.77E-06	2.69E+02	3.41E+02	7.13E+01	0.00E+00	0.00E+00	0.00E+00	8.17E-01
MYN506	5.20E-03	1.01E+00	1.86E-03	1.01E+00	0.00E+00	0.00E+00	1.91E+00	2.67E-06	6.32E-04	1.02E-02	0.00E+00	4.44E-02	1.27E-10	3.04E-09	1.46E+00	2.80E-02	0.00E+00	0.00E+00	1.82E-03	1.71E-01	2.56E+01	0.00E+00	4.91E-09	4.18E-08	1.99E-03	3.92E-05	6.77E+00	0.00E+00	2.56E+01	3.58E-07	2.56E+01	3.23E+01	6.77E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
MYN510	6.64E-03	1.30E+00	2.39E-03	1.29E+00	0.00E+00	0.00E+00	2.45E+00	3.41E-06	8.09E-04	1.30E-02	0.00E+00	5.68E-02	1.63E-10	3.89E-09	1.86E+00	3.59E-02	0.00E+00	0.00E+00	2.33E-03	2.19E-01	3.27E+01	0.00E+00	6.28E-09	5.35E-08	2.55E-03	5.02E-05	8.66E+00	0.00E+00	3.27E+01	4.59E-07	3.27E+01	4.14E+01	8.66E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-02
MYN516	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
MYN520	9.29E-03	1.81E+00	3.34E-03	1.81E+00	0.00E+00	0.00E+00	3.43E+00	4.77E-06	1.13E-03	1.82E-02	0.00E+00	7.95E-02	2.28E-10	5.45E-09	2.61E+00	5.02E-02	0.00E+00	0.00E+00	3.26E-03	3.06E-01	4.58E+01	0.00E+00	8.79E-09	7.48E-08	3.56E-03	7.03E-05	1.21E+01	0.00E+00	4.58E+01	6.41E-07	4.58E+01	5.79E+01	1.21E+01	0.00E+00	0.00E+00	0.00E+00	1.39E-01
MYN525	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.73E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
MYN532	1.92E-02	3.75E+00	6.90E-03	3.74E+00	0.00E+00	0.00E+00	7.09E+00	9.88E-06	2.34E-03	3.76E-02	0.00E+00	1.64E-01	4.72E-10	1.13E-08	5.39E+00	1.04E-01	0.00E+00	0.00E+00	6.75E-03	6.33E-01	9.47E+01	0.00E+00	1.82E-08	1.55E-07	7.37E-03	1.45E-04	2.51E+01	0.00E+00	9.47E+01	1.33E-06	9.47E+01	1.20E+02	2.51E+01	0.00E+00	0.00E+00	0.00E+00	2.87E-01
MYN540	2.24E-02	4.38E+00	8.05E-03	4.37E+00	0.00E+00	0.00E+00	8.27E+00	1.15E-05	2.73E-03	4.39E-02	0.00E+00	1.92E-01	5.50E-10	1.31E-08	6.29E+00	1.21E-01	0.00E+00	0.00E+00	7.88E-03	7.39E-01	1.10E+02	0.00E+00	2.12E-08	1.81E-07	8.60E-03	1.70E-04	2.92E+01	0.00E+00	1.10E+02	1.55E-06	1.10E+02	1.40E+02	2.92E+01	0.00E+00	0.00E+00	0.00E+00	3.35E-01
NAN120S	4.49E-03	8.75E-01	1.61E-03	8.74E-01	0.00E+00	0.00E+00	1.65E+00	2.30E-06	5.46E-04	8.78E-03	0.00E+00	3.84E-02	1.10E-10	2.63E-09	1.26E+00	2.42E-02	0.00E+00	0.00E+00	1.58E-03	1.48E-01	2.21E+01	0.00E+00	4.24E-09	3.61E-08	1.72E-03	3.39E-05	5.85E+00	0.00E+00	2.21E+01	3.10E-07	2.21E+01	2.79E+01	5.85E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
NB106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
NB110A	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
NB113A	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
NB116A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
NB120A	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
NB125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
NB132A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
NB140A	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
NB150A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NB163A	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
NB206A	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
NB210A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NB213A	9.62E-03	1.88E+00	3.45E-03	1.87E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.22E-02	2.36E-10	5.63E-09	2.70E+00	5.19E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.73E+01	0.00E+00	9.09E-09	7.74E-08	3.68E-03	7.27E-05	1.25E+01	0.00E+00	4.73E+01	6.64E-07	4.73E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
NB216A	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01

NB220A	1.18E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NB225A	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NB240A	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NB250A	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
NB263A	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
NB306A	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NB310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
NB313A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
NB316A	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NB325A	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
NB332A	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NB340A	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.82E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
NB350A	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.19E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NB363A	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
NB413A	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NBN020	5.47E-03	1.07E+00	1.96E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.66E-04	1.07E-02	0.00E+00	4.68E-02	1.34E-10	3.21E-09	1.53E+00	2.95E-02	0.00E+00	0.00E+00	1.92E-03	1.80E-01	2.69E+01	0.00E+00	5.17E-09	4.40E-08	2.10E-03	4.13E-05	7.13E+00	0.00E+00	2.69E+01	3.77E-07	2.69E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
NBN106	2.84E-03	5.54E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.05E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.43E-02	6.97E-11	1.67E-09	7.97E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.36E-02	1.40E+01	0.00E+00	2.69E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
NBN106A	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.18E-02	0.00E+00	2.70E-01	7.75E-10	1.85E-08	8.85E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.39E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.97E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NBN106N	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
NBN110	3.99E-03	7.80E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.82E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
NBN110A	3.99E-03	7.80E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.82E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
NBN110N	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
NBN116A	6.22E-02	1.21E+01	2.23E-02	1.21E+01	0.00E+00	0.00E+00	2.29E+01	3.19E-05	7.57E-03	1.22E-01	0.00E+00	5.32E-01	1.53E-09	3.65E-08	1.74E+01	3.36E-01	0.00E+00	0.00E+00	2.18E-02	2.05E+00	3.06E+02	0.00E+00	5.88E-08	5.00E-07	2.38E-02	4.70E-04	8.11E+01	0.00E+00	3.06E+02	4.29E-06	3.06E+02	3.87E+02	8.11E+01	0.00E+00	0.00E+00	0.00E+00	9.30E-01
NBN116N	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
NBN120A	6.08E-02	1.19E+01	2.18E-02	1.18E+01	0.00E+00	0.00E+00	2.24E+01	3.12E-05	7.40E-03	1.19E-01	0.00E+00	5.20E-01	1.49E-09	3.56E-08	1.70E+01	3.28E-01	0.00E+00	0.00E+00	2.13E-02	2.00E+00	2.99E+02	0.00E+00	5.75E-08	4.89E-07	2.33E-02	4.59E-04	7.92E+01	0.00E+00	2.99E+02	4.19E-06	2.99E+02	3.78E+02	7.92E+01	0.00E+00	0.00E+00	0.00E+00	9.08E-01
NBN120N	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
NBN125N	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
NBN132A	8.66E-02	1.69E+01	3.11E-02	1.69E+01	0.00E+00	0.00E+00	3.19E+01	4.45E-05	1.06E-02	1.69E-01	0.00E+00	7.41E-01	2.13E-09	5.08E-08	2.43E+01	4.68E-01	0.00E+00	0.00E+00	3.04E-02	2.85E+00	4.27E+02	0.00E+00	8.19E-08	6.97E-07	3.32E-02	6.55E-04	1.13E+02	0.00E+00	4.27E+02	5.98E-06	4.27E+02	5.40E+02	1.13E+02	0.00E+00	0.00E+00	0.00E+00	1.29E+00
NBN132N	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
NBN140	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.65E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.18E-01
NBN140N	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
NBN150	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NBN150A	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NBN150N	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NBN163	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NBN163A	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NBN163N	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
NBN206N	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
NBN210A	9.47E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NBN210N	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NBN216A	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.63E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NBN220N	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NBN232A	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NBN240N	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NBN250N	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
NBN263N	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
NBN306N	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NBN310N	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
NBN316	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
NBN316A	1.90E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
NBN316N	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NBN320A	1.72E-02	3.35E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.82E-06	2.09E-03	3.36E-02	0.00E+00	1.47E-01	4.21E-10	1.01E-08	4.82E+00	9.27E-02	0.00E+00	0.00E+00	6.03E-03	5.66E-01	8.46E+01	0.00E+00	1.62E-08	1.38E-07	6.58E-03	1.30E-04	2.24E+01	0.00E+00	8.46E+01	1.19E-06	8.46E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NBN320N	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NBN325N	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
NBN332A	2.92E-01	5.70E+01	1.05E-01	5.69E+01	0.00E+00	0.00E+00	1.08E+02	1.50E-04	3.56E-02	5.71E-01	0.00E+00	2.50E+00	7.16E-09	1.71E-07	8.19E+01	1.58E+00	0.00E+00	0.00E+00	1.03E-01	9.62E+00	1.44E+03	0.00E+00	2.76E-07	2.35E-06	1.12E-01	2.21E-03	3.81E+02	0.00E+00	1.44E+03	2.02E-05	1.44E+03	1.82E+03	3.81E+02	0.00E+00	0.00E+00	0.00E+00	4.36E+00
NBN332N	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NBN340N	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
NBN350N	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.19E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NBN363A	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NBN363N	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
NBN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.53E+00	9.10E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.56E-02	0.00E+00	0.00E+00	6.22E-03	5.83E-01	8.72E+01	0.00E+00	1.67E-08	1.43E-07	6.79E-03	1.34E-04	2.31E+01	0.00E+00	8.72E+01	1.22E-06	8.72E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NBN416A	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NBN416N	2.29E-02	4.46E+00	8.21E-03	4.45E+00	0.00E+00	0.00E+00	8.43E+00	1.17E-05	2.78E-03	4.47E-02	0.00E+00	1.95E-01	5.61E-10	1.34E-08	6.41E+00	1.23E-01	0.00E+00	0.00E+00	8.03E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.76E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
NBN425N	2.91E-02	5.67E+00	1.04E-02	5.66E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.68E-02	0.00E+00	2.48E-01	7.13E-10	1.70E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.11E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
NBN432N	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
NBN516	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NBN520	1.13E-02	2.21E+00	4.06E-03	2.20E+00	0.00E+00	0.00E+00	4.17E+00	5.80E-06	1.38E-03	2.21E-02	0.00E+00	9.67E-02	2.77E-10	6.62E-09	3.17E+00	6.10E-02	0.00E+00	0.00E+00	3.97E-03	3.72E-01	5.57E+01	0.00E+00	1.07E-08	9.09E-08	4.33E-03	8.54E-05	1.47E+01	0.00E+00	5.57E+01	7.80E-07	5.57E+01	7.04E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NBN606	1.16E-02	2.27E+00	4.17E-03	2.26E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.27E-02	0.00E+00	9.94E-02	2.85E-10	6.81E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.08E-03	3.83E-01	5.72E+01	0.00E+00	1.10E-08	9.35E-08	4.45E-03	8.79E-05	1.51E+01	0.00E+00	5.72E+01	8.02E-07	5.72E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NBN610	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.53E+00	9.10E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.56E-02	0.00E+00	0.00E+00	6.22E-03	5.83E-01	8.72E+01	0.00E+00	1.67E-08	1.43E-07	6.79E-03	1.34E-04	2.31E+01	0.00E+00	8.72E+01	1.22E-06	8.72E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NBN616	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NBN620	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
NBN625	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
NBN632	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NBN640	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NBN650	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NC101E	2.19E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.48E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-03
NC104E	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
NC106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.37E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
NC110A	3.84E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
NC110E	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
NC113A	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02

NC116A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
NC120A	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
NC125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
NC132A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
NC140A	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
NC202E	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.28E-04	1.17E-02	0.00E+00	5.12E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.81E-08	2.29E-03	4.52E-05	7.80E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.80E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
NC204E	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NC206A	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
NC210A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NC213A	9.61E-03	1.88E+00	3.45E-03	1.87E+00	0.00E+00	0.00E+00	3.54E+00	4.94E-06	1.17E-03	1.88E-02	0.00E+00	8.22E-02	2.36E-10	5.63E-09	2.70E+00	5.19E-02	0.00E+00	0.00E+00	3.38E-03	3.17E-01	4.73E+01	0.00E+00	9.09E-09	7.74E-08	3.68E-03	7.27E-05	1.25E+01	0.00E+00	4.73E+01	6.64E-07	4.73E+01	5.99E+01	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.44E-01
NC216A	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NC220A	1.18E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NC306A	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NC310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
NC313A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
NC316A	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NC320A	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NC325A	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
NC332A	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NC340A	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.82E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
NC350A	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.18E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NC363A	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
NC406A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NC410A	1.69E-02	3.29E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.22E+00	8.67E-06	2.06E-03	3.30E-02	0.00E+00	1.44E-01	4.14E-10	9.89E-09	4.73E+00	9.11E-02	0.00E+00	0.00E+00	5.93E-03	5.56E-01	8.31E+01	0.00E+00	1.60E-08	1.36E-07	6.47E-03	1.28E-04	2.20E+01	0.00E+00	8.31E+01	1.16E-06	8.31E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.52E-01
NC416A	2.29E-02	4.46E+00	8.21E-03	4.45E+00	0.00E+00	0.00E+00	8.43E+00	1.17E-05	2.78E-03	4.47E-02	0.00E+00	1.95E-01	5.61E-10	1.34E-08	6.41E+00	1.23E-01	0.00E+00	0.00E+00	8.03E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.76E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
NC420A	2.48E-02	4.84E+00	8.90E-03	4.83E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.85E-02	0.00E+00	2.12E-01	6.08E-10	1.45E-08	6.95E+00	1.34E-01	0.00E+00	0.00E+00	8.70E-03	8.16E-01	1.22E+02	0.00E+00	2.34E-08	1.99E-07	9.50E-03	1.87E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.54E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
NC425A	2.91E-02	5.67E+00	1.04E-02	5.66E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.68E-02	0.00E+00	2.48E-01	7.13E-10	1.70E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.11E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
NC432A	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
NC450A	4.21E-02	8.21E+00	1.51E-02	8.20E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.12E-03	8.23E-02	0.00E+00	3.60E-01	1.03E-09	2.47E-08	1.18E+01	2.27E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.07E+02	0.00E+00	3.98E-08	3.39E-07	1.61E-02	3.18E-04	5.49E+01	0.00E+00	2.07E+02	2.90E-06	2.07E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	6.29E-01
NCN025	7.20E-03	1.40E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.16E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.81E-09	5.79E-08	2.76E-03	5.44E-05	9.38E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.38E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
NCN040	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.65E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.18E-01
NCN100A	3.04E-04	5.84E-02	1.07E-04	5.83E-02	0.00E+00	0.00E+00	1.10E-01	1.54E-07	3.64E-05	5.85E-04	0.00E+00	2.56E-03	7.34E-12	1.75E-10	8.39E-02	1.62E-03	0.00E+00	0.00E+00	1.05E-04	9.86E-03	1.47E+00	0.00E+00	2.83E-10	2.41E-09	1.15E-04	2.26E-06	3.90E-01	0.00E+00	1.47E+00	2.06E-08	1.47E+00	1.86E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	4.47E-03
NCN100N	2.18E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.47E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-03
NCN101N	2.18E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.47E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-03
NCN102A	4.04E-03	7.88E-01	1.45E-03	7.86E-01	0.00E+00	0.00E+00	1.49E+00	2.07E-06	4.92E-04	7.90E-03	0.00E+00	3.45E-02	9.91E-11	2.37E-09	1.13E+00	2.18E-02	0.00E+00	0.00E+00	1.42E-03	1.33E-01	1.99E+01	0.00E+00	3.82E-09	3.25E-08	1.55E-03	3.05E-05	5.26E+00	0.00E+00	1.99E+01	2.79E-07	1.99E+01	2.51E+01	5.26E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02
NCN102N	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
NCN103N	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
NCN104N	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
NCN106A	3.16E-02	6.16E+00	1.13E-02	6.15E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.18E-02	0.00E+00	2.70E-01	7.75E-10	1.85E-08	8.85E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.39E-04	4.11E+01	0.00E+00	1.55E+02	2.18E-06	1.55E+02	1.97E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.72E-01
NCN106N	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
NCN110	3.99E-03	7.80E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.82E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
NCN110A	4.44E-02	8.66E+00	1.59E-02	8.65E+00	0.00E+00	0.00E+00	1.64E+01	2.28E-05	5.41E-03	8.68E-02	0.00E+00	3.80E-01	1.09E-09	2.60E-08	1.25E+01	2.40E-01	0.00E+00	0.00E+00	1.56E-02	1.46E+00	2.19E+02	0.00E+00	4.20E-08	3.57E-07	1.70E-02	3.36E-04	5.79E+01	0.00E+00	2.19E+02	3.06E-06	2.19E+02	2.76E+02	5.79E+01	0.00E+00	0.00E+00	0.00E+00	6.63E-01
NCN116A	6.22E-02	1.21E+01	2.23E-02	1.21E+01	0.00E+00	0.00E+00	2.29E+01	3.19E-05	7.57E-03	1.22E-01	0.00E+00	5.32E-01	1.53E-09	3.65E-08	1.74E+01	3.36E-01	0.00E+00	0.00E+00	2.18E-02	2.05E+00	3.06E+02	0.00E+00	5.88E-08	5.00E-07	2.38E-02	4.70E-04	8.11E+01	0.00E+00	3.06E+02	4.29E-06	3.06E+02	3.87E+02	8.11E+01	0.00E+00	0.00E+00	0.00E+00	9.30E-01
NCN116N	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
NCN120A	6.08E-02	1.19E+01	2.18E-02	1.18E+01	0.00E+00	0.00E+00	2.24E+01	3.12E-05	7.40E-03	1.19E-01	0.00E+00	5.20E-01	1.49E-09	3.56E-08	1.70E+01	3.28E-01	0.00E+00	0.00E+00	2.13E-02	2.00E+00	2.99E+02	0.00E+00	5.75E-08	4.89E-07	2.33E-02	4.59E-04	7.92E+01	0.00E+00	2.99E+02	4.19E-06	2.99E+02	3.78E+02	7.92E+01	0.00E+00	0.00E+00	0.00E+00	9.08E-01
NCN125N	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
NCN132A	8.66E-02	1.69E+01	3.11E-02	1.69E+01	0.00E+00	0.00E+00	3.19E+01	4.45E-05	1.06E-02	1.69E-01	0.00E+00	7.41E-01	2.13E-09	5.08E-08	2.43E+01	4.68E-01	0.00E+00	0.00E+00	3.04E-02	2.85E+00	4.27E+02	0.00E+00	8.19E-08	6.97E-07	3.32E-02	6.55E-04	1.13E+02	0.00E+00	4.27E+02	5.98E-06	4.27E+02	5.40E+02	1.13E+02	0.00E+00	0.00E+00	0.00E+00	1.29E+00
NCN140A	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.65E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.18E-01
NCN140N	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
NCN150	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NCN150A	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NCN150N	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NCN163	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NCN163A	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NCN163N	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
NCN201N	4.70E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
NCN202A	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NCN202N	5.98E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.28E-04	1.17E-02	0.00E+00	5.12E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.81E-08	2.29E-03	4.52E-05	7.80E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.80E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
NCN203A	9.42E-03	1.84E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.47E+00	4.84E-06	1.15E-03	1.84E-02	0.00E+00	8.06E-02	2.31E-10	5.52E-09	2.64E+00	5.09E-02	0.00E+00	0.00E+00	3.31E-03	3.10E-01	4.64E+01	0.00E+00	8.91E-09	7.58E-08	3.61E-03	7.12E-05	1.23E+01	0.00E+00	4.64E+01	6.50E-07	4.64E+01	5.87E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.41E-01
NCN203N	8.33E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NCN204	1.15E-02	2.23E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.88E-06	1.39E-03	2.24E-02	0.00E+00	9.79E-02	2.81E-10	6.71E-09	3.21E+00	6.18E-02	0.00E+00	0.00E+00	4.02E-03	3.77E-01	5.64E+01	0.00E+00	1.08E-08	9.21E-08	4.39E-03	8.66E-05	1.49E+01	0.00E+00	5.64E+01	7.90E-07	5.64E+01	7.13E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NCN204A	1.15E-02	2.23E+00	4.11E-03	2.23E+00	0.00E+00	0.00E+00	4.22E+00	5.88E-06	1.39E-03	2.24E-02	0.00E+00	9.79E-02	2.81E-10	6.71E-09	3.21E+00	6.18E-02	0.00E+00	0.00E+00	4.02E-03	3.77E-01	5.64E+01	0.00E+00	1.08E-08	9.21E-08	4.39E-03	8.66E-05	1.49E+01	0.00E+00	5.64E+01	7.90E-07	5.64E+01	7.13E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NCN204N	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NCN206N	5.55E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
NCN210A	8.82E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NCN210N	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NCN216A	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NCN216N	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NCN220N	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NCN240A	1.59E-01	3.10E+01	5.71E-02	3.10E+01	0.00E+00	0.00E+00	5.86E+01	8.17E-05	1.94E-02	3.11E-01	0.00E+00	1.36E+00	3.90E-09	9.32E-08	4.46E+01	8.59E-01	0.00E+00	0.00E+00	5.59E-02	5.24E+00	7.83E+02	0.00E+00	1.50E-07	1.28E-06	6.10E-02	1.20E-03	2.07E+02	0.00E+00	7.83E+02	1.10E-05	7.83E+02	9.91E+02	2.07E+02	0.00E+00	0.00E+00	0.00E+00	2.38E+00
NCN240N	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NCN250N	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
NCN263N	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
NCN301N	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.60E+00	3.62E-06	8.58E-04	1.38E-02	0.00E+00	6.03E-02	1.73E-10	4.13E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.67E-09	5.67E-08	2.70E-03	5.33E-05	9.19E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.19E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
NCN302N	9.19E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.39E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.86E-02	2.25E-10	5.38E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.03E-01	4.52E+01	0.00E+00	8.69E-09	7.39E-08	3.52E-03	6.95E-05	1.20E+01	0.00E+00	4.52E+01	6.34E-07	4.52E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
NCN303A	1.41E-02	2.75E+00	5.06E-03	2.75E+00	0.00E+00	0.00E+00	5.20E+00	7.24E-06	1.72E-03	2.76E-02	0.00E+00	1.21E-01	3.46E-10	8.26E-09	3.95E+00	7.61E-02	0.00E+00	0.00E+00	4.95E-03	4.65E-01	6.94E+01	0.00E+00	1.33E-08	1.13E-07	5.40E-03	1.07E-04	1.84E+01	0.00E+00	6.94E+01	9.73E-07	6.94E+01	8.78E+01	1.84E+01	0.00E+00	0.00E+00	0.00E+00	2.11E-01
NCN303N	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
NCN304N	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.25E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
NCN306	8.68E-03	1.69E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.20E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.42E-02	2.13E-10	5.08E-09	2.43E+00	4.68E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.27E+01	0.00E+00	8.20E-09	6.98E-08	3.32E-03	6.56E-05	1.13E+01	0.00E+00	4.27E+01	5.99E-07	4.27E+01	5.40E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NCN306A	8.67E-03	1.69E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.20E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.42E-02	2.13E-10	5.08E-09	2.43E+00	4.68E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.27E+01	0.00E+00	8.20E-09	6.98E-08	3.32E-03	6.56E-05	1.13E+01	0.00E+00	4.27E+01	5.99E-07	4.27E+01	5.40E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
NCN306N	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01

NCN310A	1.31E-02	2.56E+00	4.70E-03	2.55E+00	0.00E+00	0.00E+00	4.83E+00	6.73E-06	1.59E-03	2.56E-02	0.00E+00	1.12E-01	3.21E-10	7.68E-09	3.67E+00	7.07E-02	0.00E+00	0.00E+00	4.60E-03	4.31E-01	6.45E+01	0.00E+00	1.24E-08	1.05E-07	5.02E-03	9.90E-05	1.71E+01	0.00E+00	6.45E+01	9.04E-07	6.45E+01	8.16E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NCN310N	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
NCN316	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
NCN316A	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
NCN316N	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NCN320A	1.72E-02	3.35E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.82E-06	2.09E-03	3.36E-02	0.00E+00	1.47E-01	4.21E-10	1.01E-08	4.82E+00	9.27E-02	0.00E+00	0.00E+00	6.03E-03	5.66E-01	8.46E+01	0.00E+00	1.62E-08	1.38E-07	6.58E-03	1.30E-04	2.24E+01	0.00E+00	8.46E+01	1.19E-06	8.46E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NCN320N	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NCN325A	2.52E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.51E-01
NCN325N	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
NCN332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NCN332A	2.92E-01	5.70E+01	1.05E-01	5.69E+01	0.00E+00	0.00E+00	1.08E+02	1.50E-04	3.56E-02	5.71E-01	0.00E+00	2.50E+00	7.16E-09	1.71E-07	8.19E+01	1.58E+00	0.00E+00	0.00E+00	1.03E-01	9.62E+00	1.44E+03	0.00E+00	2.76E-07	2.35E-06	1.12E-01	2.21E-03	3.81E+02	0.00E+00	1.44E+03	2.02E-05	1.44E+03	1.82E+03	3.81E+02	0.00E+00	0.00E+00	0.00E+00	4.36E+00
NCN340A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
NCN340N	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.82E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
NCN350A	3.65E-01	7.13E+01	1.31E-01	7.12E+01	0.00E+00	0.00E+00	1.35E+02	1.88E-04	4.45E-02	7.15E-01	0.00E+00	3.13E+00	8.97E-09	2.14E-07	1.03E+02	1.97E+00	0.00E+00	0.00E+00	1.28E-01	1.20E+01	1.80E+03	0.00E+00	3.46E-07	2.94E-06	1.40E-01	2.76E-03	4.76E+02	0.00E+00	1.80E+03	2.52E-05	1.80E+03	2.28E+03	4.76E+02	0.00E+00	0.00E+00	0.00E+00	5.46E+00
NCN350N	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.18E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NCN363	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NCN363A	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NCN363N	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
NCN402A	1.84E-02	3.60E+00	6.62E-03	3.59E+00	0.00E+00	0.00E+00	6.80E+00	9.47E-06	2.25E-03	3.61E-02	0.00E+00	1.58E-01	4.52E-10	1.08E-08	5.17E+00	9.96E-02	0.00E+00	0.00E+00	6.48E-03	6.07E-01	9.08E+01	0.00E+00	1.74E-08	1.48E-07	7.07E-03	1.39E-04	2.40E+01	0.00E+00	9.08E+01	1.27E-06	9.08E+01	1.15E+02	2.40E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
NCN402N	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.25E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
NCN404A	2.33E-02	4.54E+00	8.36E-03	4.54E+00	0.00E+00	0.00E+00	8.58E+00	1.20E-05	2.84E-03	4.56E-02	0.00E+00	1.99E-01	5.71E-10	1.36E-08	6.53E+00	1.26E-01	0.00E+00	0.00E+00	8.18E-03	7.67E-01	1.15E+02	0.00E+00	2.20E-08	1.87E-07	8.92E-03	1.76E-04	3.04E+01	0.00E+00	1.15E+02	1.61E-06	1.15E+02	1.45E+02	3.04E+01	0.00E+00	0.00E+00	0.00E+00	3.48E-01
NCN404N	1.65E-02	3.21E+00	5.91E-03	3.20E+00	0.00E+00	0.00E+00	6.06E+00	8.45E-06	2.00E-03	3.22E-02	0.00E+00	1.41E-01	4.04E-10	9.64E-09	4.61E+00	8.88E-02	0.00E+00	0.00E+00	5.78E-03	5.42E-01	8.10E+01	0.00E+00	1.56E-08	1.32E-07	6.30E-03	1.24E-04	2.14E+01	0.00E+00	8.10E+01	1.14E-06	8.10E+01	1.02E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
NCN406A	1.16E-02	2.27E+00	4.17E-03	2.26E+00	0.00E+00	0.00E+00	4.28E+00	5.97E-06	1.42E-03	2.27E-02	0.00E+00	9.94E-02	2.85E-10	6.81E-09	3.26E+00	6.28E-02	0.00E+00	0.00E+00	4.08E-03	3.83E-01	5.72E+01	0.00E+00	1.10E-08	9.35E-08	4.45E-03	8.79E-05	1.51E+01	0.00E+00	5.72E+01	8.02E-07	5.72E+01	7.24E+01	1.51E+01	0.00E+00	0.00E+00	0.00E+00	1.74E-01
NCN410A	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.53E+00	9.10E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.56E-02	0.00E+00	0.00E+00	6.22E-03	5.83E-01	8.72E+01	0.00E+00	1.67E-08	1.43E-07	6.79E-03	1.34E-04	2.31E+01	0.00E+00	8.72E+01	1.22E-06	8.72E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NCN416	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NCN416A	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NCN420	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
NCN420A	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
NCN425	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
NCN425A	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
NCN432A	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NCN440A	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NCN450	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NCN450A	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NCN463	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
NCN463A	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
NCN463N	5.26E-02	1.03E+01	1.89E-02	1.02E+01	0.00E+00	0.00E+00	1.94E+01	2.70E-05	6.41E-03	1.03E-01	0.00E+00	4.50E-01	1.29E-09	3.08E-08	1.48E+01	2.84E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.59E+02	0.00E+00	4.98E-08	4.23E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.59E+02	3.63E-06	2.59E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	7.86E-01
NCN506A	5.73E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.97E-04	1.12E-02	0.00E+00	4.90E-02	1.40E-10	3.36E-09	1.61E+00	3.09E-02	0.00E+00	0.00E+00	2.01E-03	1.89E-01	2.82E+01	0.00E+00	5.41E-09	4.61E-08	2.19E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.95E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-02
NCN520	1.13E-02	2.21E+00	4.06E-03	2.20E+00	0.00E+00	0.00E+00	4.17E+00	5.80E-06	1.38E-03	2.21E-02	0.00E+00	9.67E-02	2.77E-10	6.62E-09	3.17E+00	6.10E-02	0.00E+00	0.00E+00	3.97E-03	3.72E-01	5.57E+01	0.00E+00	1.07E-08	9.09E-08	4.33E-03	8.54E-05	1.47E+01	0.00E+00	5.57E+01	7.80E-07	5.57E+01	7.04E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NCN520A	1.13E-02	2.21E+00	4.06E-03	2.20E+00	0.00E+00	0.00E+00	4.17E+00	5.80E-06	1.38E-03	2.21E-02	0.00E+00	9.67E-02	2.77E-10	6.62E-09	3.17E+00	6.10E-02	0.00E+00	0.00E+00	3.97E-03	3.72E-01	5.57E+01	0.00E+00	1.07E-08	9.09E-08	4.33E-03	8.54E-05	1.47E+01	0.00E+00	5.57E+01	7.80E-07	5.57E+01	7.04E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NCN532	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NCN613	1.90E-02	3.71E+00	6.83E-03	3.70E+00	0.00E+00	0.00E+00	7.01E+00	9.77E-06	2.32E-03	3.72E-02	0.00E+00	1.63E-01	4.66E-10	1.11E-08	5.33E+00	1.03E-01	0.00E+00	0.00E+00	6.68E-03	6.26E-01	9.36E+01	0.00E+00	1.80E-08	1.53E-07	7.29E-03	1.44E-04	2.48E+01	0.00E+00	9.36E+01	1.31E-06	9.36E+01	1.18E+02	2.48E+01	0.00E+00	0.00E+00	0.00E+00	2.84E-01
NCN620	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	3.47E-01
NCN625	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
NCN632	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NCN640	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NCN650	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NCN663	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
ND106P	2.84E-03	5.54E-01	1.02E-03	5.53E-01	0.00E+00	0.00E+00	1.05E+00	1.46E-06	3.46E-04	5.56E-03	0.00E+00	2.43E-02	6.97E-11	1.67E-09	7.97E-01	1.53E-02	0.00E+00	0.00E+00	9.98E-04	9.36E-02	1.40E+01	0.00E+00	2.69E-09	2.29E-08	1.09E-03	2.15E-05	3.70E+00	0.00E+00	1.40E+01	1.96E-07	1.40E+01	1.77E+01	3.70E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
ND110P	4.00E-03	7.80E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.82E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
ND116P	5.60E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.82E-04	1.09E-02	0.00E+00	4.79E-02	1.37E-10	3.28E-09	1.57E+00	3.02E-02	0.00E+00	0.00E+00	1.97E-03	1.84E-01	2.76E+01	0.00E+00	5.29E-09	4.50E-08	2.15E-03	4.23E-05	7.30E+00	0.00E+00	2.76E+01	3.86E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-02
ND120P	5.47E-03	1.07E+00	1.96E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.66E-04	1.07E-02	0.00E+00	4.68E-02	1.34E-10	3.21E-09	1.53E+00	2.95E-02	0.00E+00	0.00E+00	1.92E-03	1.80E-01	2.69E+01	0.00E+00	5.17E-09	4.40E-08	2.10E-03	4.13E-05	7.13E+00	0.00E+00	2.69E+01	3.77E-07	2.69E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
ND125P	7.20E-03	1.40E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.16E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.81E-09	5.79E-08	2.76E-03	5.44E-05	9.38E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.38E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
ND132P	7.80E-03	1.52E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.50E-04	1.53E-02	0.00E+00	6.67E-02	1.91E-10	4.57E-09	2.19E+00	4.21E-02	0.00E+00	0.00E+00	2.74E-03	2.57E-01	3.84E+01	0.00E+00	7.37E-09	6.27E-08	2.99E-03	5.90E-05	1.02E+01	0.00E+00	3.84E+01	5.38E-07	3.84E+01	4.86E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01
ND140P	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.65E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.18E-01
ND150P	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
ND163P	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
ND206P	5.73E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.97E-04	1.12E-02	0.00E+00	4.90E-02	1.40E-10	3.36E-09	1.61E+00	3.09E-02	0.00E+00	0.00E+00	2.01E-03	1.89E-01	2.82E+01	0.00E+00	5.41E-09	4.61E-08	2.19E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.95E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-02
ND216P	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.63E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
ND220P	1.13E-02	2.21E+00	4.06E-03	2.20E+00	0.00E+00	0.00E+00	4.17E+00	5.80E-06	1.38E-03	2.21E-02	0.00E+00	9.67E-02	2.77E-10	6.62E-09	3.17E+00	6.10E-02	0.00E+00	0.00E+00	3.97E-03	3.72E-01	5.57E+01	0.00E+00	1.07E-08	9.09E-08	4.33E-03	8.54E-05	1.47E+01	0.00E+00	5.57E+01	7.80E-07	5.57E+01	7.04E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
ND225P	1.54E-02	3.00E+00	5.52E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.90E-06	1.87E-03	3.01E-02	0.00E+00	1.32E-01	3.77E-10	9.02E-09	4.31E+00	8.31E-02	0.00E+00	0.00E+00	5.40E-03	5.07E-01	7.58E+01	0.00E+00	1.45E-08	1.24E-07	5.89E-03	1.16E-04	2.00E+01	0.00E+00	7.58E+01	1.06E-06	7.58E+01	9.58E+01	2.00E+01	0.00E+00	0.00E+00	0.00E+00	2.30E-01
ND232P	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
ND240P	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
ND250P	2.26E-02	4.42E+00	8.13E-03	4.41E+00	0.00E+00	0.00E+00	8.35E+00	1.16E-05	2.76E-03	4.43E-02	0.00E+00	1.94E-01	5.56E-10	1.33E-08	6.35E+00	1.22E-01	0.00E+00	0.00E+00	7.95E-03	7.46E-01	1.12E+02	0.00E+00	2.14E-08	1.82E-07	8.68E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.38E-01
ND263P	2.80E-02	5.46E+00	1.00E-02	5.45E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.47E-02	0.00E+00	2.39E-01	6.87E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.83E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.25E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	4.18E-01
ND306P	8.68E-03	1.69E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.20E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.42E-02	2.13E-10	5.08E-09	2.43E+00	4.68E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.27E+01	0.00E+00	8.20E-09	6.98E-08	3.32E-03	6.56E-05	1.13E+01	0.00E+00	4.27E+01	5.99E-07	4.27E+01	5.40E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
ND310P	1.31E-02	2.56E+00	4.70E-03	2.55E+00	0.00E+00	0.00E+00	4.83E+00	6.73E-06	1.59E-03	2.56E-02	0.00E+00	1.12E-01	3.21E-10	7.68E-09	3.67E+00	7.07E-02	0.00E+00	0.00E+00	4.60E-03	4.31E-01	6.45E+01	0.00E+00	1.24E-08	1.05E-07	5.02E-03	9.90E-05	1.71E+01	0.00E+00	6.45E+01	9.04E-07	6.45E+01	8.16E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	1.96E-01
ND316P	1.77E-02	3.45E+00	6.34E-03	3.44E+00	0.00E+00	0.00E+00	6.51E+00	9.08E-06	2.15E-03	3.46E-02	0.00E+00	1.51E-01	4.33E-10	1.04E-08	4.96E+00	9.54E-02	0.00E+00	0.00E+00	6.21E-03	5.82E-01	8.70E+01	0.00E+00	1.67E-08	1.42E-07	6.77E-03	1.34E-04	2.30E+01	0.00E+00	8.70E+01	1.22E-06	8.70E+01	1.10E+02	2.30E+01	0.00E+00	0.00E+00	0.00E+00	2.64E-01
ND320P	1.72E-02	3.35E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.82E-06	2.09E-03	3.36E-02	0.00E+00	1.47E-01	4.21E-10	1.01E-08	4.82E+00	9.27E-02	0.00E+00	0.00E+00	6.03E-03	5.66E-01	8.46E+01	0.00E+00	1.62E-08	1.38E-07	6.58E-03	1.30E-04	2.24E+01	0.00E+00	8.46E+01	1.19E-06	8.46E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
ND325P	2.35E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.51E-01
ND332P	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
ND340P	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.23E-01
ND350P	3.29E-02	6.42E+00	1.18E-02	6.41E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.44E-02	0.00E+00	2.81E-01	8.07E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.92E-01
ND363P	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
ND416P	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
ND425P	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	4.71E-01
ND440P	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
ND450P	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NDN016	5.60E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.82E-04	1.09E-02	0.00E+00	4.79E-02	1.37E-10	3.28E-09	1.57E+00	3.02E-02	0.00E+00	0.00E+00	1.97E-03	1.84E-01	2.76E+01	0.00E+00	5.29E-09	4.50E-08	2.15E-03	4.23E-05	7.30E+00	0.00E+00	2.76E+01	3.86E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-02
NDN020	5.47E-03	1.07E+00	1.96E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.66E-04	1.07E-02	0.00E+00	4.68E-02	1.34E-10	3.21E-09	1.53E+00	2.95E-02	0.00E+00	0.00E+00	1.92E-03	1.80E-01	2.69E+01	0.00E+00	5.17E-09	4.40E-08	2.10E-03	4.13E-05	7.13E+00	0.00E+00	2.69E+01	3.77E-07	2.69E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
NDN032	7.80E-03	1.52E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.50E-04	1.53E-02	0.00E+00	6.67E-02	1.91E-10	4.57E-09	2.19E+00	4.21E-02	0.00E+00	0.00E+00	2.74E-03	2.57E-01	3.84E+01	0.00E+00	7.37E-09	6.27E-08	2.99E-03	5.90E-05	1.02E+01	0.00E+00	3.84E+01	5.38E-07	3.84E+01	4.86E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.17E-01

NDN101A	2.83E-04	5.42E-02	9.97E-05	5.41E-02	0.00E+00	0.00E+00	1.02E-01	1.43E-07	3.38E-05	5.43E-04	0.00E+00	2.38E-03	6.82E-12	1.63E-10	7.79E-02	1.50E-03	0.00E+00	0.00E+00	9.76E-05	9.15E-03	1.37E+00	0.00E+00	2.63E-10	2.24E-09	1.06E-04	2.10E-06	3.62E-01	0.00E+00	1.37E+00	1.92E-08	1.37E+00	1.73E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	4.15E-03
NDN120A	5.47E-03	1.07E+00	1.96E-03	1.07E+00	0.00E+00	0.00E+00	2.02E+00	2.81E-06	6.66E-04	1.07E-02	0.00E+00	4.68E-02	1.34E-10	3.21E-09	1.53E+00	2.95E-02	0.00E+00	0.00E+00	1.92E-03	1.80E-01	2.69E+01	0.00E+00	5.17E-09	4.40E-08	2.10E-03	4.13E-05	7.13E+00	0.00E+00	2.69E+01	3.77E-07	2.69E+01	3.41E+01	7.13E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
NDN140A	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.65E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	1.18E-01
NDN150	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NDN163	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NDN163A	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NDN201	4.51E-03	8.80E-01	1.62E-03	8.78E-01	0.00E+00	0.00E+00	1.66E+00	2.32E-06	5.49E-04	8.82E-03	0.00E+00	3.86E-02	1.11E-10	2.64E-09	1.26E+00	2.43E-02	0.00E+00	0.00E+00	1.58E-03	1.49E-01	2.22E+01	0.00E+00	4.26E-09	3.63E-08	1.73E-03	3.41E-05	5.88E+00	0.00E+00	2.22E+01	3.11E-07	2.22E+01	2.81E+01	5.88E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-02
NDN210	8.83E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NDN250	2.26E-02	4.42E+00	8.13E-03	4.41E+00	0.00E+00	0.00E+00	8.35E+00	1.16E-05	2.76E-03	4.43E-02	0.00E+00	1.94E-01	5.56E-10	1.33E-08	6.35E+00	1.22E-01	0.00E+00	0.00E+00	7.95E-03	7.46E-01	1.12E+02	0.00E+00	2.14E-08	1.82E-07	8.68E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	3.38E-01
NDN301A	6.93E-03	1.35E+00	2.49E-03	1.35E+00	0.00E+00	0.00E+00	2.55E+00	3.56E-06	8.43E-04	1.35E-02	0.00E+00	5.92E-02	1.70E-10	4.06E-09	1.94E+00	3.74E-02	0.00E+00	0.00E+00	2.43E-03	2.28E-01	3.41E+01	0.00E+00	6.54E-09	5.57E-08	2.65E-03	5.23E-05	9.02E+00	0.00E+00	3.41E+01	4.78E-07	3.41E+01	4.31E+01	9.02E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
NDN320A	1.72E-02	3.35E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.82E-06	2.09E-03	3.36E-02	0.00E+00	1.47E-01	4.21E-10	1.01E-08	4.82E+00	9.27E-02	0.00E+00	0.00E+00	6.03E-03	5.66E-01	8.46E+01	0.00E+00	1.62E-08	1.38E-07	6.58E-03	1.30E-04	2.24E+01	0.00E+00	8.46E+01	1.19E-06	8.46E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NDN325	2.35E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.51E-01
NDN325A	2.35E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.51E-01
NDN332A	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NDN340A	2.16E-02	4.21E+00	7.75E-03	4.20E+00	0.00E+00	0.00E+00	7.95E+00	1.11E-05	2.63E-03	4.22E-02	0.00E+00	1.85E-01	5.29E-10	1.26E-08	6.05E+00	1.17E-01	0.00E+00	0.00E+00	7.58E-03	7.11E-01	1.06E+02	0.00E+00	2.04E-08	1.74E-07	8.27E-03	1.63E-04	2.81E+01	0.00E+00	1.06E+02	1.49E-06	1.06E+02	1.34E+02	2.81E+01	0.00E+00	0.00E+00	0.00E+00	3.22E-01
NDN350A	3.29E-02	6.42E+00	1.18E-02	6.41E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.44E-02	0.00E+00	2.81E-01	8.07E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	4.92E-01
NDN363A	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NDN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.53E+00	9.10E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.56E-02	0.00E+00	0.00E+00	6.22E-03	5.83E-01	8.72E+01	0.00E+00	1.67E-08	1.43E-07	6.79E-03	1.34E-04	2.31E+01	0.00E+00	8.72E+01	1.22E-06	8.72E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NDN416	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NDN416A	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NDN432A	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NDN440A	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
NDN450A	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NDN463A	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
NEN116	5.60E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.82E-04	1.09E-02	0.00E+00	4.79E-02	1.37E-10	3.28E-09	1.57E+00	3.02E-02	0.00E+00	0.00E+00	1.97E-03	1.84E-01	2.76E+01	0.00E+00	5.29E-09	4.50E-08	2.15E-03	4.23E-05	7.30E+00	0.00E+00	2.76E+01	3.86E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-02
NEN220	1.13E-02	2.21E+00	4.06E-03	2.20E+00	0.00E+00	0.00E+00	4.17E+00	5.80E-06	1.38E-03	2.21E-02	0.00E+00	9.67E-02	2.77E-10	6.62E-09	3.17E+00	6.10E-02	0.00E+00	0.00E+00	3.97E-03	3.72E-01	5.57E+01	0.00E+00	1.07E-08	9.09E-08	4.33E-03	8.54E-05	1.47E+01	0.00E+00	5.57E+01	7.80E-07	5.57E+01	7.04E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NEN450	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NF100A	2.19E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.48E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-03
NF101A	2.19E-04	4.17E-02	7.67E-05	4.16E-02	0.00E+00	0.00E+00	7.88E-02	1.10E-07	2.60E-05	4.18E-04	0.00E+00	1.83E-03	5.24E-12	1.25E-10	5.99E-02	1.15E-03	0.00E+00	0.00E+00	7.51E-05	7.04E-03	1.05E+00	0.00E+00	2.02E-10	1.72E-09	8.19E-05	1.62E-06	2.79E-01	0.00E+00	1.05E+00	1.48E-08	1.05E+00	1.33E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	3.19E-03
NF102A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
NF103A	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
NF104A	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
NF106A	2.78E-03	5.42E-01	9.97E-04	5.41E-01	0.00E+00	0.00E+00	1.02E+00	1.43E-06	3.38E-04	5.43E-03	0.00E+00	2.38E-02	6.81E-11	1.63E-09	7.79E-01	1.50E-02	0.00E+00	0.00E+00	9.75E-04	9.15E-02	1.37E+01	0.00E+00	2.63E-09	2.23E-08	1.06E-03	2.10E-05	3.62E+00	0.00E+00	1.37E+01	1.92E-07	1.37E+01	1.73E+01	3.62E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-02
NF110A	3.85E-03	7.50E-01	1.38E-03	7.49E-01	0.00E+00	0.00E+00	1.42E+00	1.98E-06	4.68E-04	7.52E-03	0.00E+00	3.29E-02	9.43E-11	2.25E-09	1.08E+00	2.08E-02	0.00E+00	0.00E+00	1.35E-03	1.27E-01	1.89E+01	0.00E+00	3.64E-09	3.09E-08	1.47E-03	2.91E-05	5.01E+00	0.00E+00	1.89E+01	2.65E-07	1.89E+01	2.40E+01	5.01E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-02
NF116A	5.13E-03	1.00E+00	1.84E-03	9.99E-01	0.00E+00	0.00E+00	1.89E+00	2.63E-06	6.24E-04	1.00E-02	0.00E+00	4.38E-02	1.26E-10	3.01E-09	1.44E+00	2.77E-02	0.00E+00	0.00E+00	1.80E-03	1.69E-01	2.53E+01	0.00E+00	4.85E-09	4.13E-08	1.96E-03	3.88E-05	6.68E+00	0.00E+00	2.53E+01	3.54E-07	2.53E+01	3.19E+01	6.68E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
NF120A	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
NF125A	6.41E-03	1.25E+00	2.30E-03	1.25E+00	0.00E+00	0.00E+00	2.36E+00	3.29E-06	7.80E-04	1.25E-02	0.00E+00	5.48E-02	1.57E-10	3.76E-09	1.80E+00	3.46E-02	0.00E+00	0.00E+00	2.25E-03	2.11E-01	3.16E+01	0.00E+00	6.06E-09	5.16E-08	2.46E-03	4.85E-05	8.35E+00	0.00E+00	3.16E+01	4.42E-07	3.16E+01	3.99E+01	8.35E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-02
NF132A	9.40E-03	1.83E+00	3.38E-03	1.83E+00	0.00E+00	0.00E+00	3.46E+00	4.83E-06	1.14E-03	1.84E-02	0.00E+00	8.04E-02	2.31E-10	5.51E-09	2.64E+00	5.08E-02	0.00E+00	0.00E+00	3.30E-03	3.10E-01	4.63E+01	0.00E+00	8.89E-09	7.56E-08	3.60E-03	7.11E-05	1.23E+01	0.00E+00	4.63E+01	6.49E-07	4.63E+01	5.85E+01	1.23E+01	0.00E+00	0.00E+00	0.00E+00	1.40E-01
NF140A	1.03E-02	2.00E+00	3.68E-03	2.00E+00	0.00E+00	0.00E+00	3.78E+00	5.27E-06	1.25E-03	2.01E-02	0.00E+00	8.77E-02	2.52E-10	6.01E-09	2.88E+00	5.54E-02	0.00E+00	0.00E+00	3.60E-03	3.38E-01	5.05E+01	0.00E+00	9.70E-09	8.25E-08	3.93E-03	7.75E-05	1.34E+01	0.00E+00	5.05E+01	7.08E-07	5.05E+01	6.39E+01	1.34E+01	0.00E+00	0.00E+00	0.00E+00	1.53E-01
NF150A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NF163A	1.58E-02	3.08E+00	5.68E-03	3.08E+00	0.00E+00	0.00E+00	5.83E+00	8.12E-06	1.93E-03	3.09E-02	0.00E+00	1.35E-01	3.88E-10	9.27E-09	4.43E+00	8.54E-02	0.00E+00	0.00E+00	5.55E-03	5.21E-01	7.79E+01	0.00E+00	1.49E-08	1.27E-07	6.06E-03	1.20E-04	2.06E+01	0.00E+00	7.79E+01	1.09E-06	7.79E+01	9.85E+01	2.06E+01	0.00E+00	0.00E+00	0.00E+00	2.36E-01
NF200A	4.92E-03	9.59E-01	1.76E-03	9.57E-01	0.00E+00	0.00E+00	1.81E+00	2.52E-06	5.98E-04	9.61E-03	0.00E+00	4.20E-02	1.21E-10	2.88E-09	1.38E+00	2.65E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.95E-08	1.88E-03	3.71E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-02
NF201A	4.71E-03	9.17E-01	1.69E-03	9.15E-01	0.00E+00	0.00E+00	1.73E+00	2.41E-06	5.72E-04	9.19E-03	0.00E+00	4.02E-02	1.15E-10	2.75E-09	1.32E+00	2.54E-02	0.00E+00	0.00E+00	1.65E-03	1.55E-01	2.31E+01	0.00E+00	4.44E-09	3.78E-08	1.80E-03	3.55E-05	6.13E+00	0.00E+00	2.31E+01	3.24E-07	2.31E+01	2.93E+01	6.13E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
NF202A	5.99E-03	1.17E+00	2.15E-03	1.17E+00	0.00E+00	0.00E+00	2.20E+00	3.07E-06	7.28E-04	1.17E-02	0.00E+00	5.12E-02	1.47E-10	3.51E-09	1.68E+00	3.23E-02	0.00E+00	0.00E+00	2.10E-03	1.97E-01	2.95E+01	0.00E+00	5.66E-09	4.81E-08	2.29E-03	4.52E-05	7.80E+00	0.00E+00	2.95E+01	4.13E-07	2.95E+01	3.73E+01	7.80E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
NF203A	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NF204A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NF206A	5.56E-03	1.08E+00	1.99E-03	1.08E+00	0.00E+00	0.00E+00	2.05E+00	2.85E-06	6.76E-04	1.09E-02	0.00E+00	4.75E-02	1.36E-10	3.26E-09	1.56E+00	3.00E-02	0.00E+00	0.00E+00	1.95E-03	1.83E-01	2.74E+01	0.00E+00	5.25E-09	4.47E-08	2.13E-03	4.20E-05	7.24E+00	0.00E+00	2.74E+01	3.83E-07	2.74E+01	3.46E+01	7.24E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
NF210A	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NF216A	1.09E-02	2.13E+00	3.91E-03	2.12E+00	0.00E+00	0.00E+00	4.02E+00	5.60E-06	1.33E-03	2.13E-02	0.00E+00	9.32E-02	2.67E-10	6.39E-09	3.06E+00	5.88E-02	0.00E+00	0.00E+00	3.83E-03	3.59E-01	5.37E+01	0.00E+00	1.03E-08	8.77E-08	4.18E-03	8.24E-05	1.42E+01	0.00E+00	5.37E+01	7.52E-07	5.37E+01	6.79E+01	1.42E+01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
NF220A	1.18E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NF225A	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NF232A	1.56E-02	3.04E+00	5.60E-03	3.04E+00	0.00E+00	0.00E+00	5.75E+00	8.01E-06	1.90E-03	3.05E-02	0.00E+00	1.33E-01	3.83E-10	9.14E-09	4.37E+00	8.42E-02	0.00E+00	0.00E+00	5.48E-03	5.14E-01	7.68E+01	0.00E+00	1.47E-08	1.25E-07	5.98E-03	1.18E-04	2.03E+01	0.00E+00	7.68E+01	1.08E-06	7.68E+01	9.71E+01	2.03E+01	0.00E+00	0.00E+00	0.00E+00	2.33E-01
NF240A	2.05E-02	4.00E+00	7.36E-03	3.99E+00	0.00E+00	0.00E+00	7.56E+00	1.05E-05	2.50E-03	4.01E-02	0.00E+00	1.75E-01	5.03E-10	1.20E-08	5.75E+00	1.11E-01	0.00E+00	0.00E+00	7.20E-03	6.76E-01	1.01E+02	0.00E+00	1.94E-08	1.65E-07	7.86E-03	1.55E-04	2.67E+01	0.00E+00	1.01E+02	1.42E-06	1.01E+02	1.28E+02	2.67E+01	0.00E+00	0.00E+00	0.00E+00	3.07E-01
NF250A	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	2.68E-01
NF263A	2.56E-02	5.00E+00	9.20E-03	4.99E+00	0.00E+00	0.00E+00	9.45E+00	1.32E-05	3.12E-03	5.01E-02	0.00E+00	2.19E-01	6.29E-10	1.50E-08	7.19E+00	1.38E-01	0.00E+00	0.00E+00	9.00E-03	8.45E-01	1.26E+02	0.00E+00	2.42E-08	2.06E-07	9.82E-03	1.94E-04	3.34E+01	0.00E+00	1.26E+02	1.77E-06	1.26E+02	1.60E+02	3.34E+01	0.00E+00	0.00E+00	0.00E+00	3.83E-01
NF300A	7.27E-03	1.42E+00	2.61E-03	1.41E+00	0.00E+00	0.00E+00	2.68E+00	3.73E-06	8.85E-04	1.42E-02	0.00E+00	6.21E-02	1.78E-10	4.26E-09	2.04E+00	3.92E-02	0.00E+00	0.00E+00	2.55E-03	2.39E-01	3.58E+01	0.00E+00	6.87E-09	5.85E-08	2.78E-03	5.49E-05	9.47E+00	0.00E+00	3.58E+01	5.01E-07	3.58E+01	4.52E+01	9.47E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
NF301A	7.06E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.60E+00	3.62E-06	8.58E-04	1.38E-02	0.00E+00	6.03E-02	1.73E-10	4.13E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.67E-09	5.67E-08	2.70E-03	5.33E-05	9.19E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.19E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
NF302A	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.39E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.86E-02	2.25E-10	5.38E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.03E-01	4.52E+01	0.00E+00	8.69E-09	7.39E-08	3.52E-03	6.95E-05	1.20E+01	0.00E+00	4.52E+01	6.34E-07	4.52E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
NF303A	1.28E-02	2.50E+00	4.60E-03	2.50E+00	0.00E+00	0.00E+00	4.72E+00	6.58E-06	1.56E-03	2.51E-02	0.00E+00	1.10E-01	3.14E-10	7.51E-09	3.60E+00	6.92E-02	0.00E+00	0.00E+00	4.50E-03	4.22E-01	6.31E+01	0.00E+00	1.21E-08	1.03E-07	4.91E-03	9.69E-05	1.67E+01	0.00E+00	6.31E+01	8.85E-07	6.31E+01	7.98E+01	1.67E+01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
NF304A	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.25E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
NF306A	8.34E-03	1.63E+00	2.99E-03	1.62E+00	0.00E+00	0.00E+00	3.07E+00	4.28E-06	1.01E-03	1.63E-02	0.00E+00	7.13E-02	2.04E-10	4.88E-09	2.34E+00	4.50E-02	0.00E+00	0.00E+00	2.93E-03	2.74E-01	4.10E+01	0.00E+00	7.88E-09	6.70E-08	3.19E-03	6.30E-05	1.09E+01	0.00E+00	4.10E+01	5.75E-07	4.10E+01	5.19E+01	1.09E+01	0.00E+00	0.00E+00	0.00E+00	1.25E-01
NF310A	1.24E-02	2.42E+00	4.45E-03	2.41E+00	0.00E+00	0.00E+00	4.57E+00	6.36E-06	1.51E-03	2.42E-02	0.00E+00	1.06E-01	3.04E-10	7.26E-09	3.48E+00	6.69E-02	0.00E+00	0.00E+00	4.35E-03	4.08E-01	6.10E+01	0.00E+00	1.17E-08	9.97E-08	4.75E-03	9.37E-05	1.62E+01	0.00E+00	6.10E+01	8.55E-07	6.10E+01	7.72E+01	1.62E+01	0.00E+00	0.00E+00	0.00E+00	1.85E-01
NF316A	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NF320A	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
NF325A	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
NF332A	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NF340A	3.99E-02	7.80E+00	1.43E-02	7.78E+00	0.00E+00	0.00E+00	1.47E+01	2.05E-05	4.86E-03	7.81E-02	0.00E+00	3.42E-01	9.80E-10	2.34E-08	1.12E+01	2.16E-01	0.00E+00	0.00E+00	1.40E-02	1.32E+00	1.97E+02	0.00E+00	3.78E-08	3.21E-07	1.53E-02	3.02E-04	5.21E+01	0.00E+00	1.97E+02	2.76E-06	1.97E+02	2.49E+02	5.21E+01	0.00E+00	0.00E+00	0.00E+00	5.97E-01
NF350A	3.16E-02	6.17E+00	1.14E-02	6.16E+00	0.00E+00	0.00E+00	1.17E+01	1.62E-05	3.85E-03	6.19E-02	0.00E+00	2.70E-01	7.76E-10	1.85E-08	8.87E+00	1.71E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.56E+02	0.00E+00	2.99E-08	2.54E-07	1.21E-02	2.39E-04	4.12E+01	0.00E+00	1.56E+02	2.18E-06	1.56E+02	1.97E+02	4.12E+01	0.00E+00	0.00E+00	0.00E+00	4.73E-01
NF363A	3.87E-02	7.54E+00	1.39E-02	7.53E+00	0.00E+00	0.00E+00	1.43E+01	1.99E-05	4.71E-03	7.56E-02	0.00E+00	3.31E-01	9.49E-10	2.27E-08	1.08E+01	2.09E-01	0.00E+00	0.00E+00	1.36E-02	1.27E+00	1.90E+02	0.00E+00	3.66E-08	3.11E-07	1.48E-02	2.92E-04	5.04E+01	0.00E+00	1.90E+02	2.67E-06	1.90E+02	2.41E+02	5.04E+01	0.00E+00	0.00E+00	0.00E+00	5.78E-01
NF400A	9.84E-03	1.92E+00	3.53E-03	1.91E+00	0.00E+00	0.00E+00	3.62E+00	5.05E-06	1.20E-03	1.92E-02	0.00E+00	8.40E-02	2.41E-10	5.76E-09	2.76E+00	5.31E-02	0.00E+00	0.00E+00	3.45E-03	3.24E-01	4.84E+01	0.00E+00	9.29E-09	7.91E-08	3.77E-03	7.43E-05	1.28E+01	0.00E+00	4.84E+01	6.78E-07	4.84E+01	6.12E+01	1.28E+01	0.00E+00	0.00E+00	0.00E+00	1.47E-01
NF401A	9.20E-03	1.79E+00	3.30E-03	1.79E+00	0.00E+00	0.00E+00	3.39E+00	4.72E-06	1.12E-03	1.80E-02	0.00E+00	7.86E-02	2.25E-10	5.38E-09	2.58E+00	4.96E-02	0.00E+00	0.00E+00	3.23E-03	3.03E-01	4.52E+01	0.00E+00	8.69E-09	7.39E-08	3.52E-03	6.95E-05	1.20E+01	0.00E+00	4.52E+01	6.34E-07	4.52E+01	5.72E+01	1.20E+01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
NF402A	1.22E-02	2.38E+00	4.37E-03	2.37E+00	0.00E+00	0.00E+00	4.49E+00	6.26E-06	1.48E-03	2.38E-02	0.00E+00	1.04E-01	2.99E-10	7.14E-09	3.42E+00	6.58E-02	0.00E+00	0.00E+00	4.28E-03	4.01E-01	6.00E+01	0.00E+00	1.15E-08	9.80E-08	4.67E-03	9.21E-05	1.59E+01	0.00E+00	6.00E+01	8.40E-07	6.00E+01	7.58E+01	1.59E+01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
NF403A	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NF404A	1.65E-02	3.21E+00	5.91E-03	3.20E+00	0.00E+00	0.00E+00	6.06E+00	8.45E-06	2.00E-03	3.22E-02	0.00E+00	1.41E-01	4.04E-10	9.64E-09	4.61E+00	8.88E-02	0.00E+00	0.00E+00	5.78E-03	5.42E-01	8.10E+01	0.00E+00	1.56E-08	1.32E-07	6.30E-03	1.24E-04	2.14E+01	0.00E+00	8.10E+01	1.14E-06	8.10E+01	1.02E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	2.46E-01
NF406A	1.11E-02	2.17E+00	3.99E-03	2.16E+00	0.00E+00	0.00E+00	4.09E+00	5.71E-06	1.35E-03	2.17E-02	0.00E+00	9.50E-02	2.73E-10	6.51E-09	3.12E+00	6.00E-02	0.00E+00	0.00E+00	3.90E-03	3.66E-01	5.47E+01	0.00E+00	1.05E-08	8.94E-08	4.26E-03	8.40E-05	1.45E+01	0.00E+00	5.47E+01	7.67E-07	5.47E+01	6.92E+01	1.45E+01	0.00E+00	0.00E+00	0.00E+00	1.66E-01
NF410A	1.69E-02	3.29E+00	6.06E-03	3.29E+00	0.00E+00	0.00E+00	6.22E+00	8.67E-06	2.06E-03	3.30E-02	0.00E+00	1.44E-01	4.14E-10	9.89E-09	4.73E+00	9.11E-02	0.00E+00	0.00E+00	5.93E-03	5.56E-01	8.31E+01	0.00E+00	1.60E-08	1.36E-07	6.47E-03	1.28E-04	2.20E+01	0.00E+00	8.31E+01	1.16E-06	8.31E+01	1.05E+02	2.20E+01	0.00E+00	0.00E+00	0.00E+00	2.52E-01
NF416A	2.29E-02	4.46E+00	8.21E-03	4.45E+00	0.00E+00	0.00E+00	8.43E+00	1.17E-05	2.78E-03	4.47E-02	0.00E+00	1.95E-01	5.61E-10	1.34E-08	6.41E+00	1.23E-01	0.00E+00	0.00E+00	8.03E-03	7.53E-01	1.13E+02	0.00E+00	2.16E-08	1.84E-07	8.76E-03	1.73E-04	2.98E+01	0.00E+00	1.13E+02	1.58E-06	1.13E+02	1.42E+02	2.98E+01	0.00E+00	0.00E+00	0.00E+00	3.42E-01
NF420A	2.48E-02	4.84E+00	8.90E-03	4.83E+00	0.00E+00	0.00E+00	9.13E+00	1.27E-05	3.02E-03	4.85E-02	0.00E+00	2.12E-01	6.08E-10	1.45E-08	6.95E+00	1.34E-01	0.00E+00	0.00E+00	8.70E-03	8.16E-01	1.22E+02	0.00E+00	2.34E-08	1.99E-07	9.50E-03	1.87E-04	3.23E+01	0.00E+00	1.22E+02	1.71E-06	1.22E+02	1.54E+02	3.23E+01	0.00E+00	0.00E+00	0.00E+00	3.70E-01
NF425A	2.91E-02	5.67E+00	1.04E-02	5.66E+00	0.00E+00	0.00E+00	1.07E+01	1.49E-05	3.54E-03	5.68E-02	0.00E+00	2.48E-01	7.13E-10	1.70E-08	8.15E+00	1.57E-01	0.00E+00	0.00E+00	1.02E-02	9.57E-01	1.43E+02	0.00E+00	2.75E-08	2.34E-07	1.11E-02	2.20E-04	3.79E+01	0.00E+00	1.43E+02	2.01E-06	1.43E+02	1.81E+02	3.79E+01	0.00E+00	0.00E+00	0.00E+00	4.34E-01
NF432A	2.99E-02	5.84E+00	1.07E-02	5.83E+00	0.00E+00	0.00E+00	1.10E+01	1.54E-05	3.64E-03	5.85E-02	0.00E+00	2.56E-01	7.34E-10	1.75E-08	8.39E+00	1.61E-01	0.00E+00	0.00E+00	1.05E-02	9.85E-01	1.47E+02	0.00E+00	2.83E-08	2.41E-07	1.15E-02	2.26E-04	3.90E+01	0.00E+00	1.47E+02	2.06E-06	1.47E+02	1.86E+02	3.90E+01	0.00E+00	0.00E+00	0.00E+00	4.47E-01
NF440A	4.55E-02	8.88E+00	1.63E-02	8.86E+00	0.00E+00	0.00E+00	1.68E+01	2.34E-05	5.54E-03	8.90E-02	0.00E+00	3.89E-01	1.12E-09	2.67E-08	1.28E+01	2.46E-01	0.00E+00	0.00E+00	1.60E-02	1.50E+00	2.24E+02	0.00E+00	4.30E-08	3.66E-07	1.74E-02	3.44E-04	5.93E+01	0.00E+00	2.24E+02	3.14E-06	2.24E+02	2.83E+02	5.93E+01	0.00E+00	0.00E+00	0.00E+00	6.80E-01

NF450A	4.21E-02	8.21E+00	1.51E-02	8.20E+00	0.00E+00	0.00E+00	1.55E+01	2.16E-05	5.12E-03	8.23E-02	0.00E+00	3.60E-01	1.03E-09	2.47E-08	1.18E+01	2.27E-01	0.00E+00	0.00E+00	1.48E-02	1.39E+00	2.07E+02	0.00E+00	3.98E-08	3.39E-07	1.61E-02	3.18E-04	5.49E+01	0.00E+00	2.07E+02	2.90E-06	2.07E+02	2.62E+02	5.49E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-01
NF463A	5.26E-02	1.03E+01	1.89E-02	1.02E+01	0.00E+00	0.00E+00	1.94E+01	2.70E-05	6.41E-03	1.03E-01	0.00E+00	4.50E-01	1.29E-09	3.08E-08	1.48E+01	2.84E-01	0.00E+00	0.00E+00	1.85E-02	1.73E+00	2.59E+02	0.00E+00	4.98E-08	4.23E-07	2.02E-02	3.98E-04	6.86E+01	0.00E+00	2.59E+02	3.63E-06	2.59E+02	3.28E+02	6.86E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-01
NFN113	4.94E-03	9.63E-01	1.77E-03	9.61E-01	0.00E+00	0.00E+00	1.82E+00	2.53E-06	6.01E-04	9.65E-03	0.00E+00	4.22E-02	1.21E-10	2.89E-09	1.38E+00	2.66E-02	0.00E+00	0.00E+00	1.73E-03	1.63E-01	2.43E+01	0.00E+00	4.67E-09	3.97E-08	1.89E-03	3.73E-05	6.43E+00	0.00E+00	2.43E+01	3.41E-07	2.43E+01	3.07E+01	6.43E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-02
NFN132	7.80E-03	1.52E+00	2.80E-03	1.52E+00	0.00E+00	0.00E+00	2.87E+00	4.01E-06	9.50E-04	1.53E-02	0.00E+00	6.67E-02	1.91E-10	4.57E-09	2.19E+00	4.21E-02	0.00E+00	0.00E+00	2.74E-03	2.57E-01	3.84E+01	0.00E+00	7.37E-09	6.27E-08	2.99E-03	5.90E-05	1.02E+01	0.00E+00	3.84E+01	5.38E-07	3.84E+01	4.86E+01	1.02E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
NFN140	7.92E-03	1.55E+00	2.85E-03	1.54E+00	0.00E+00	0.00E+00	2.92E+00	4.07E-06	9.65E-04	1.55E-02	0.00E+00	6.78E-02	1.94E-10	4.65E-09	2.22E+00	4.28E-02	0.00E+00	0.00E+00	2.78E-03	2.61E-01	3.90E+01	0.00E+00	7.49E-09	6.38E-08	3.04E-03	5.99E-05	1.03E+01	0.00E+00	3.90E+01	5.47E-07	3.90E+01	4.94E+01	1.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-01
NFN150	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NFN163	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NFN206	5.72E-03	1.12E+00	2.06E-03	1.12E+00	0.00E+00	0.00E+00	2.11E+00	2.94E-06	6.97E-04	1.12E-02	0.00E+00	4.90E-02	1.40E-10	3.36E-09	1.61E+00	3.09E-02	0.00E+00	0.00E+00	2.01E-03	1.89E-01	2.82E+01	0.00E+00	5.41E-09	4.61E-08	2.19E-03	4.33E-05	7.46E+00	0.00E+00	2.82E+01	3.95E-07	2.82E+01	3.57E+01	7.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-02
NFN210	8.82E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
NFN220	1.13E-02	2.21E+00	4.06E-03	2.20E+00	0.00E+00	0.00E+00	4.17E+00	5.80E-06	1.38E-03	2.21E-02	0.00E+00	9.67E-02	2.77E-10	6.62E-09	3.17E+00	6.10E-02	0.00E+00	0.00E+00	3.97E-03	3.72E-01	5.57E+01	0.00E+00	1.07E-08	9.09E-08	4.33E-03	8.54E-05	1.47E+01	0.00E+00	5.57E+01	7.80E-07	5.57E+01	7.04E+01	1.47E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-01
NFN225	1.54E-02	3.00E+00	5.52E-03	3.00E+00	0.00E+00	0.00E+00	5.67E+00	7.90E-06	1.87E-03	3.01E-02	0.00E+00	1.32E-01	3.77E-10	9.02E-09	4.31E+00	8.31E-02	0.00E+00	0.00E+00	5.40E-03	5.07E-01	7.58E+01	0.00E+00	1.45E-08	1.24E-07	5.89E-03	1.16E-04	2.00E+01	0.00E+00	7.58E+01	1.06E-06	7.58E+01	9.58E+01	2.00E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01
NFN232	1.71E-02	3.33E+00	6.14E-03	3.33E+00	0.00E+00	0.00E+00	6.30E+00	8.78E-06	2.08E-03	3.34E-02	0.00E+00	1.46E-01	4.19E-10	1.00E-08	4.79E+00	9.23E-02	0.00E+00	0.00E+00	6.00E-03	5.63E-01	8.42E+01	0.00E+00	1.62E-08	1.38E-07	6.55E-03	1.29E-04	2.23E+01	0.00E+00	8.42E+01	1.18E-06	8.42E+01	1.06E+02	2.23E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-01
NFN240	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NFN250	2.26E-02	4.42E+00	8.13E-03	4.41E+00	0.00E+00	0.00E+00	8.35E+00	1.16E-05	2.76E-03	4.43E-02	0.00E+00	1.94E-01	5.56E-10	1.33E-08	6.35E+00	1.22E-01	0.00E+00	0.00E+00	7.95E-03	7.46E-01	1.12E+02	0.00E+00	2.14E-08	1.82E-07	8.68E-03	1.71E-04	2.95E+01	0.00E+00	1.12E+02	1.56E-06	1.12E+02	1.41E+02	2.95E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-01
NFN263	2.80E-02	5.46E+00	1.00E-02	5.45E+00	0.00E+00	0.00E+00	1.03E+01	1.44E-05	3.41E-03	5.47E-02	0.00E+00	2.39E-01	6.87E-10	1.64E-08	7.85E+00	1.51E-01	0.00E+00	0.00E+00	9.83E-03	9.22E-01	1.38E+02	0.00E+00	2.65E-08	2.25E-07	1.07E-02	2.12E-04	3.65E+01	0.00E+00	1.38E+02	1.93E-06	1.38E+02	1.74E+02	3.65E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-01
NFN302	1.32E-02	2.57E+00	4.73E-03	2.56E+00	0.00E+00	0.00E+00	4.85E+00	6.76E-06	1.60E-03	2.57E-02	0.00E+00	1.13E-01	3.23E-10	7.71E-09	3.69E+00	7.11E-02	0.00E+00	0.00E+00	4.62E-03	4.34E-01	6.48E+01	0.00E+00	1.24E-08	1.06E-07	5.04E-03	9.95E-05	1.72E+01	0.00E+00	6.48E+01	9.08E-07	6.48E+01	8.20E+01	1.72E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-01
NFN310	1.31E-02	2.56E+00	4.70E-03	2.55E+00	0.00E+00	0.00E+00	4.83E+00	6.73E-06	1.59E-03	2.56E-02	0.00E+00	1.12E-01	3.21E-10	7.68E-09	3.67E+00	7.07E-02	0.00E+00	0.00E+00	4.60E-03	4.31E-01	6.45E+01	0.00E+00	1.24E-08	1.05E-07	5.02E-03	9.90E-05	1.71E+01	0.00E+00	6.45E+01	9.04E-07	6.45E+01	8.16E+01	1.71E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01
NFN320	1.72E-02	3.35E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.82E-06	2.09E-03	3.36E-02	0.00E+00	1.47E-01	4.21E-10	1.01E-08	4.82E+00	9.27E-02	0.00E+00	0.00E+00	6.03E-03	5.66E-01	8.46E+01	0.00E+00	1.62E-08	1.38E-07	6.58E-03	1.30E-04	2.24E+01	0.00E+00	8.46E+01	1.19E-06	8.46E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-01
NFN325	2.35E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01
NFN350	3.29E-02	6.42E+00	1.18E-02	6.41E+00	0.00E+00	0.00E+00	1.21E+01	1.69E-05	4.01E-03	6.44E-02	0.00E+00	2.81E-01	8.07E-10	1.93E-08	9.23E+00	1.78E-01	0.00E+00	0.00E+00	1.16E-02	1.08E+00	1.62E+02	0.00E+00	3.11E-08	2.65E-07	1.26E-02	2.49E-04	4.29E+01	0.00E+00	1.62E+02	2.27E-06	1.62E+02	2.05E+02	4.29E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-01
NFN363	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-01
NFN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.53E+00	9.10E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.56E-02	0.00E+00	0.00E+00	6.22E-03	5.83E-01	8.72E+01	0.00E+00	1.67E-08	1.43E-07	6.79E-03	1.34E-04	2.31E+01	0.00E+00	8.72E+01	1.22E-06	8.72E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NFN416	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NFN420	2.32E-02	4.53E+00	8.34E-03	4.52E+00	0.00E+00	0.00E+00	8.56E+00	1.19E-05	2.83E-03	4.54E-02	0.00E+00	1.99E-01	5.70E-10	1.36E-08	6.51E+00	1.25E-01	0.00E+00	0.00E+00	8.16E-03	7.65E-01	1.14E+02	0.00E+00	2.20E-08	1.87E-07	8.90E-03	1.76E-04	3.03E+01	0.00E+00	1.14E+02	1.60E-06	1.14E+02	1.45E+02	3.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-01
NFN425	3.15E-02	6.15E+00	1.13E-02	6.14E+00	0.00E+00	0.00E+00	1.16E+01	1.62E-05	3.84E-03	6.16E-02	0.00E+00	2.69E-01	7.73E-10	1.85E-08	8.84E+00	1.70E-01	0.00E+00	0.00E+00	1.11E-02	1.04E+00	1.55E+02	0.00E+00	2.98E-08	2.54E-07	1.21E-02	2.38E-04	4.11E+01	0.00E+00	1.55E+02	2.17E-06	1.55E+02	1.96E+02	4.11E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-01
NFN432	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-01
NFN450	4.34E-02	8.46E+00	1.56E-02	8.45E+00	0.00E+00	0.00E+00	1.60E+01	2.23E-05	5.28E-03	8.48E-02	0.00E+00	3.71E-01	1.06E-09	2.54E-08	1.22E+01	2.34E-01	0.00E+00	0.00E+00	1.52E-02	1.43E+00	2.14E+02	0.00E+00	4.10E-08	3.49E-07	1.66E-02	3.28E-04	5.65E+01	0.00E+00	2.14E+02	2.99E-06	2.14E+02	2.70E+02	5.65E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-01
NFN463	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-01
NFN716	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-01
NFT306	8.55E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-01
NFT310	1.30E-02	2.54E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.69E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.64E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	4.99E-03	9.85E-05	1.70E+01	0.00E+00	6.42E+01	8.99E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01
NFT316	1.77E-02	3.21E+00	5.91E-03	3.20E+00	0.00E+00	0.00E+00	6.06E+00	8.45E-06	2.00E-03	3.22E-02	0.00E+00	1.41E-01	4.04E-10	9.64E-09	4.61E+00	8.88E-02	0.00E+00	0.00E+00	5.78E-03	5.42E-01	8.10E+01	0.00E+00	1.56E-08	1.32E-07	6.30E-03	1.24E-04	2.14E+01	0.00E+00	8.10E+01	1.14E-06	8.10E+01	1.02E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-01
NFT320	1.90E-02	3.46E+00	6.37E-03	3.45E+00	0.00E+00	0.00E+00	6.54E+00	9.11E-06	2.16E-03	3.47E-02	0.00E+00	1.52E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.68E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NFT325	2.37E-02	4.63E+00	8.51E-03	4.62E+00	0.00E+00	0.00E+00	8.74E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.03E-01	5.82E-10	1.39E-08	6.65E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.81E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.64E-06	1.17E+02	1.48E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NFT332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NFT340	3.03E-02	5.92E+00	1.09E-02	5.91E+00	0.00E+00	0.00E+00	1.12E+01	1.56E-05	3.69E-03	5.93E-02	0.00E+00	2.59E-01	7.44E-10	1.78E-08	8.51E+00	1.64E-01	0.00E+00	0.00E+00	1.07E-02	9.99E-01	1.49E+02	0.00E+00	2.87E-08	2.44E-07	1.16E-02	2.29E-04	3.95E+01	0.00E+00	1.49E+02	2.09E-06	1.49E+02	1.89E+02	3.95E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-01
NFT702	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.09E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
NFT703	4.91E-03	9.59E-01	1.76E-03	9.57E-01	0.00E+00	0.00E+00	1.81E+00	2.52E-06	5.98E-04	9.61E-03	0.00E+00	4.20E-02	1.21E-10	2.88E-09	1.38E+00	2.65E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.95E-08	1.88E-03	3.71E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-02
NFT704	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
NFT706	2.99E-03	5.84E-01	1.07E-03	5.83E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.64E-04	5.85E-03	0.00E+00	2.56E-02	7.34E-11	1.75E-09	8.39E-01	1.61E-02	0.00E+00	0.00E+00	1.05E-03	9.85E-02	1.47E+01	0.00E+00	2.83E-09	2.41E-08	1.15E-03	2.26E-05	3.90E+00	0.00E+00	1.47E+01	2.06E-07	1.47E+01	1.86E+01	3.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-02
NFT710	5.73E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
NFT716	8.71E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NFT720	7.05E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.60E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.03E-02	1.73E-10	4.13E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.67E-09	5.67E-08	2.70E-03	5.33E-05	9.19E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.19E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
NFT725	9.40E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NFT732	1.26E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NFT740	1.77E-02	3.46E+00	6.37E-03	3.45E+00	0.00E+00	0.00E+00	6.54E+00	9.11E-06	2.16E-03	3.47E-02	0.00E+00	1.52E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.68E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NFT806	8.55E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-01
NFT810	1.54E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.92E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NFT816	1.86E-02	3.38E+00	6.21E-03	3.37E+00	0.00E+00	0.00E+00	6.38E+00	8.89E-06	2.11E-03	3.39E-02	0.00E+00	1.48E-01	4.25E-10	1.01E-08	4.85E+00	9.34E-02	0.00E+00	0.00E+00	6.08E-03	5.70E-01	8.52E+01	0.00E+00	1.64E-08	1.39E-07	6.63E-03	1.31E-04	2.26E+01	0.00E+00	8.52E+01	1.19E-06	8.52E+01	1.08E+02	2.26E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01
NFT820	1.93E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
NFT825	2.38E-02	4.34E+00	7.98E-03	4.33E+00	0.00E+00	0.00E+00	8.19E+00	1.14E-05	2.71E-03	4.35E-02	0.00E+00	1.90E-01	5.45E-10	1.30E-08	6.23E+00	1.20E-01	0.00E+00	0.00E+00	7.80E-03	7.32E-01	1.09E+02	0.00E+00	2.10E-08	1.79E-07	8.51E-03	1.68E-04	2.90E+01	0.00E+00	1.09E+02	1.53E-06	1.09E+02	1.38E+02	2.90E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-01
NFT832	2.67E-02	5.21E+00	9.59E-03	5.20E+00	0.00E+00	0.00E+00	9.84E+00	1.37E-05	3.25E-03	5.22E-02	0.00E+00	2.28E-01	6.55E-10	1.57E-08	7.49E+00	1.44E-01	0.00E+00	0.00E+00	9.38E-03	8.80E-01	1.32E+02	0.00E+00	2.52E-08	2.15E-07	1.02E-02	2.02E-04	3.48E+01	0.00E+00	1.32E+02	1.84E-06	1.32E+02	1.66E+02	3.48E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-01
NFT840	3.55E-02	6.46E+00	1.19E-02	6.45E+00	0.00E+00	0.00E+00	1.22E+01	1.70E-05	4.03E-03	6.48E-02	0.00E+00	2.83E-01	8.12E-10	1.94E-08	9.29E+00	1.79E-01	0.00E+00	0.00E+00	1.16E-02	1.09E+00	1.63E+02	0.00E+00	3.13E-08	2.66E-07	1.27E-02	2.50E-04	4.32E+01	0.00E+00	1.63E+02	2.29E-06	1.63E+02	2.06E+02	4.32E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-01
NGN150	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-01
NGN163	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01
NGT306	8.55E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-01
NGT310	1.30E-02	2.54E+00	4.68E-03	2.54E+00	0.00E+00	0.00E+00	4.80E+00	6.69E-06	1.59E-03	2.55E-02	0.00E+00	1.11E-01	3.20E-10	7.64E-09	3.66E+00	7.04E-02	0.00E+00	0.00E+00	4.58E-03	4.29E-01	6.42E+01	0.00E+00	1.23E-08	1.05E-07	4.99E-03	9.85E-05	1.70E+01	0.00E+00	6.42E+01	8.99E-07	6.42E+01	8.12E+01	1.70E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01
NGT316	1.65E-02	3.21E+00	5.91E-03	3.20E+00	0.00E+00	0.00E+00	6.06E+00	8.45E-06	2.00E-03	3.22E-02	0.00E+00	1.41E-01	4.04E-10	9.64E-09	4.61E+00	8.88E-02	0.00E+00	0.00E+00	5.78E-03	5.42E-01	8.10E+01	0.00E+00	1.56E-08	1.32E-07	6.30E-03	1.24E-04	2.14E+01	0.00E+00	8.10E+01	1.14E-06	8.10E+01	1.02E+02	2.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-01
NGT320	1.77E-02	3.46E+00	6.37E-03	3.45E+00	0.00E+00	0.00E+00	6.54E+00	9.11E-06	2.16E-03	3.47E-02	0.00E+00	1.52E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.68E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NGT325	2.37E-02	4.63E+00	8.51E-03	4.62E+00	0.00E+00	0.00E+00	8.74E+00	1.22E-05	2.89E-03	4.64E-02	0.00E+00	2.03E-01	5.82E-10	1.39E-08	6.65E+00	1.28E-01	0.00E+00	0.00E+00	8.33E-03	7.81E-01	1.17E+02	0.00E+00	2.24E-08	1.91E-07	9.09E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.64E-06	1.17E+02	1.48E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-01
NGT332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-01
NGT340	3.03E-02	5.92E+00	1.09E-02	5.91E+00	0.00E+00	0.00E+00	1.12E+01	1.56E-05	3.69E-03	5.93E-02	0.00E+00	2.59E-01	7.44E-10	1.78E-08	8.51E+00	1.64E-01	0.00E+00	0.00E+00	1.07E-02	9.99E-01	1.49E+02	0.00E+00	2.87E-08	2.44E-07	1.16E-02	2.29E-04	3.95E+01	0.00E+00	1.49E+02	2.09E-06	1.49E+02	1.89E+02	3.95E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-01
NGT702	4.06E-03	7.92E-01	1.46E-03	7.91E-01	0.00E+00	0.00E+00	1.50E+00	2.08E-06	4.94E-04	7.94E-03	0.00E+00	3.47E-02	9.96E-11	2.38E-09	1.14E+00	2.19E-02	0.00E+00	0.00E+00	1.43E-03	1.34E-01	2.00E+01	0.00E+00	3.84E-09	3.27E-08	1.56E-03	3.07E-05	5.29E+00	0.00E+00	2.00E+01	2.80E-07	2.00E+01	2.53E+01	5.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
NGT703	4.91E-03	9.59E-01	1.76E-03	9.57E-01	0.00E+00	0.00E+00	1.81E+00	2.52E-06	5.98E-04	9.61E-03	0.00E+00	4.20E-02	1.21E-10	2.88E-09	1.38E+00	2.65E-02	0.00E+00	0.00E+00	1.73E-03	1.62E-01	2.42E+01	0.00E+00	4.65E-09	3.95E-08	1.88E-03	3.71E-05	6.40E+00	0.00E+00	2.42E+01	3.39E-07	2.42E+01	3.06E+01	6.40E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-02
NGT704	5.77E-03	1.13E+00	2.07E-03	1.12E+00	0.00E+00	0.00E+00	2.13E+00	2.96E-06	7.02E-04	1.13E-02	0.00E+00	4.93E-02	1.42E-10	3.38E-09	1.62E+00	3.11E-02	0.00E+00	0.00E+00	2.03E-03	1.90E-01	2.84E+01	0.00E+00	5.45E-09	4.64E-08	2.21E-03	4.36E-05	7.52E+00	0.00E+00	2.84E+01	3.98E-07	2.84E+01	3.59E+01	7.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-02
NGT706	2.99E-03	5.84E-01	1.07E-03	5.83E-01	0.00E+00	0.00E+00	1.10E+00	1.54E-06	3.64E-04	5.85E-03	0.00E+00	2.56E-02	7.34E-11	1.75E-09	8.39E-01	1.61E-02	0.00E+00	0.00E+00	1.05E-03	9.85E-02	1.47E+01	0.00E+00	2.83E-09	2.41E-08	1.15E-03	2.26E-05	3.90E+00	0.00E+00	1.47E+01	2.06E-07	1.47E+01	1.86E+01	3.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-02
NGT710	5.34E-03	1.04E+00	1.92E-03	1.04E+00	0.00E+00	0.00E+00	1.97E+00	2.74E-06	6.50E-04	1.04E-02	0.00E+00	4.57E-02	1.31E-10	3.13E-09	1.50E+00	2.88E-02	0.00E+00	0.00E+00	1.88E-03	1.76E-01	2.63E+01	0.00E+00	5.05E-09	4.30E-08	2.05E-03	4.04E-05	6.96E+00	0.00E+00	2.63E+01	3.69E-07	2.63E+01	3.33E+01	6.96E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
NGT716	8.12E-03	1.58E+00	2.91E-03	1.58E+00	0.00E+00	0.00E+00	2.99E+00	4.17E-06	9.89E-04	1.59E-02	0.00E+00	6.94E-02	1.99E-10	4.76E-09	2.28E+00	4.38E-02	0.00E+00	0.00E+00	2.85E-03	2.67E-01	4.00E+01	0.00E+00	7.68E-09	6.53E-08	3.11E-03	6.14E-05	1.06E+01	0.00E+00	4.00E+01	5.60E-07	4.00E+01	5.06E+01	1.06E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
NGT720	7.05E-03	1.38E+00	2.53E-03	1.37E+00	0.00E+00	0.00E+00	2.60E+00	3.62E-06	8.59E-04	1.38E-02	0.00E+00	6.03E-02	1.73E-10	4.13E-09	1.98E+00	3.81E-02	0.00E+00	0.00E+00	2.48E-03	2.32E-01	3.47E+01	0.00E+00	6.67E-09	5.67E-08	2.70E-03	5.33E-05	9.19E+00	0.00E+00	3.47E+01	4.87E-07	3.47E+01	4.39E+01	9.19E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
NGT725	8.76E-03	1.71E+00	3.14E-03	1.71E+00	0.00E+00	0.00E+00	3.23E+00	4.50E-06	1.07E-03	1.71E-02	0.00E+00	7.49E-02	2.15E-10	5.13E-09	2.46E+00	4.73E-02	0.00E+00	0.00E+00	3.08E-03	2.89E-01	4.31E+01	0.00E+00	8.28E-09	7.05E-08	3.36E-03	6.62E-05	1.14E+01	0.00E+00	4.31E+01	6.05E-07	4.31E+01	5.46E+01	1.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-01
NGT732	1.17E-02	2.29E+00	4.22E-03	2.29E+00	0.00E+00	0.00E+00	4.33E+00	6.04E-06	1.43E-03	2.30E-02	0.00E+00	1.00E-01	2.88E-10	6.89E-09	3.30E+00	6.34E-02	0.00E+00	0.00E+00	4.13E-03	3.87E-01	5.79E+01	0.00E+00	1.11E-08	9.45E-08	4.50E-03	8.88E-05	1.53E+01	0.00E+00	5.79E+01	8.11E-07	5.79E+01	7.32E+01	1.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
NGT740	1.77E-02	3.46E+00	6.37E-03	3.45E+00	0.00E+00	0.00E+00	6.54E+00	9.11E-06	2.16E-03	3.47E-02	0.00E+00	1.52E-01	4.35E-10	1.04E-08	4.97E+00	9.57E-02	0.00E+00	0.00E+00	6.23E-03	5.84E-01	8.73E+01	0.00E+00	1.68E-08	1.43E-07	6.80E-03	1.34E-04	2.31E+01	0.00E+00	8.73E+01	1.22E-06	8.73E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01
NGT806	8.55E-03	1.67E+00	3.07E-03	1.66E+00	0.00E+00	0.00E+00	3.15E+00	4.39E-06	1.04E-03	1.67E-02	0.00E+00	7.31E-02	2.10E-10	5.01E-09	2.40E+00	4.61E-02	0.00E+00	0.00E+00	3.00E-03	2.82E-01	4.21E+01	0.00E+00	8.08E-09	6.88E-08	3.27E-03	6.46E-05	1.11E+01	0.00E+00	4.21E+01	5.90E-07	4.21E+01	5.32E+01	1.11E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-01
NGT810	1.43E-02	2.79E+00	5.14E-03	2.79E+00	0.00E+00	0.00E+00	5.28E+00	7.35E-06	1.74E-03	2.80E-02	0.00E+00	1.22E-01	3.51E-10	8.39E-09	4.01E+00	7.73E-02	0.00E+00	0.00E+00	5.03E-03	4.72E-01	7.05E+01	0.00E+00	1.35E-08	1.15E-07	5.49E-03	1.08E-04	1.87E+01	0.00E+00	7.05E+01	9.88E-07	7.05E+01	8.91E+01	1.87E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-01
NGT816	1.73E-02	3.38E+00	6.21E-03	3.37E+00	0.00E+00	0.00E+00	6.38E+00	8.89E-06	2.11E-03	3.39E-02	0.00E+00	1.48E-01	4.25E-10	1.01E-08	4.85E+00	9.34E-02	0.00E+00	0.00E+00	6.08E-03	5.70E-01	8.52E+01	0.00E+00	1.64E-08	1.39E-07	6.63E-03	1.31E-04	2.26E+01	0.00E+00	8.52E+01	1.19E-06	8.52E+01	1.08E+02	2.26E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01
NGT820	1.79E-02	3.50E+00	6.44E-03	3.50E+00	0.00E+00	0.00E+00	6.61E+00	9.22E-06	2.19E-03	3.51E-02	0.00E+00	1.53E-01	4.40E-10	1.05E-08	5.03E+00	9.69E-02	0.00E+00	0.00E+00	6.30E-03	5.91E-01	8.84E+01	0.00E+00	1.70E-08	1.44E-07	6.88E-03	1.36E-04	2.34E+01	0.00E+00	8.84E+01	1.24E-06	8.84E+01	1.12E+02	2.34E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
NGT825	2.22E-02	4.34E+00	7.98E-03	4.33E+00	0.00E+00	0.00E+00	8.19E+00	1.14E-05	2.71E-03	4.35E-02	0.00E+00	1.90E-01	5.45E-10	1.30E-08	6.23E+00	1.20E-01	0.00E+00	0.00E+00	7.80E-03	7.32E-01	1.09E+02	0.00E+00	2.10E-08	1.79E-07	8.51E-03	1.68E-04	2.90E+01	0.00E+00	1.09E+02	1.53E-06	1.09E+02	1.38E+02	2.90E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-01
NGT832	2.67E-02	5.21E+00	9.59E-03	5.20E+00	0.00E+00	0.00E+00	9.84E+00	1.37E-05	3.25E-03	5.22E-02	0.00E+00	2.28E-01	6.55E-10	1.57E-08	7.49E+00	1.44E-01	0.00E+00	0.00E+00	9.38E-03	8.80E-01	1.32E+02	0.00E+00	2.52E-08	2.15E-07	1.02E-02	2.02E-04	3.48E+01	0.00E+00	1.32E+02	1.84E-06	1.32E+02	1.66E+02	3.48E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-01
NGT840	3.31E-02	6.46E+00	1.19E-02	6.45E+00	0.00E+00	0.00E+00	1.22E+01	1.70E-05	4.03E-03	6.48E-02	0.00E+00	2.83E-01	8.12E-10	1.94E-08	9.29E+00	1.79E-01	0.00E+00	0.00E+00	1.16E-02	1.09E+00	1.63E+02	0.00E+00	3.13E-08	2.66E-07	1.27E-02	2.50E-04	4.32E+01	0.00E+00	1.63E+02	2.29E-06	1.63E+02	2.06E+02	4.32E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-01
NKN110	3.99E-03	7.80E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.82E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
NKN125	7.20E-03	1.40E+00	2.58E-03	1.40E+00	0.00E+00	0.00E+00	2.65E+00	3.70E-06	8.77E-04	1.41E-02	0.00E+00	6.16E-02	1.77E-10	4.22E-09	2.02E+00	3.89E-02	0.00E+00	0.00E+00	2.53E-03	2.37E-01	3.55E+01	0.00E+00	6.81E-09	5.79E-08	2.76E-03	5.44E-05	9.38E+00	0.00E+00	3.55E+01	4.97E-07	3.55E+01	4.48E+01	9.38E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01

	NKN150	1.00E-02	1.96E+00	3.61E-03	1.96E+00	0.00E+00	0.00E+00	3.70E+00	5.16E-06	1.22E-03	1.96E-02	0.00E+00	8.59E-02	2.46E-10	5.88E-09	2.82E+00	5.42E-02	0.00E+00	0.00E+00	3.53E-03	3.31E-01	4.95E+01	0.00E+00	9.49E-09	8.08E-08	3.85E-03	7.59E-05	1.31E+01	0.00E+00	4.95E+01	6.93E-07	4.95E+01	6.25E+01	1.31E+01	0.00E+00	0.00E+00	0.00E+00	1.50E-01
	NKN163	1.22E-02	2.39E+00	4.40E-03	2.38E+00	0.00E+00	0.00E+00	4.51E+00	6.29E-06	1.49E-03	2.39E-02	0.00E+00	1.05E-01	3.00E-10	7.17E-09	3.43E+00	6.61E-02	0.00E+00	0.00E+00	4.30E-03	4.03E-01	6.03E+01	0.00E+00	1.16E-08	9.85E-08	4.69E-03	9.25E-05	1.60E+01	0.00E+00	6.03E+01	8.45E-07	6.03E+01	7.62E+01	1.60E+01	0.00E+00	0.00E+00	0.00E+00	1.83E-01
	NKN210	8.82E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
	NKN216	1.14E-02	2.23E+00	4.10E-03	2.22E+00	0.00E+00	0.00E+00	4.21E+00	5.86E-06	1.39E-03	2.23E-02	0.00E+00	9.76E-02	2.80E-10	6.69E-09	3.20E+00	6.16E-02	0.00E+00	0.00E+00	4.01E-03	3.76E-01	5.62E+01	0.00E+00	1.08E-08	9.18E-08	4.37E-03	8.62E-05	1.49E+01	0.00E+00	5.62E+01	7.87E-07	5.62E+01	7.11E+01	1.49E+01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
	NKN416	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
	NKN432	3.52E-02	6.88E+00	1.27E-02	6.87E+00	0.00E+00	0.00E+00	1.30E+01	1.81E-05	4.29E-03	6.90E-02	0.00E+00	3.01E-01	8.65E-10	2.07E-08	9.89E+00	1.90E-01	0.00E+00	0.00E+00	1.24E-02	1.16E+00	1.74E+02	0.00E+00	3.33E-08	2.84E-07	1.35E-02	2.67E-04	4.59E+01	0.00E+00	1.74E+02	2.43E-06	1.74E+02	2.20E+02	4.59E+01	0.00E+00	0.00E+00	0.00E+00	5.27E-01
	NKN440	3.20E-02	6.25E+00	1.15E-02	6.24E+00	0.00E+00	0.00E+00	1.18E+01	1.65E-05	3.90E-03	6.27E-02	0.00E+00	2.74E-01	7.86E-10	1.88E-08	8.99E+00	1.73E-01	0.00E+00	0.00E+00	1.13E-02	1.06E+00	1.58E+02	0.00E+00	3.03E-08	2.58E-07	1.23E-02	2.42E-04	4.18E+01	0.00E+00	1.58E+02	2.21E-06	1.58E+02	2.00E+02	4.18E+01	0.00E+00	0.00E+00	0.00E+00	4.79E-01
	NKN463	5.49E-02	1.07E+01	1.97E-02	1.07E+01	0.00E+00	0.00E+00	2.02E+01	2.82E-05	6.69E-03	1.07E-01	0.00E+00	4.70E-01	1.35E-09	3.22E-08	1.54E+01	2.96E-01	0.00E+00	0.00E+00	1.93E-02	1.81E+00	2.70E+02	0.00E+00	5.19E-08	4.42E-07	2.10E-02	4.15E-04	7.16E+01	0.00E+00	2.70E+02	3.79E-06	2.70E+02	3.42E+02	7.16E+01	0.00E+00	0.00E+00	0.00E+00	8.21E-01
	NQN110	4.00E-03	7.80E-01	1.43E-03	7.78E-01	0.00E+00	0.00E+00	1.47E+00	2.05E-06	4.86E-04	7.82E-03	0.00E+00	3.42E-02	9.80E-11	2.34E-09	1.12E+00	2.16E-02	0.00E+00	0.00E+00	1.40E-03	1.32E-01	1.97E+01	0.00E+00	3.78E-09	3.21E-08	1.53E-03	3.02E-05	5.21E+00	0.00E+00	1.97E+01	2.76E-07	1.97E+01	2.49E+01	5.21E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
	NQN116	5.60E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.82E-04	1.09E-02	0.00E+00	4.79E-02	1.37E-10	3.28E-09	1.57E+00	3.02E-02	0.00E+00	0.00E+00	1.97E-03	1.84E-01	2.76E+01	0.00E+00	5.29E-09	4.50E-08	2.15E-03	4.23E-05	7.30E+00	0.00E+00	2.76E+01	3.86E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-02
	NQN210	8.83E-03	1.72E+00	3.17E-03	1.72E+00	0.00E+00	0.00E+00	3.25E+00	4.53E-06	1.07E-03	1.73E-02	0.00E+00	7.55E-02	2.16E-10	5.17E-09	2.47E+00	4.76E-02	0.00E+00	0.00E+00	3.10E-03	2.91E-01	4.35E+01	0.00E+00	8.34E-09	7.10E-08	3.38E-03	6.67E-05	1.15E+01	0.00E+00	4.35E+01	6.09E-07	4.35E+01	5.50E+01	1.15E+01	0.00E+00	0.00E+00	0.00E+00	1.32E-01
	NQN306	8.68E-03	1.69E+00	3.11E-03	1.69E+00	0.00E+00	0.00E+00	3.20E+00	4.46E-06	1.06E-03	1.70E-02	0.00E+00	7.42E-02	2.13E-10	5.08E-09	2.43E+00	4.68E-02	0.00E+00	0.00E+00	3.05E-03	2.86E-01	4.27E+01	0.00E+00	8.20E-09	6.98E-08	3.32E-03	6.56E-05	1.13E+01	0.00E+00	4.27E+01	5.99E-07	4.27E+01	5.40E+01	1.13E+01	0.00E+00	0.00E+00	0.00E+00	1.30E-01
	NQN320	1.72E-02	3.35E+00	6.17E-03	3.35E+00	0.00E+00	0.00E+00	6.33E+00	8.82E-06	2.09E-03	3.36E-02	0.00E+00	1.47E-01	4.21E-10	1.01E-08	4.82E+00	9.27E-02	0.00E+00	0.00E+00	6.03E-03	5.66E-01	8.46E+01	0.00E+00	1.62E-08	1.38E-07	6.58E-03	1.30E-04	2.24E+01	0.00E+00	8.46E+01	1.19E-06	8.46E+01	1.07E+02	2.24E+01	0.00E+00	0.00E+00	0.00E+00	2.57E-01
	NRN116	5.60E-03	1.09E+00	2.01E-03	1.09E+00	0.00E+00	0.00E+00	2.06E+00	2.88E-06	6.82E-04	1.09E-02	0.00E+00	4.79E-02	1.37E-10	3.28E-09	1.57E+00	3.02E-02	0.00E+00	0.00E+00	1.97E-03	1.84E-01	2.76E+01	0.00E+00	5.29E-09	4.50E-08	2.15E-03	4.23E-05	7.30E+00	0.00E+00	2.76E+01	3.86E-07	2.76E+01	3.49E+01	7.30E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-02
	NRN325	2.35E-02	4.59E+00	8.44E-03	4.58E+00	0.00E+00	0.00E+00	8.66E+00	1.21E-05	2.86E-03	4.60E-02	0.00E+00	2.01E-01	5.77E-10	1.38E-08	6.59E+00	1.27E-01	0.00E+00	0.00E+00	8.25E-03	7.74E-01	1.16E+02	0.00E+00	2.22E-08	1.89E-07	9.01E-03	1.78E-04	3.06E+01	0.00E+00	1.16E+02	1.62E-06	1.16E+02	1.46E+02	3.06E+01	0.00E+00	0.00E+00	0.00E+00	3.51E-01
	NRN363	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
	NRN410	1.77E-02	3.46E+00	6.36E-03	3.45E+00	0.00E+00	0.00E+00	6.53E+00	9.10E-06	2.16E-03	3.46E-02	0.00E+00	1.51E-01	4.35E-10	1.04E-08	4.97E+00	9.56E-02	0.00E+00	0.00E+00	6.22E-03	5.83E-01	8.72E+01	0.00E+00	1.67E-08	1.43E-07	6.79E-03	1.34E-04	2.31E+01	0.00E+00	8.72E+01	1.22E-06	8.72E+01	1.10E+02	2.31E+01	0.00E+00	0.00E+00	0.00E+00	2.65E-01
	NSN332	2.63E-02	5.13E+00	9.43E-03	5.12E+00	0.00E+00	0.00E+00	9.69E+00	1.35E-05	3.20E-03	5.14E-02	0.00E+00	2.25E-01	6.45E-10	1.54E-08	7.37E+00	1.42E-01	0.00E+00	0.00E+00	9.23E-03	8.66E-01	1.29E+02	0.00E+00	2.48E-08	2.11E-07	1.01E-02	1.99E-04	3.43E+01	0.00E+00	1.29E+02	1.81E-06	1.29E+02	1.64E+02	3.43E+01	0.00E+00	0.00E+00	0.00E+00	3.93E-01
	NSN363	4.25E-02	8.30E+00	1.53E-02	8.28E+00	0.00E+00	0.00E+00	1.57E+01	2.18E-05	5.18E-03	8.32E-02	0.00E+00	3.64E-01	1.04E-09	2.49E-08	1.19E+01	2.30E-01	0.00E+00	0.00E+00	1.49E-02	1.40E+00	2.09E+02	0.00E+00	4.02E-08	3.42E-07	1.63E-02	3.21E-04	5.54E+01	0.00E+00	2.09E+02	2.93E-06	2.09E+02	2.65E+02	5.54E+01	0.00E+00	0.00E+00	0.00E+00	6.35E-01
	NSN416	2.37E-02	4.62E+00	8.50E-03	4.61E+00	0.00E+00	0.00E+00	8.73E+00	1.22E-05	2.88E-03	4.63E-02	0.00E+00	2.02E-01	5.81E-10	1.39E-08	6.64E+00	1.28E-01	0.00E+00	0.00E+00	8.31E-03	7.80E-01	1.17E+02	0.00E+00	2.24E-08	1.90E-07	9.07E-03	1.79E-04	3.09E+01	0.00E+00	1.17E+02	1.63E-06	1.17E+02	1.47E+02	3.09E+01	0.00E+00	0.00E+00	0.00E+00	3.54E-01
	YZB110	5.87E-03	1.15E+00	2.11E-03	1.14E+00	0.00E+00	0.00E+00	2.17E+00	3.02E-06	7.15E-04	1.15E-02	0.00E+00	5.02E-02	1.44E-10	3.44E-09	1.65E+00	3.17E-02	0.00E+00	0.00E+00	2.06E-03	1.94E-01	2.89E+01	0.00E+00	5.55E-09	4.73E-08	2.25E-03	4.44E-05	7.66E+00	0.00E+00	2.89E+01	4.05E-07	2.89E+01	3.66E+01	7.66E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
	YZC110	3.48E-03	6.79E-01	1.25E-03	6.78E-01	0.00E+00	0.00E+00	1.28E+00	1.79E-06	4.24E-04	6.81E-03	0.00E+00	2.98E-02	8.54E-11	2.04E-09	9.77E-01	1.88E-02	0.00E+00	0.00E+00	1.22E-03	1.15E-01	1.72E+01	0.00E+00	3.29E-09	2.80E-08	1.33E-03	2.63E-05	4.54E+00	0.00E+00	1.72E+01	2.40E-07	1.72E+01	2.17E+01	4.54E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
	YZB116	5.21E-03	1.02E+00	1.87E-03	1.02E+00	0.00E+00	0.00E+00	1.92E+00	2.68E-06	6.35E-04	1.02E-02	0.00E+00	4.46E-02	1.28E-10	3.06E-09	1.46E+00	2.81E-02	0.00E+00	0.00E+00	1.83E-03	1.72E-01	2.57E+01	0.00E+00	4.93E-09	4.19E-08	2.00E-03	3.94E-05	6.79E+00	0.00E+00	2.57E+01	3.60E-07	2.57E+01	3.25E+01	6.79E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
	YZC116	4.96E-03	9.67E-01	1.78E-03	9.65E-01	0.00E+00	0.00E+00	1.83E+00	2.55E-06	6.04E-04	9.70E-03	0.00E+00	4.24E-02	1.22E-10	2.90E-09	1.39E+00	2.68E-02	0.00E+00	0.00E+00	1.74E-03	1.63E-01	2.44E+01	0.00E+00	4.69E-09	3.99E-08	1.90E-03	3.75E-05	6.46E+00	0.00E+00	2.44E+01	3.42E-07	2.44E+01	3.09E+01	6.46E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
	YZB120	5.96E-03	1.16E+00	2.14E-03	1.16E+00	0.00E+00	0.00E+00	2.20E+00	3.06E-06	7.26E-04	1.17E-02	0.00E+00	5.10E-02	1.46E-10	3.49E-09	1.67E+00	3.22E-02	0.00E+00	0.00E+00	2.09E-03	1.96E-01	2.94E+01	0.00E+00	5.64E-09	4.80E-08	2.28E-03	4.51E-05	7.77E+00	0.00E+00	2.94E+01	4.11E-07	2.94E+01	3.71E+01	7.77E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
	YZC120	5.85E-03	1.14E+00	2.10E-03	1.14E+00	0.00E+00	0.00E+00	2.16E+00	3.01E-06	7.13E-04	1.15E-02	0.00E+00	5.01E-02	1.44E-10	3.43E-09	1.64E+00	3.16E-02	0.00E+00	0.00E+00	2.06E-03	1.93E-01	2.88E+01	0.00E+00	5.53E-09	4.71E-08	2.24E-03	4.43E-05	7.63E+00	0.00E+00	2.88E+01	4.04E-07	2.88E+01	3.65E+01	7.63E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-02
	YZB125	6.30E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.67E-04	1.23E-02	0.00E+00	5.39E-02	1.55E-10	3.69E-09	1.77E+00	3.40E-02	0.00E+00	0.00E+00	2.21E-03	2.08E-01	3.10E+01	0.00E+00	5.96E-09	5.07E-08	2.42E-03	4.76E-05	8.21E+00	0.00E+00	3.10E+01	4.35E-07	3.10E+01	3.93E+01	8.21E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-02
	YZC125	6.30E-03	1.23E+00	2.26E-03	1.23E+00	0.00E+00	0.00E+00	2.32E+00	3.24E-06	7.67E-04	1.23E-02	0.00E+00	5.39E-02	1.55E-10	3.69E-09	1.77E+00	3.40E-02	0.00E+00	0.00E+00	2.21E-03	2.08E-01	3.10E+01	0.00E+00	5.96E-09	5.07E-08	2.42E-03	4.76E-05	8.21E+00	0.00E+00	3.10E+01	4.35E-07	3.10E+01	3.93E+01	8.21E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-02
	YZB316	1.35E-02	2.64E+00	4.86E-03	2.63E+00	0.00E+00	0.00E+00	4.98E+00	6.95E-06	1.65E-03	2.65E-02	0.00E+00	1.16E-01	3.32E-10	7.93E-09	3.79E+00	7.30E-02	0.00E+00	0.00E+00	4.75E-03	4.46E-01	6.66E+01	0.00E+00	1.28E-08	1.09E-07	5.18E-03	1.02E-04	1.76E+01	0.00E+00	6.66E+01	9.33E-07	6.66E+01	8.42E+01	1.76E+01	0.00E+00	0.00E+00	0.00E+00	2.02E-01
	YZC316	1.49E-02	2.91E+00	5.36E-03	2.91E+00	0.00E+00	0.00E+00	5.50E+00	7.67E-06	1.82E-03	2.92E-02	0.00E+00	1.28E-01	3.66E-10	8.75E-09	4.19E+00	8.06E-02	0.00E+00	0.00E+00	5.25E-03	4.92E-01	7.35E+01	0.00E+00	1.41E-08	1.20E-07	5.72E-03	1.13E-04	1.95E+01	0.00E+00	7.35E+01	1.03E-06	7.35E+01	9.30E+01	1.95E+01	0.00E+00	0.00E+00	0.00E+00	2.23E-01
	YZB320	1.85E-02	3.61E+00	6.64E-03	3.60E+00	0.00E+00	0.00E+00	6.81E+00	9.49E-06	2.25E-03	3.61E-02	0.00E+00	1.58E-01	4.53E-10	1.08E-08	5.18E+00	9.98E-02	0.00E+00	0.00E+00	6.49E-03	6.09E-01	9.10E+01	0.00E+00	1.75E-08	1.49E-07	7.08E-03	1.40E-04	2.41E+01	0.00E+00	9.10E+01	1.28E-06	9.10E+01	1.15E+02	2.41E+01	0.00E+00	0.00E+00	0.00E+00	2.76E-01
	YZC320	1.86E-02	3.63E+00	6.67E-03	3.62E+00	0.00E+00	0.00E+00	6.85E+00	9.55E-06	2.26E-03	3.64E-02	0.00E+00	1.59E-01	4.56E-10	1.09E-08	5.21E+00	1.00E-01	0.00E+00	0.00E+00	6.53E-03	6.12E-01	9.15E+01	0.00E+00	1.76E-08	1.50E-07	7.12E-03	1.41E-04	2.42E+01	0.00E+00	9.15E+01	1.28E-06	9.15E+01	1.16E+02	2.42E+01	0.00E+00	0.00E+00	0.00E+00	2.78E-01
	YZB325	2.03E-02	3.95E+00	7.27E-03	3.94E+00	0.00E+00	0.00E+00	7.47E+00	1.04E-05	2.47E-03	3.96E-02	0.00E+00	1.73E-01	4.97E-10	1.19E-08	5.68E+00	1.09E-01	0.00E+00	0.00E+00	7.11E-03	6.67E-01	9.97E+01	0.00E+00	1.91E-08	1.63E-07	7.76E-03	1.53E-04	2.64E+01	0.00E+00	9.97E+01	1.40E-06	9.97E+01	1.26E+02	2.64E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
	YZC325	2.03E-02	3.96E+00	7.29E-03	3.95E+00	0.00E+00	0.00E+00	7.48E+00	1.04E-05	2.47E-03	3.97E-02	0.00E+00	1.74E-01	4.98E-10	1.19E-08	5.69E+00	1.10E-01	0.00E+00	0.00E+00	7.13E-03	6.69E-01	1.00E+02	0.00E+00	1.92E-08	1.63E-07	7.78E-03	1.53E-04	2.65E+01	0.00E+00	1.00E+02	1.40E-06	1.00E+02	1.26E+02	2.65E+01	0.00E+00	0.00E+00	0.00E+00	3.03E-01
	VKS01SG	1.28E-01	2.50E+01	4.61E-02	2.50E+01	0.00E+00	0.00E+00	4.73E+01	6.59E-05	1.56E-02	2.51E-01	0.00E+00	1.10E+00	3.15E-09	7.52E-08	3.60E+01	6.93E-01	0.00E+00	0.00E+00	4.51E-02	4.23E+00	6.32E+02	0.00E+00	1.21E-07	1.03E-06	4.92E-02	9.70E-04	1.67E+02	0.00E+00	6.32E+02	8.85E-06	6.32E+02	7.99E+02	1.67E+02	0.00E+00	0.00E+00	0.00E+00	1.92E+00
	VKS03SF	1.37E-01	2.67E+01	4.92E-02	2.67E+01	0.00E+00	0.00E+00	5.05E+01	7.03E-05	1.67E-02	2.68E-01	0.00E+00	1.17E+00	3.36E-09	8.03E-08	3.84E+01	7.40E-01	0.00E+00	0.00E+00	4.81E-02	4.51E+00	6.75E+02	0.00E+00	1.29E-07	1.10E-06	5.25E-02	1.04E-03	1.79E+02	0.00E+00	6.75E+02	9.45E-06	6.75E+02	8.53E+02	1.79E+02	0.00E+00	0.00E+00	0.00E+00	2.05E+00
	VKS04SD	3.93E-01	7.68E+01	1.41E-01	7.66E+01	0.00E+00	0.00E+00	1.45E+02	2.02E-04	4.79E-02	7.70E-01	0.00E+00	3.37E+00	9.65E-09	2.31E-07	1.10E+02	2.12E+00	0.00E+00	0.00E+00	1.38E-01	1.30E+01	1.94E+03	0.00E+00	3.72E-07	3.17E-06	1.51E-01	2.97E-03	5.13E+02	0.00E+00	1.94E+03	2.72E-05	1.94E+03	2.45E+03	5.13E+02	0.00E+00	0.00E+00	0.00E+00	5.88E+00
	VKS05SK	4.28E-01	8.35E+01	1.54E-01	8.34E+01	0.00E+00	0.00E+00	1.58E+02	2.20E-04	5.21E-02	8.38E-01	0.00E+00	3.66E+00	1.05E-08	2.51E-07	1.20E+02	2.31E+00	0.00E+00	0.00E+00	1.50E-01	1.41E+01	2.11E+03	0.00E+00	4.05E-07	3.45E-06	1.64E-01	3.24E-03	5.58E+02	0.00E+00	2.11E+03	2.96E-05	2.11E+03	2.67E+03	5.58E+02	0.00E+00	0.00E+00	0.00E+00	6.40E+00
	VKS06SV	2.68E-01	5.23E+01	9.62E-02	5.22E+01	0.00E+00	0.00E+00	9.88E+01	1.38E-04	3.26E-02	5.24E-01	0.00E+00	2.29E+00	6.57E-09	1.57E-07	7.52E+01	1.45E+00	0.00E+00	0.00E+00	9.41E-02	8.83E+00	1.32E+03	0.00E+00	2.53E-07	2.16E-06	1.03E-01	2.03E-03	3.49E+02	0.00E+00	1.32E+03	1.85E-05	1.32E+03	1.67E+03	3.49E+02	0.00E+00	0.00E+00	0.00E+00	4.01E+00
	VKS08SC	2.99E-01	5.84E+01	1.07E-01	5.83E+01	0.00E+00	0.00E+00	1.10E+02	1.54E-04	3.64E-02	5.85E-01	0.00E+00	2.56E+00	7.34E-09	1.75E-07	8.39E+01	1.61E+00	0.00E+00	0.00E+00	1.05E-01	9.85E+00	1.47E+03	0.00E+00	2.83E-07	2.41E-06	1.15E-01	2.26E-03	3.90E+02	0.00E+00	1.47E+03	2.06E-05	1.47E+03	1.86E+03	3.90E+02	0.00E+00	0.00E+00	0.00E+00	4.47E+00
	VKS12SJ	3.36E-01	6.56E+01	1.21E-01	6.55E+01	0.00E+00	0.00E+00	1.24E+02	1.73E-04	4.09E-02	6.58E-01	0.00E+00	2.88E+00	8.25E-09	1.97E-07	9.43E+01	1.82E+00	0.00E+00	0.00E+00	1.18E-01	1.11E+01	1.66E+03	0.00E+00	3.18E-07	2.71E-06	1.29E-01	2.54E-03	4.38E+02	0.00E+00	1.66E+03	2.32E-05	1.66E+03	2.09E+03	4.38E+02	0.00E+00	0.00E+00	0.00E+00	5.02E+00
End of life C1-C4	MBN116	6.34E-04	1.39E-01	3.49E-03	1.35E-01	0.00E+00	0.00E+00	7.24E-01	1.38E-06	2.77E-04	1.21E-03	0.00E+00	-4.21E-05	1.30E-10	3.32E-09	4.62E-03	1.90E-01	0.00E+00	0.00E+00	5.60E-01	5.70E-04	1.04E+00	0.00E+00	8.42E-09	4.14E-09	3.16E-04	2.42E-08	9.94E-02	0.00E+00	1.04E+00	2.21E-07	1.04E+00	1.14E+00	9.94E-02	0.00E+00	0.00E+00	0.00E+00	2.00E+01
	HLE180S	1.74E-03	3.27E-01	9.03E-03	3.18E-01	0.00E+00	0.00E+00	2.65E+00	5.90E-06	1.32E-03	2.72E-03	0.00E+00	-2.31E-04	3.59E-10	1.48E-08	1.26E-02	4.91E-01	0.00E+00	0.00E+00	1.48E+00	3.22E-03	2.63E+00	0.00E+00	2.03E-08	9.73E-09	6.93E-04	9.10E-08	2.55E-01	0.00E+00	2.63E+00	4.63E-07	2.63E+00	2.86E+00	2.55E-01	0.00E+00	0.00E+00	0.00E+00	5.42E+01
	HLE280S	3.48E-03	7.19E-01	2.69E-02	7.16E-01	0.00E+00	0.00E+00	4.90E+00	8.78E-06	1.82E-03	5.85E-03	0.00E+00	-3.01E-04	9.38E-10	2.14E-08	3.69E-02	1.25E+00	0.00E+00	0.00E+00	3.14E+00	4.00E-03	7.11E+00	0.00E+00	5.67E-08	3.35E-08	1.86E-03	1.57E-07	7.08E-01	0.00E+00	7.11E+00	2.81E-07	7.11E+00	8.78E+00	7.08E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
	HLE290S	4.98E-03	7.30E-01	2.80E-02	7.22E-01	0.00E+00	0.00E+00	5.03E+00	9.12E-06	2.93E-03	5.95E-03	0.00E+00	-3.19E-04	9.76E-10	3.22E-08	3.71E-02	1.53E+00	0.00E+00	0.00E+00	3.30E+00	4.19E-03	7.35E+00	0.00E+00	5.85E-08	3.38E-08	1.92E-03	1.66E-07	7.34E-01	0.00E+00	7.35E+00	1.11E-06	7.35E+00	9.01E+00	7.34E-01	0.00E+00	0.00E+00	0.00E+00	1.54E+02
	HLE380S	7.87E-03	8.86E-01	3.16E-02	8.71E-01	0.00E+00	0.00E+00	5.82E+00	9.97E-06	4.53E-03	7.73E-03	0.00E+00	-3.32E-04	1.07E-09	5.23E-08	3.62E-02	1.82E+00	0.00E+00	0.00E+00	4.68E+00	4.53E-03	7.65E+00	0.00E+00	6.14E-08	3.39E-08	2.33E-03	1.74E-07	8.78E-01	0.00E+00	7.65E+00	1.22E-06	7.65E+00	8.90E+00	8.78E-01	0.00E+00	0.00E+00	0.00E+00	1.85E+02
	HLE390S	7.86E-03	8.83E-01	3.19E-02	8.67E-01	0.00E+00	0.00E+00	5.83E+00	9.96E-06	4.53E-03	7.72E-03	0.00E+00	-3.17E-04	1.07E-09	5.22E-08	3.63E-02	1.83E+00	0.00E+00	0.00E+00	4.70E+00	4.20E-03	7.69E+00	0.00E+00	6.17E-08	3.41E-08	2.33E-03	1.70E-07	8.81E-01	0.00E+00	7.69E+00	2.82E-07	7.69E+00	8.96E+00	8.81E-01	0.00E+00	0.00E+00	0.00E+00	1.86E+02
	HLF180S	1.74E-03	3.26E-01	9.01E-03	3.16E-01	0.00E+00	0.00E+00	2.66E+00	5.93E-06	1.32E-03	2.72E-03	0.00E+00	-2.28E-04	3.59E-10	1.48E-08	1.26E-02	4.91E-01	0.00E+00	0.00E+00	1.48E+00	3.14E-03	2.63E+00	0.00E+00	2.03E-08	9.73E-09	6.93E-04	8.86E-08	2.55E-01	0.00E+00	2.63E+00	4.63E-07	2.63E+00	2.86E+00	2.55E-01	0.00E+00	0.00E+00	0.00E+00	5.42E+01
	HLF190S	1.83E-03	3.27E-01	9.22E-03	3.23E-01	0.00E+00	0.00E+00	2.42E+00	5.35E-06	1.35E-03	2.81E-03	0.00E+00	-2.34E-04	3.65E-10	1.50E-08	1.24E-02	4.99E-01	0.00E+00	0.00E+00	1.51E+00	3.20E-03	2.65E+00	0.00E+00	2.03E-08	1.02E-08	6.96E-04	8.96E-08	2.61E-01	0.00E+00	2.65E+00	4.55E-07	2.65E+00	2.87E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	5.57E+01
	HLF199S	1.96E-03	3.30E-01	1.08E-02	3.23E-01	0.00E+00	0.00E+00	2.46E+00	5.38E-06	1.80E-03	2.86E-03	0.00E+00	-2.79E-04	3.74E-10	1.91E-08	1.24E-02	5.66E-01	0.00E+00	0.00E+00	1.55E+00	3.79E-03	2.67E+00	0.00E+00	2.05E-08	1.06E-08	7.75E-04	9.64E-08	2.72E-01	0.00E+00	2.67E+00	4.59E-07	2.67E+00	2.89E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	5.71E+01
	HLF280S	3.48E-03	7.20E-01	2.69E-02	7.13E-01	0.00E+00	0.00E+00	4.94E+00	8.94E-06	1.82E-03	5.86E-03	0.00E+00	-3.01E-04	9.48E-10	2.14E-08	3.73E-02	1.25E+00	0.00E+00	0.00E+00	3.14E+00	4.04E-03	7.33E+00	0.00E+00	5.82E-08	3.38E-08	1.86E-03	1.57E-07	7.13E-01	0.00E+00	7.33E+00	3.01E-07	7.33E+00	9.01E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.49E+02
	HLF290S	4.99E-03	6.96E-01	2.73E-02	6.66E-01	0.00E+00	0.00E+00	4.58E+00	7.94E-06	2.93E-03	5.75E-03	0.00E+00	-3.17E-04	8.69E-10	3.22E-08	3.13E-02	1.43E+00	0.00E+00	0.00E+00	3.21E+00	4.14E-03	6.85E+00	0.00E+00	4.73E-08	3.06E-08	1.80E-03	1.65E-07	6.56E-01	0.00E+00	6.85E+00	2.95E-07	6.85E+00	7.76E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.22E+02
	HLF299S	4.98E-03	6.98E-01	2.76E-02	6.69E-01	0.00E+00	0.00E+00	4.55E+00	7.95E-06	2.92E-03	5.78E-03	0.00E+00	-3.21E-04	8.80E-10	3.21E-08	3.09E-02	1.43E+00	0.00E+00	0.00E+00	3.20E+00	4.15E-03	6.84E+00	0.00E+00	4.73E-08	3.06E-08	1.81E-03	1.70E-07	6.53E-01	0.00E+00	6.84E+00	2.76E-07	6.84E+00	7.75E+00	6.53E-01	0.00E+00	0.00E+00	0.00E+00	1.21E+02
	HLF380S	7.88E-03	8.81E-01	3.17E-02	8.65E-01	0.00E+00	0.00E+00	5.83E+00	1.00E-05	4.53E-03	7.71E-03	0.00E+00	-3.33E-04	1.07E-09	5.23E-08	3.64E-02	1.83E+00	0.00E+00	0.00E+00	4.71E+00	4.54E-03	7.70E+00	0.00E+00	6.18E-08	3.42E-08	2.33E-03	1.74E-07	8.82E-01	0.00E+00	7.70E+00	1.26E-06	7.70E+00	8.98E+00	8.82E-01	0.00E+00	0.00E+00	0.00E+00	1.86E+02
	HLF390S	7.86E-03	8.88E-01	3.16E-02	8.72E-01	0.00E+00	0.00E+00	5.82E+00	1.00E-05	4.53E-03	7.74E-03	0.00E+00	-3.22E-04	1.06E-09	5.22E-08	3.61E-02	1.83E+00	0.00E+00	0.00E+00	4.68E+00	4.35E-03	7.64E+00	0.00E+00	6.13E-08	3.39E-08	2.33E-03	1.73E-07	8.76E-01	0.00E+00	7.64E+00	1.21E-06	7.64E+00	8.88E+00	8.76E-01	0.00E+00	0.00E+00	0.00E+00	1.85E+02
	HLF399S	7.98E-03	8.93E-01	3.25E-02	8.78E-01	0.00E+00	0.00E+00	5.82E+00	9.96E-06	4.54E-03	7.80E-03	0.00E+00	-4.05E-04	1.08E-09	5.23E-08	3.63E-02	1.84E+00	0.00E+00	0.00E+00	4.68E+00	5.26E-03	7.67E+00	0.00E+00	6.17E-08	3.41E-08	2.34E-03	1.89E-07	8.85E-01	0.00E+00	7.67E+00	2.81E-07	7.67E+00	8.90E+00	8.85E-01	0.00E+00	0.00E+00	0.00E+00	1.85E+02
	HMB180	2.67E-03	3.56E-01	1.18E-02	3.43E-01	0.00E+00	0.00E+00	2.96E+00	5.70E-06	1.39E-03	3.15E-03	0.00E+00	-1.68E-04	4.01E-10	1.65E-08	1.41E-02	6.64E-01	0.00E+00	0.00E+00	1.83E+00	2.26E-03	3.09E+00	0.00E+00	2.51E-08	1.23E-08	8.84E-04	8.47E-08	3.22E-01	0.00E+00	3.09E+00	4.56E-07	3.09E+00	3.46E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.62E+01
	HMB190	2.68E-03	3.57E-01	1.20E-02	3.46E-01	0.00E+00	0.00E+00	2.98E+00	5.74E-06	1.41E-03	3.20E-03	0.00E+00	-2.36E-04	4.10E-10	1.65E-08	1.42E-02	6.79E-01	0.00E+00	0.00E+00	1.91E+00	3.49E-03	3.17E+00	0.00E+00	2.54E-08	1.29E-08	8.93E-04	1.10E-07	3.35E-01	0.00E+00	3.17E+00	4.94E-07	3.17E+00	3.50E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.93E+01
	HMB199	4.27E-03	3.60E-01	1.30E-02	3.45E-01	0.00E+00	0.00E+00	3.01E+00	5.78E-06	2.47E-03	3.21E-03	0.00E+00	-2.82E-04	4.12E-10	2.96E-08	1.42E-02	7.33E-01	0.00E+00	0.00E+00	1.90E+00	3.98E-03	3.14E+00	0.00E+00	2.54E-08	1.29E-08	9.04E-04	1.18E-07	3.35E-01	0.00E+00	3.14E+00	4.69E-07	3.14E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
	HMB280	5.46E-03	8.21E-01	3.21E-02	8.09E-01	0.00E+00	0.00E+00	6.42E+00	1.20E-05	3.01E-03	7.53E-03	0.00E+00	-2.80E-04	1.15E-09	3.51E-08	4.41E-02	1.81E+00	0.00E+00	0.00E+00	5.32E+00	3.83E-03	8.94E+00	0.00E+00	7.51E-08	3.87E-08	2.28E-03	1.79E-07	9.73E-01	0.00E+00	8.94E+00	2.69E-07	8.94E+00	1.01E+01	9.73E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+02
	HMB290	6.22E-03	8.22E-01	3.20E-02	8.09E-01	0.00E+00	0.00E+00	6.41E+00	1.20E-05	2.85E-03	7.54E-03	0.00E+00	-2.76E-04	1.15E-09	3.59E-08	4.40E-02	2.01E+00	0.00E+00	0.00E+00	5.32E+00	3.72E-03	8.92E+00	0.00E+00	7.49E-08	3.86E-08	2.28E-03	1.82E-07	9.75E-01	0.00E+00	8.92E+00	3.10E-07	8.92E+00	1.01E+01	9.75E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+02
	HMB299	6.23E-03	8.25E-01	3.22E-02	8.09E-01	0.00E+00	0.00E+00	6.41E+00	1.20E-05	2.85E-03	7.56E-03	0.00E+00	-2.77E-04	1.15E-09	3.59E-08	4.40E-02	2.01E+00	0.00E+00	0.00E+00	5.32E+00	3.69E-03	8.90E+00	0.00E+00	7.50E-08	3.86E-08	2.29E-03	1.88E-07	9.75E-01	0.00E+00	8.90E+00	2.72E-07	8.90E+00	1.01E+01	9.75E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+02
	HMB380	8.19E-03	9.29E-01	3.47E-02	8.95E-01	0.00E+00	0.00E+00	7.29E+00	1.38E-05	4.64E-03	8.56E-03	0.00E+00	-2.82E-04	1.18E-09	5.45E-08	4.31E-02	2.06E+00	0.00E+00	0.00E+00	5.65E+00	3.84E-03	9.31E+00	0.00E+00	7.30E-08	3.75E-08	2.49E-03	1.75E-07	9.99E-01	0.00E+00	9.31E+00	1.68E-06	9.31E+00	1.03E+01	9.99E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+02
	HMB480	1.09E-02	1.24E+00	4.64E-02	1.20E+00	0.00E+00	0.00E+00	9.75E+00	1.85E-05	6.19E-03	1.15E-02	0.00E+00	-3.76E-04	1.57E-09	7.27E-08	5.73E-02	2.75E+00	0.00E+00	0.00E+00	7.56E+00	5.12E-03	1.24E+01	0.00E+00	9.76E-08	5.01E-08	3.33E-03	2.34E-07	1.33E+00	0.00E+00	1.24E+01	2.24E-06	1.24E+01	1.38E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+02
	HMB490	1.09E-02	1.24E+00	4.59E-02	1.20E+00	0.00E+00	0.00E+00	9.73E+00	1.85E-05	6.16E-03	1.14E-02	0.00E+00	-3.28E-04	1.57E-09	7.23E-08	5.72E-02	2.74E+00	0.00E+00	0.00E+00	7.54E+00	4.49E-03	1.24E+01	0.00E+00	9.74E-08	5.00E-08	3.33E-03	2.18E-07	1.33E+00	0.00E+00	1.24E+01	2.25E-06	1.24E+01	1.37E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+02
	HMB499	1.08E-02	1.24E+00	4.58E-02	1.19E+00	0.00E+00	0.00E+00	9.71E+00	1.84E-05	6.12E-03	1.14E-02	0.00E+00	-3.28E-04	1.56E-09	7.19E-08	5.71E-02	2.73E+00	0.00E+00	0.00E+00	7.52E+00	4.49E-03	1.24E+01	0.00E+00	9.73E-08	4.99E-08	3.32E-03	2.18E-07	1.33E+00	0.00E+00	1.24E+01	2.25E-06	1.24E+01	1.37E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.71E+02
	HMC180	2.67E-03	3.51E-01	1.18E-02	3.36E-01	0.00E+00	0.00E+00	2.97E+00	5.79E-06	1.40E-03	3.14E-03	0.00E+00	-1.60E-04	4.01E-10	1.65E-08	1.43E-02	6.64E-01	0.00E+00	0.00E+00	1.83E+00	2.12E-03	3.10E+00	0.00E+00	2.50E-08	1.23E-08	8.81E-04	8.16E-08	3.22E-01	0.00E+00	3.10E+00	8.60E-07	3.10E+00	3.45E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.61E+01
	HMC180T	2.66E-03	3.52E-01	1.18E-02	3.36E-01	0.00E+00	0.00E+00	2.97E+00	5.73E-06	1.40E-03	3.14E-03	0.00E+00	-1.65E-04	4.01E-10	1.65E-08	1.41E-02	6.64E-01	0.00E+00	0.00E+00	1.83E+00	2.24E-03	3.10E+00	0.00E+00	2.51E-08	1.23E-08	8.80E-04	8.28E-08	3.22E-01	0.00E+00	3.10E+00	4.62E-07	3.10E+00	3.46E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.62E+01
	HMC190	2.70E-03	3.52E-01	1.20E-02	3.47E-01	0.00E+00	0.00E+00	2.76E+00	5.30E-06	1.40E-03	3.21E-03	0.00E+00	-2.41E-04	4.10E-10	1.64E-08	1.40E-02	6.79E-01	0.00E+00	0.00E+00	1.93E+00	3.49E-03	3.18E+00	0.00E+00	2.55E-08	1.29E-08	8.94E-04	1.11E-07	3.39E-01	0.00E+00	3.18E+00	4.87E-07	3.18E+00	3.51E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	6.98E+01
	HMC190T	2.69E-03	3.52E-01	1.20E-02	3.47E-01	0.00E+00	0.00E+00	2.74E+00	5.22E-06	1.40E-03	3.21E-03	0.00E+00	-2.37E-04	4.10E-10	1.64E-08	1.39E-02	6.79E-01	0.00E+00	0.00E+00	1.91E+00	3.51E-03	3.18E+00	0.00E+00	2.55E-08	1.29E-08	8.93E-04	1.10E-07	3.35E-01	0.00E+00	3.18E+00	4.88E-07	3.18E+00	3.50E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.93E+01
	HMC199	4.28E-03	3.55E-01	1.30E-02	3.46E-01	0.00E+00	0.00E+00	2.77E+00	5.25E-06	2.47E-03	3.22E-03	0.00E+00	-2.83E-04	4.12E-10	2.96E-08	1.40E-02	7.33E-01	0.00E+00	0.00E+00	1.91E+00	4.00E-03	3.14E+00	0.00E+00	2.54E-08	1.29E-08	9.04E-04	1.19E-07	3.35E-01	0.00E+00	3.14E+00	4.63E-07	3.14E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
	HMC199T	4.28E-03	3.55E-01	1.30E-02	3.46E-01	0.00E+00	0.00E+00	2.77E+00	5.25E-06	2.47E-03	3.21E-03	0.00E+00	-2.83E-04	4.12E-10	2.95E-08	1.40E-02	7.33E-01	0.00E+00	0.00E+00	1.91E+00	4.00E-03	3.14E+00	0.00E+00	2.54E-08	1.29E-08	9.04E-04	1.19E-07	3.35E-01	0.00E+00	3.14E+00	4.63E-07	3.14E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
	HMC280	5.45E-03	8.15E-01	3.21E-02	8.02E-01	0.00E+00	0.00E+00	6.44E+00	1.21E-05	3.01E-03	7.50E-03	0.00E+00	-2.80E-04	1.15E-09	3.51E-08	4.44E-02	1.82E+00	0.00E+00	0.00E+00	5.37E+00	3.83E-03	9.06E+00	0.00E+00	7.61E-08	3.92E-08	2.28E-03	1.79E-07	9.81E-01	0.00E+00	9.06E+00	2.92E-07	9.06E+00	1.03E+01	9.81E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+02
	HMC280T	5.45E-03	8.18E-01	3.21E-02	8.06E-01	0.00E+00	0.00E+00	6.47E+00	1.22E-05	3.01E-03	7.54E-03	0.00E+00	-2.80E-04	1.15E-09	3.52E-08	4.44E-02	1.82E+00	0.00E+00	0.00E+00	5.40E+00	3.85E-03	9.06E+00	0.00E+00	7.61E-08	3.92E-08	2.29E-03	1.79E-07	9.88E-01	0.00E+00	9.06E+00	2.91E-07	9.06E+00	1.03E+01	9.88E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+02
	HMC290	5.33E-03	7.82E-01	3.07E-02	7.54E-01	0.00E+00	0.00E+00	5.58E+00	1.09E-05	2.79E-03	7.27E-03	0.00E+00	-2.77E-04	9.77E-10	3.34E-08	3.89E-02	1.69E+00	0.00E+00	0.00E+00	4.46E+00	3.67E-03	8.25E+00	0.00E+00	6.42E-08	3.44E-08	2.05E-03	1.83E-07	7.82E-01	0.00E+00	8.25E+00	2.86E-07	8.25E+00	8.62E+00	7.82E-01	0.00E+00	0.00E+00	0.00E+00	1.51E+02
	HMC290T	6.22E-03	8.06E-01	3.09E-02	7.75E-01	0.00E+00	0.00E+00	6.12E+00	1.12E-05	2.85E-03	7.51E-03	0.00E+00	-2.79E-04	1.08E-09	3.59E-08	3.92E-02	1.93E+00	0.00E+00	0.00E+00	5.31E+00	3.75E-03	8.57E+00	0.00E+00	6.68E-08	3.65E-08	2.24E-03	1.82E-07	9.25E-01	0.00E+00	8.57E+00	3.24E-07	8.57E+00	9.18E+00	9.25E-01	0.00E+00	0.00E+00	0.00E+00	1.84E+02
	HMC299	6.23E-03	7.98E-01	3.11E-02	7.65E-01	0.00E+00	0.00E+00	6.07E+00	1.11E-05	2.85E-03	7.43E-03	0.00E+00	-2.84E-04	1.08E-09	3.59E-08	3.91E-02	1.93E+00	0.00E+00	0.00E+00	5.26E+00	3.78E-03	8.56E+00	0.00E+00	6.66E-08	3.63E-08	2.23E-03	1.89E-07	9.12E-01	0.00E+00	8.56E+00	2.85E-07	8.56E+00	9.11E+00	9.12E-01	0.00E+00	0.00E+00	0.00E+00	1.81E+02
	HMC299T	6.23E-03	7.98E-01	3.11E-02	7.65E-01	0.00E+00	0.00E+00	6.07E+00	1.11E-05	2.85E-03	7.43E-03	0.00E+00	-2.84E-04	1.08E-09	3.59E-08	3.91E-02	1.93E+00	0.00E+00	0.00E+00	5.26E+00	3.78E-03	8.56E+00	0.00E+00	6.66E-08	3.63E-08	2.23E-03	1.89E-07	9.12E-01	0.00E+00	8.56E+00	2.85E-07	8.56E+00	9.11E+00	9.12E-01	0.00E+00	0.00E+00	0.00E+00	1.81E+02
	HMC380	8.19E-03	9.29E-01	3.47E-02	8.94E-01	0.00E+00	0.00E+00	7.29E+00	1.38E-05	4.64E-03	8.56E-03	0.00E+00	-2.82E-04	1.18E-09	5.45E-08	4.31E-02	2.06E+00	0.00E+00	0.00E+00	5.65E+00	3.84E-03	9.30E+00	0.00E+00	7.30E-08	3.75E-08	2.49E-03	1.75E-07	9.98E-01	0.00E+00	9.30E+00	1.68E-06	9.30E+00	1.03E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+02
	HMC390	8.12E-03	9.47E-01	3.42E-02	9.12E-01	0.00E+00	0.00E+00	7.24E+00	1.35E-05	4.62E-03	8.64E-03	0.00E+00	-2.46E-04	1.16E-09	5.41E-08	4.24E-02	2.03E+00	0.00E+00	0.00E+00	5.56E+00	3.36E-03	9.08E+00	0.00E+00	7.15E-08	3.67E-08	2.49E-03	1.64E-07	9.84E-01	0.00E+00	9.08E+00	1.53E-06	9.08E+00	1.01E+01	9.84E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+02
	HMC399	8.08E-03	9.46E-01	3.41E-02	9.12E-01	0.00E+00	0.00E+00	7.23E+00	1.35E-05	4.60E-03	8.63E-03	0.00E+00	-2.46E-04	1.16E-09	5.38E-08	4.24E-02	2.03E+00	0.00E+00	0.00E+00	5.55E+00	3.36E-03	9.06E+00	0.00E+00	7.14E-08	3.66E-08	2.49E-03	1.63E-07	9.82E-01	0.00E+00	9.06E+00	1.53E-06	9.06E+00	1.00E+01	9.82E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+02

HMC480	1.09E-02	1.24E+00	4.64E-02	1.20E+00	0.00E+00	0.00E+00	9.75E+00	1.85E-05	6.19E-03	1.15E-02	0.00E+00	-3.76E-04	1.57E-09	7.27E-08	5.73E-02	2.75E+00	0.00E+00	0.00E+00	7.56E+00	5.12E-03	1.24E+01	0.00E+00	9.76E-08	5.01E-08	3.33E-03	2.34E-07	1.33E+00	0.00E+00	1.24E+01	2.24E-06	1.24E+01	1.38E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+02
HMC490	1.08E-02	1.27E+00	4.57E-02	1.22E+00	0.00E+00	0.00E+00	9.68E+00	1.81E-05	6.17E-03	1.16E-02	0.00E+00	-3.28E-04	1.55E-09	7.22E-08	5.64E-02	2.71E+00	0.00E+00	0.00E+00	7.43E+00	4.49E-03	1.21E+01	0.00E+00	9.56E-08	4.91E-08	3.33E-03	2.18E-07	1.32E+00	0.00E+00	1.21E+01	2.05E-06	1.21E+01	1.34E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+02
HMC499	1.08E-02	1.27E+00	4.56E-02	1.22E+00	0.00E+00	0.00E+00	9.66E+00	1.81E-05	6.13E-03	1.15E-02	0.00E+00	-3.28E-04	1.55E-09	7.18E-08	5.63E-02	2.70E+00	0.00E+00	0.00E+00	7.42E+00	4.49E-03	1.21E+01	0.00E+00	9.54E-08	4.90E-08	3.33E-03	2.18E-07	1.31E+00	0.00E+00	1.21E+01	2.05E-06	1.21E+01	1.34E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.67E+02
HMD180	2.67E-03	3.51E-01	1.18E-02	3.36E-01	0.00E+00	0.00E+00	2.96E+00	5.71E-06	1.40E-03	3.13E-03	0.00E+00	-1.66E-04	4.01E-10	1.65E-08	1.41E-02	6.64E-01	0.00E+00	0.00E+00	1.83E+00	2.27E-03	3.09E+00	0.00E+00	2.50E-08	1.23E-08	8.80E-04	8.29E-08	3.21E-01	0.00E+00	3.09E+00	4.56E-07	3.09E+00	3.45E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.61E+01
HMD180T	2.66E-03	3.52E-01	1.18E-02	3.36E-01	0.00E+00	0.00E+00	2.96E+00	5.72E-06	1.40E-03	3.14E-03	0.00E+00	-1.65E-04	4.01E-10	1.65E-08	1.41E-02	6.64E-01	0.00E+00	0.00E+00	1.83E+00	2.24E-03	3.10E+00	0.00E+00	2.51E-08	1.23E-08	8.80E-04	8.28E-08	3.22E-01	0.00E+00	3.10E+00	4.61E-07	3.10E+00	3.46E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.62E+01
HMD190	2.68E-03	3.53E-01	1.20E-02	3.40E-01	0.00E+00	0.00E+00	2.97E+00	5.75E-06	1.41E-03	3.17E-03	0.00E+00	-2.38E-04	4.10E-10	1.65E-08	1.42E-02	6.79E-01	0.00E+00	0.00E+00	1.91E+00	3.53E-03	3.17E+00	0.00E+00	2.53E-08	1.29E-08	8.87E-04	1.09E-07	3.35E-01	0.00E+00	3.17E+00	4.91E-07	3.17E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
HMD190T	2.68E-03	3.54E-01	1.20E-02	3.40E-01	0.00E+00	0.00E+00	2.98E+00	5.75E-06	1.41E-03	3.18E-03	0.00E+00	-2.36E-04	4.10E-10	1.65E-08	1.42E-02	6.79E-01	0.00E+00	0.00E+00	1.91E+00	3.49E-03	3.18E+00	0.00E+00	2.54E-08	1.29E-08	8.87E-04	1.09E-07	3.35E-01	0.00E+00	3.18E+00	4.91E-07	3.18E+00	3.50E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.93E+01
HMD199	4.27E-03	3.59E-01	1.35E-02	3.41E-01	0.00E+00	0.00E+00	3.04E+00	5.89E-06	2.47E-03	3.20E-03	0.00E+00	-2.88E-04	4.11E-10	2.96E-08	1.43E-02	7.44E-01	0.00E+00	0.00E+00	1.97E+00	3.92E-03	3.14E+00	0.00E+00	2.54E-08	1.29E-08	9.02E-04	1.18E-07	3.45E-01	0.00E+00	3.14E+00	4.67E-07	3.14E+00	3.49E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	7.17E+01
HMD199T	4.27E-03	3.56E-01	1.30E-02	3.39E-01	0.00E+00	0.00E+00	3.02E+00	5.79E-06	2.47E-03	3.20E-03	0.00E+00	-2.82E-04	4.12E-10	2.96E-08	1.42E-02	7.33E-01	0.00E+00	0.00E+00	1.91E+00	3.97E-03	3.14E+00	0.00E+00	2.54E-08	1.29E-08	9.02E-04	1.18E-07	3.35E-01	0.00E+00	3.14E+00	4.69E-07	3.14E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
HMD280	5.45E-03	8.21E-01	3.21E-02	8.08E-01	0.00E+00	0.00E+00	6.46E+00	1.21E-05	3.01E-03	7.55E-03	0.00E+00	-2.81E-04	1.15E-09	3.52E-08	4.43E-02	1.81E+00	0.00E+00	0.00E+00	5.38E+00	3.85E-03	9.01E+00	0.00E+00	7.57E-08	3.91E-08	2.29E-03	1.79E-07	9.85E-01	0.00E+00	9.01E+00	2.89E-07	9.01E+00	1.02E+01	9.85E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+02
HMD280T	5.45E-03	8.21E-01	3.21E-02	8.08E-01	0.00E+00	0.00E+00	6.46E+00	1.21E-05	3.01E-03	7.55E-03	0.00E+00	-2.80E-04	1.15E-09	3.51E-08	4.43E-02	1.81E+00	0.00E+00	0.00E+00	5.38E+00	3.83E-03	9.01E+00	0.00E+00	7.57E-08	3.91E-08	2.29E-03	1.79E-07	9.85E-01	0.00E+00	9.01E+00	2.89E-07	9.01E+00	1.02E+01	9.85E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+02
HMD290	5.58E-03	8.17E-01	3.20E-02	8.01E-01	0.00E+00	0.00E+00	6.42E+00	1.21E-05	2.81E-03	7.51E-03	0.00E+00	-2.76E-04	1.15E-09	3.43E-08	4.41E-02	1.98E+00	0.00E+00	0.00E+00	5.30E+00	3.69E-03	8.97E+00	0.00E+00	7.52E-08	3.88E-08	2.28E-03	1.82E-07	9.78E-01	0.00E+00	8.97E+00	2.93E-07	8.97E+00	1.02E+01	9.78E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+02
HMD290T	6.22E-03	9.44E-01	3.13E-02	9.46E-01	0.00E+00	0.00E+00	6.52E+00	1.22E-05	2.85E-03	8.61E-03	0.00E+00	-2.76E-04	1.15E-09	3.59E-08	4.42E-02	2.01E+00	0.00E+00	0.00E+00	5.43E+00	3.71E-03	8.99E+00	0.00E+00	7.58E-08	3.90E-08	2.49E-03	1.81E-07	9.97E-01	0.00E+00	8.99E+00	1.12E-06	8.99E+00	1.03E+01	9.97E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+02
HMD299	6.23E-03	9.47E-01	3.22E-02	9.47E-01	0.00E+00	0.00E+00	6.52E+00	1.22E-05	2.85E-03	8.62E-03	0.00E+00	-2.77E-04	1.15E-09	3.59E-08	4.42E-02	2.02E+00	0.00E+00	0.00E+00	5.42E+00	3.72E-03	8.98E+00	0.00E+00	7.59E-08	3.90E-08	2.49E-03	1.88E-07	9.97E-01	0.00E+00	8.98E+00	2.92E-07	8.98E+00	1.03E+01	9.97E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+02
HMD299T	6.23E-03	8.32E-01	3.22E-02	8.19E-01	0.00E+00	0.00E+00	6.51E+00	1.22E-05	2.85E-03	7.68E-03	0.00E+00	-2.79E-04	1.15E-09	3.59E-08	4.42E-02	2.02E+00	0.00E+00	0.00E+00	5.41E+00	3.77E-03	8.97E+00	0.00E+00	7.55E-08	3.90E-08	2.32E-03	1.88E-07	9.94E-01	0.00E+00	8.97E+00	3.15E-07	8.97E+00	1.03E+01	9.94E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+02
HMD380T	8.19E-03	9.29E-01	3.47E-02	8.94E-01	0.00E+00	0.00E+00	7.29E+00	1.38E-05	4.64E-03	8.56E-03	0.00E+00	-2.82E-04	1.18E-09	5.45E-08	4.31E-02	2.06E+00	0.00E+00	0.00E+00	5.65E+00	3.84E-03	9.30E+00	0.00E+00	7.30E-08	3.75E-08	2.49E-03	1.75E-07	9.98E-01	0.00E+00	9.30E+00	1.68E-06	9.30E+00	1.03E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+02
HMD390T	8.15E-03	9.28E-01	3.43E-02	8.93E-01	0.00E+00	0.00E+00	7.28E+00	1.38E-05	4.62E-03	8.55E-03	0.00E+00	-2.46E-04	1.17E-09	5.42E-08	4.30E-02	2.05E+00	0.00E+00	0.00E+00	5.64E+00	3.36E-03	9.29E+00	0.00E+00	7.29E-08	3.74E-08	2.49E-03	1.64E-07	9.96E-01	0.00E+00	9.29E+00	1.68E-06	9.29E+00	1.03E+01	9.96E-01	0.00E+00	0.00E+00	0.00E+00	2.03E+02
HMD399T	8.12E-03	9.27E-01	3.43E-02	8.92E-01	0.00E+00	0.00E+00	7.26E+00	1.38E-05	4.59E-03	8.54E-03	0.00E+00	-2.46E-04	1.17E-09	5.39E-08	4.29E-02	2.05E+00	0.00E+00	0.00E+00	5.63E+00	3.36E-03	9.27E+00	0.00E+00	7.28E-08	3.73E-08	2.48E-03	1.63E-07	9.94E-01	0.00E+00	9.27E+00	1.68E-06	9.27E+00	1.03E+01	9.94E-01	0.00E+00	0.00E+00	0.00E+00	2.03E+02
HMF180	2.67E-03	3.51E-01	1.18E-02	3.36E-01	0.00E+00	0.00E+00	2.96E+00	5.72E-06	1.40E-03	3.13E-03	0.00E+00	-1.66E-04	4.01E-10	1.65E-08	1.41E-02	6.64E-01	0.00E+00	0.00E+00	1.83E+00	2.27E-03	3.09E+00	0.00E+00	2.50E-08	1.23E-08	8.80E-04	8.29E-08	3.21E-01	0.00E+00	3.09E+00	4.57E-07	3.09E+00	3.45E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.61E+01
HMF180T	2.74E-03	3.12E-01	1.17E-02	3.01E-01	0.00E+00	0.00E+00	2.46E+00	4.67E-06	1.55E-03	2.88E-03	0.00E+00	-9.40E-05	3.95E-10	1.82E-08	1.46E-02	6.95E-01	0.00E+00	0.00E+00	1.91E+00	1.28E-03	3.14E+00	0.00E+00	2.46E-08	1.26E-08	8.38E-04	5.87E-08	3.37E-01	0.00E+00	3.14E+00	5.67E-07	3.14E+00	3.48E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+01
HMF190	2.69E-03	3.52E-01	1.20E-02	3.47E-01	0.00E+00	0.00E+00	2.74E+00	5.22E-06	1.41E-03	3.21E-03	0.00E+00	-2.37E-04	4.10E-10	1.64E-08	1.39E-02	6.79E-01	0.00E+00	0.00E+00	1.91E+00	3.51E-03	3.18E+00	0.00E+00	2.55E-08	1.29E-08	8.93E-04	1.10E-07	3.35E-01	0.00E+00	3.18E+00	4.88E-07	3.18E+00	3.50E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.93E+01
HMF190T	2.72E-03	3.22E-01	1.38E-02	3.09E-01	0.00E+00	0.00E+00	2.45E+00	4.58E-06	1.54E-03	2.92E-03	0.00E+00	-3.63E-04	3.91E-10	1.81E-08	1.44E-02	6.87E-01	0.00E+00	0.00E+00	1.88E+00	4.83E-03	3.07E+00	0.00E+00	2.41E-08	1.24E-08	8.41E-04	1.45E-07	3.32E-01	0.00E+00	3.07E+00	4.87E-07	3.07E+00	3.40E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
HMF199	4.28E-03	3.55E-01	1.30E-02	3.45E-01	0.00E+00	0.00E+00	2.77E+00	5.25E-06	2.46E-03	3.20E-03	0.00E+00	-2.85E-04	4.12E-10	2.95E-08	1.39E-02	7.32E-01	0.00E+00	0.00E+00	1.91E+00	4.03E-03	3.13E+00	0.00E+00	2.53E-08	1.29E-08	9.04E-04	1.19E-07	3.34E-01	0.00E+00	3.13E+00	4.59E-07	3.13E+00	3.48E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
HMF199T	4.28E-03	3.55E-01	1.30E-02	3.46E-01	0.00E+00	0.00E+00	2.77E+00	5.25E-06	2.47E-03	3.21E-03	0.00E+00	-2.83E-04	4.12E-10	2.95E-08	1.40E-02	7.33E-01	0.00E+00	0.00E+00	1.91E+00	4.00E-03	3.14E+00	0.00E+00	2.54E-08	1.29E-08	9.04E-04	1.19E-07	3.35E-01	0.00E+00	3.14E+00	4.63E-07	3.14E+00	3.49E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.92E+01
HMF280	5.45E-03	8.18E-01	3.21E-02	8.06E-01	0.00E+00	0.00E+00	6.47E+00	1.22E-05	3.01E-03	7.54E-03	0.00E+00	-2.81E-04	1.15E-09	3.52E-08	4.44E-02	1.82E+00	0.00E+00	0.00E+00	5.40E+00	3.85E-03	9.06E+00	0.00E+00	7.61E-08	3.92E-08	2.29E-03	1.79E-07	9.88E-01	0.00E+00	9.06E+00	2.91E-07	9.06E+00	1.03E+01	9.88E-01	0.00E+00	0.00E+00	0.00E+00	2.09E+02
HMF280T	5.47E-03	6.22E-01	2.32E-02	5.98E-01	0.00E+00	0.00E+00	4.87E+00	9.25E-06	3.10E-03	5.73E-03	0.00E+00	-1.88E-04	7.86E-10	3.63E-08	2.86E-02	1.37E+00	0.00E+00	0.00E+00	3.78E+00	2.56E-03	6.21E+00	0.00E+00	4.88E-08	2.50E-08	1.67E-03	1.17E-07	6.67E-01	0.00E+00	6.21E+00	1.12E-06	6.21E+00	6.88E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
HMF290	6.22E-03	7.95E-01	3.09E-02	7.63E-01	0.00E+00	0.00E+00	6.07E+00	1.11E-05	2.85E-03	7.40E-03	0.00E+00	-2.76E-04	1.07E-09	3.59E-08	3.92E-02	1.93E+00	0.00E+00	0.00E+00	5.26E+00	3.71E-03	8.56E+00	0.00E+00	6.65E-08	3.63E-08	2.22E-03	1.82E-07	9.12E-01	0.00E+00	8.56E+00	3.06E-07	8.56E+00	9.11E+00	9.12E-01	0.00E+00	0.00E+00	0.00E+00	1.81E+02
HMF290T	6.22E-03	9.21E-01	3.02E-02	9.09E-01	0.00E+00	0.00E+00	6.13E+00	1.13E-05	2.85E-03	8.49E-03	0.00E+00	-2.76E-04	1.08E-09	3.59E-08	3.92E-02	1.93E+00	0.00E+00	0.00E+00	5.32E+00	3.70E-03	8.57E+00	0.00E+00	6.70E-08	3.66E-08	2.40E-03	1.81E-07	9.27E-01	0.00E+00	8.57E+00	1.08E-06	8.57E+00	9.20E+00	9.27E-01	0.00E+00	0.00E+00	0.00E+00	1.85E+02
HMF299	6.23E-03	9.29E-01	3.04E-02	9.13E-01	0.00E+00	0.00E+00	6.13E+00	1.13E-05	2.85E-03	8.53E-03	0.00E+00	-2.82E-04	1.08E-09	3.59E-08	3.91E-02	1.93E+00	0.00E+00	0.00E+00	5.32E+00	3.73E-03	8.57E+00	0.00E+00	6.72E-08	3.66E-08	2.42E-03	1.88E-07	9.28E-01	0.00E+00	8.57E+00	1.06E-06	8.57E+00	9.20E+00	9.28E-01	0.00E+00	0.00E+00	0.00E+00	1.85E+02
HMF299T	6.23E-03	7.98E-01	3.11E-02	7.65E-01	0.00E+00	0.00E+00	6.07E+00	1.11E-05	2.85E-03	7.43E-03	0.00E+00	-2.82E-04	1.08E-09	3.59E-08	3.91E-02	1.93E+00	0.00E+00	0.00E+00	5.26E+00	3.74E-03	8.56E+00	0.00E+00	6.66E-08	3.63E-08	2.23E-03	1.89E-07	9.12E-01	0.00E+00	8.56E+00	2.85E-07	8.56E+00	9.11E+00	9.12E-01	0.00E+00	0.00E+00	0.00E+00	1.81E+02
HMF380	8.19E-03	9.29E-01	3.47E-02	8.94E-01	0.00E+00	0.00E+00	7.29E+00	1.38E-05	4.64E-03	8.56E-03	0.00E+00	-2.82E-04	1.18E-09	5.45E-08	4.31E-02	2.06E+00	0.00E+00	0.00E+00	5.65E+00	3.84E-03	9.30E+00	0.00E+00	7.30E-08	3.75E-08	2.49E-03	1.75E-07	9.98E-01	0.00E+00	9.30E+00	1.68E-06	9.30E+00	1.03E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+02
HMF380T	8.19E-03	9.29E-01	3.47E-02	8.94E-01	0.00E+00	0.00E+00	7.29E+00	1.38E-05	4.64E-03	8.56E-03	0.00E+00	-2.82E-04	1.18E-09	5.45E-08	4.31E-02	2.06E+00	0.00E+00	0.00E+00	5.65E+00	3.84E-03	9.30E+00	0.00E+00	7.30E-08	3.75E-08	2.49E-03	1.75E-07	9.98E-01	0.00E+00	9.30E+00	1.68E-06	9.30E+00	1.03E+01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+02
HMF390	8.12E-03	9.47E-01	3.42E-02	9.12E-01	0.00E+00	0.00E+00	7.24E+00	1.35E-05	4.62E-03	8.64E-03	0.00E+00	-2.46E-04	1.16E-09	5.41E-08	4.24E-02	2.03E+00	0.00E+00	0.00E+00	5.56E+00	3.36E-03	9.08E+00	0.00E+00	7.15E-08	3.67E-08	2.49E-03	1.64E-07	9.84E-01	0.00E+00	9.08E+00	1.53E-06	9.08E+00	1.01E+01	9.84E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+02
HMF399T	8.08E-03	9.49E-01	3.64E-02	9.13E-01	0.00E+00	0.00E+00	7.23E+00	1.35E-05	4.60E-03	8.64E-03	0.00E+00	-5.27E-04	1.16E-09	5.38E-08	4.24E-02	2.03E+00	0.00E+00	0.00E+00	5.55E+00	7.07E-03	9.06E+00	0.00E+00	7.14E-08	3.66E-08	2.49E-03	2.53E-07	9.82E-01	0.00E+00	9.06E+00	1.50E-06	9.06E+00	1.00E+01	9.82E-01	0.00E+00	0.00E+00	0.00E+00	2.00E+02
HMF480	1.09E-02	1.24E+00	4.64E-02	1.20E+00	0.00E+00	0.00E+00	9.75E+00	1.85E-05	6.19E-03	1.15E-02	0.00E+00	-3.76E-04	1.57E-09	7.27E-08	5.73E-02	2.75E+00	0.00E+00	0.00E+00	7.56E+00	5.12E-03	1.24E+01	0.00E+00	9.76E-08	5.01E-08	3.33E-03	2.34E-07	1.33E+00	0.00E+00	1.24E+01	2.24E-06	1.24E+01	1.38E+01	1.33E+00	0.00E+00	0.00E+00	0.00E+00	2.73E+02
HMF490	1.08E-02	1.27E+00	4.57E-02	1.22E+00	0.00E+00	0.00E+00	9.68E+00	1.81E-05	6.17E-03	1.16E-02	0.00E+00	-3.28E-04	1.55E-09	7.22E-08	5.64E-02	2.71E+00	0.00E+00	0.00E+00	7.43E+00	4.49E-03	1.21E+01	0.00E+00	9.56E-08	4.91E-08	3.33E-03	2.18E-07	1.32E+00	0.00E+00	1.21E+01	2.05E-06	1.21E+01	1.34E+01	1.32E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+02
HMF499	1.08E-02	1.27E+00	4.56E-02	1.22E+00	0.00E+00	0.00E+00	9.66E+00	1.81E-05	6.13E-03	1.15E-02	0.00E+00	-3.28E-04	1.55E-09	7.18E-08	5.63E-02	2.70E+00	0.00E+00	0.00E+00	7.42E+00	4.49E-03	1.21E+01	0.00E+00	9.54E-08	4.90E-08	3.33E-03	2.18E-07	1.31E+00	0.00E+00	1.21E+01	2.05E-06	1.21E+01	1.34E+01	1.31E+00	0.00E+00	0.00E+00	0.00E+00	2.67E+02
HMX110	2.05E-03	2.83E-01	9.28E-03	2.73E-01	0.00E+00	0.00E+00	1.76E+00	3.29E-06	1.12E-03	2.53E-03	0.00E+00	-1.50E-04	2.97E-10	1.28E-08	1.12E-02	5.22E-01	0.00E+00	0.00E+00	1.38E+00	2.02E-03	2.41E+00	0.00E+00	1.93E-08	9.88E-09	7.07E-04	7.14E-08	2.47E-01	0.00E+00	2.41E+00	4.37E-07	2.41E+00	2.66E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
HMX116	1.62E-03	3.29E-01	8.27E-03	3.15E-01	0.00E+00	0.00E+00	2.58E+00	5.86E-06	1.13E-03	2.75E-03	0.00E+00	-2.31E-04	3.20E-10	1.27E-08	1.24E-02	4.45E-01	0.00E+00	0.00E+00	1.35E+00	3.23E-03	2.56E+00	0.00E+00	1.95E-08	9.42E-09	6.58E-04	9.06E-08	2.35E-01	0.00E+00	2.56E+00	4.92E-07	2.56E+00	2.78E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.90E+01
HMX120	1.20E-03	3.31E-01	8.35E-03	3.19E-01	0.00E+00	0.00E+00	2.58E+00	5.83E-06	4.94E-04	2.75E-03	0.00E+00	-2.32E-04	3.17E-10	6.28E-09	1.24E-02	4.29E-01	0.00E+00	0.00E+00	1.34E+00	3.27E-03	2.58E+00	0.00E+00	1.95E-08	9.37E-09	6.55E-04	9.16E-08	2.34E-01	0.00E+00	2.58E+00	4.89E-07	2.58E+00	2.79E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
HMX125	1.24E-03	3.39E-01	1.20E-02	3.26E-01	0.00E+00	0.00E+00	2.67E+00	5.93E-06	5.01E-04	2.91E-03	0.00E+00	-2.41E-04	3.69E-10	6.48E-09	1.27E-02	5.74E-01	0.00E+00	0.00E+00	1.48E+00	3.51E-03	2.64E+00	0.00E+00	2.01E-08	9.85E-09	7.79E-04	1.06E-07	2.64E-01	0.00E+00	2.64E+00	1.07E-06	2.64E+00	2.85E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	5.51E+01
HMX132	1.22E-03	3.34E-01	1.03E-02	3.21E-01	0.00E+00	0.00E+00	2.66E+00	5.86E-06	5.04E-04	2.83E-03	0.00E+00	-2.34E-04	3.60E-10	6.44E-09	1.25E-02	5.43E-01	0.00E+00	0.00E+00	1.46E+00	3.30E-03	2.61E+00	0.00E+00	2.01E-08	9.72E-09	7.52E-04	9.11E-08	2.58E-01	0.00E+00	2.61E+00	4.91E-07	2.61E+00	2.84E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	5.37E+01
HMX150	1.65E-03	3.36E-01	1.18E-02	3.26E-01	0.00E+00	0.00E+00	2.64E+00	5.85E-06	1.11E-03	2.83E-03	0.00E+00	-2.30E-04	3.66E-10	1.27E-08	1.25E-02	5.66E-01	0.00E+00	0.00E+00	1.46E+00	3.12E-03	2.60E+00	0.00E+00	2.01E-08	9.73E-09	7.67E-04	9.61E-08	2.57E-01	0.00E+00	2.60E+00	4.93E-07	2.60E+00	2.83E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.45E+01
HMX163	1.70E-03	3.35E-01	1.17E-02	3.26E-01	0.00E+00	0.00E+00	2.71E+00	5.97E-06	1.26E-03	2.84E-03	0.00E+00	-2.23E-04	3.66E-10	1.40E-08	1.28E-02	5.75E-01	0.00E+00	0.00E+00	1.51E+00	3.09E-03	2.67E+00	0.00E+00	2.05E-08	1.01E-08	7.72E-04	9.23E-08	2.67E-01	0.00E+00	2.67E+00	1.07E-06	2.67E+00	2.89E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	5.61E+01
HMX216	2.99E-03	7.14E-01	2.60E-02	7.09E-01	0.00E+00	0.00E+00	4.84E+00	8.84E-06	1.43E-03	5.83E-03	0.00E+00	-2.81E-04	9.59E-10	1.69E-08	3.68E-02	1.22E+00	0.00E+00	0.00E+00	3.00E+00	4.00E-03	7.15E+00	0.00E+00	5.70E-08	3.35E-08	1.92E-03	1.53E-07	6.96E-01	0.00E+00	7.15E+00	2.98E-07	7.15E+00	8.87E+00	6.96E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
HMX220	2.93E-03	7.26E-01	2.51E-02	7.20E-01	0.00E+00	0.00E+00	4.95E+00	9.06E-06	1.32E-03	5.89E-03	0.00E+00	-2.86E-04	9.62E-10	1.61E-08	3.70E-02	1.22E+00	0.00E+00	0.00E+00	3.02E+00	4.05E-03	7.23E+00	0.00E+00	5.75E-08	3.33E-08	1.92E-03	1.55E-07	6.98E-01	0.00E+00	7.23E+00	1.12E-06	7.23E+00	8.89E+00	6.98E-01	0.00E+00	0.00E+00	0.00E+00	1.45E+02
HMX225	2.86E-03	7.17E-01	2.60E-02	7.12E-01	0.00E+00	0.00E+00	4.89E+00	8.79E-06	5.27E-04	5.82E-03	0.00E+00	-2.98E-04	9.52E-10	8.14E-09	3.68E-02	1.22E+00	0.00E+00	0.00E+00	2.99E+00	4.28E-03	7.07E+00	0.00E+00	5.65E-08	3.33E-08	1.92E-03	1.58E-07	6.94E-01	0.00E+00	7.07E+00	2.96E-07	7.07E+00	8.77E+00	6.94E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
HMX232	2.93E-03	7.19E-01	2.60E-02	7.15E-01	0.00E+00	0.00E+00	4.90E+00	8.83E-06	1.40E-03	5.85E-03	0.00E+00	-2.93E-04	9.55E-10	1.68E-08	3.68E-02	1.22E+00	0.00E+00	0.00E+00	3.00E+00	4.18E-03	7.08E+00	0.00E+00	5.65E-08	3.33E-08	1.92E-03	1.57E-07	6.93E-01	0.00E+00	7.08E+00	2.95E-07	7.08E+00	8.76E+00	6.93E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
HMX240	2.99E-03	7.17E-01	2.60E-02	7.13E-01	0.00E+00	0.00E+00	4.89E+00	8.81E-06	1.43E-03	5.82E-03	0.00E+00	-2.73E-04	9.52E-10	1.68E-08	3.68E-02	1.22E+00	0.00E+00	0.00E+00	3.01E+00	3.84E-03	7.07E+00	0.00E+00	5.64E-08	3.33E-08	1.92E-03	1.49E-07	6.95E-01	0.00E+00	7.07E+00	2.99E-07	7.07E+00	8.74E+00	6.95E-01	0.00E+00	0.00E+00	0.00E+00	1.44E+02
HMX250	2.93E-03	7.18E-01	2.50E-02	7.17E-01	0.00E+00	0.00E+00	4.90E+00	8.90E-06	1.38E-03	5.81E-03	0.00E+00	-2.92E-04	9.30E-10	1.67E-08	3.70E-02	1.17E+00	0.00E+00	0.00E+00	2.93E+00	4.00E-03	7.21E+00	0.00E+00	5.72E-08	3.31E-08	1.85E-03	1.55E-07	6.82E-01	0.00E+00	7.21E+00	3.01E-07	7.21E+00	8.83E+00	6.82E-01	0.00E+00	0.00E+00	0.00E+00	1.42E+02
HMX263	3.43E-03	7.17E-01	2.65E-02	7.15E-01	0.00E+00	0.00E+00	4.89E+00	8.78E-06	1.75E-03	5.85E-03	0.00E+00	-3.01E-04	9.35E-10	2.06E-08	3.69E-02	1.23E+00	0.00E+00	0.00E+00	3.10E+00	4.01E-03	7.11E+00	0.00E+00	5.67E-08	3.33E-08	1.86E-03	1.57E-07	7.01E-01	0.00E+00	7.11E+00	2.81E-07	7.11E+00	8.77E+00	7.01E-01	0.00E+00	0.00E+00	0.00E+00	1.47E+02
HMX310	3.86E-03	8.88E-01	3.11E-02	8.69E-01	0.00E+00	0.00E+00	5.86E+00	1.01E-05	1.45E-03	7.72E-03	0.00E+00	-3.02E-04	1.07E-09	1.91E-08	3.65E-02	1.68E+00	0.00E+00	0.00E+00	4.69E+00	4.25E-03	7.68E+00	0.00E+00	6.17E-08	3.41E-08	2.33E-03	1.73E-07	8.79E-01	0.00E+00	7.68E+00	1.18E-06	7.68E+00	8.93E+00	8.79E-01	0.00E+00	0.00E+00	0.00E+00	1.84E+02
HMX316	4.74E-03	9.37E-01	3.30E-02	9.07E-01	0.00E+00	0.00E+00	6.02E+00	1.06E-05	2.35E-03	8.14E-03	0.00E+00	-3.36E-04	1.12E-09	2.72E-08	3.75E-02	1.76E+00	0.00E+00	0.00E+00	4.85E+00	4.49E-03	7.93E+00	0.00E+00	6.36E-08	3.59E-08	2.39E-03	1.81E-07	9.27E-01	0.00E+00	7.93E+00	1.30E-06	7.93E+00	9.32E+00	9.27E-01	0.00E+00	0.00E+00	0.00E+00	1.96E+02
HMX320	3.82E-03	8.87E-01	3.12E-02	8.70E-01	0.00E+00	0.00E+00	5.87E+00	1.01E-05	1.43E-03	7.72E-03	0.00E+00	-3.07E-04	1.07E-09	1.82E-08	3.65E-02	1.67E+00	0.00E+00	0.00E+00	4.69E+00	4.26E-03	7.68E+00	0.00E+00	6.17E-08	3.40E-08	2.33E-03	1.71E-07	8.79E-01	0.00E+00	7.68E+00	1.18E-06	7.68E+00	8.92E+00	8.79E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+02
HMX325	4.10E-03	8.87E-01	3.13E-02	8.70E-01	0.00E+00	0.00E+00	5.87E+00	1.01E-05	1.96E-03	7.72E-03	0.00E+00	-3.35E-04	1.07E-09	2.28E-08	3.65E-02	1.67E+00	0.00E+00	0.00E+00	4.69E+00	4.66E-03	7.68E+00	0.00E+00	6.17E-08	3.40E-08	2.33E-03	1.78E-07	8.78E-01	0.00E+00	7.68E+00	1.22E-06	7.68E+00	8.92E+00	8.78E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+02
HMX332	4.47E-03	8.87E-01	3.13E-02	8.70E-01	0.00E+00	0.00E+00	5.87E+00	1.01E-05	2.08E-03	7.72E-03	0.00E+00	-3.37E-04	1.07E-09	2.43E-08	3.65E-02	1.68E+00	0.00E+00	0.00E+00	4.69E+00	4.66E-03	7.68E+00	0.00E+00	6.16E-08	3.40E-08	2.33E-03	1.80E-07	8.78E-01	0.00E+00	7.68E+00	1.22E-06	7.68E+00	8.91E+00	8.78E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+02
HMX340	4.73E-03	8.87E-01	3.13E-02	8.70E-01	0.00E+00	0.00E+00	5.87E+00	1.01E-05	2.34E-03	7.72E-03	0.00E+00	-3.24E-04	1.07E-09	2.68E-08	3.65E-02	1.69E+00	0.00E+00	0.00E+00	4.69E+00	4.31E-03	7.68E+00	0.00E+00	6.16E-08	3.40E-08	2.33E-03	1.70E-07	8.78E-01	0.00E+00	7.68E+00	1.18E-06	7.68E+00	8.91E+00	8.78E-01	0.00E+00	0.00E+00	0.00E+00	1.83E+02
HMX350	4.71E-03	8.85E-01	3.13E-02	8.71E-01	0.00E+00	0.00E+00	5.84E+00	1.00E-05	2.23E-03	7.70E-03	0.00E+00	-3.25E-04	1.06E-09	2.64E-08	3.62E-02	1.67E+00	0.00E+00	0.00E+00	4.68E+00	4.38E-03	7.65E+00	0.00E+00	6.12E-08	3.39E-08	2.33E-03	1.68E-07	8.75E-01	0.00E+00	7.65E+00	1.19E-06	7.65E+00	8.90E+00	8.75E-01	0.00E+00	0.00E+00	0.00E+00	1.85E+02
HMX363	7.87E-03	8.85E-01	3.19E-02	8.71E-01	0.00E+00	0.00E+00	5.82E+00	9.84E-06	4.53E-03	7.71E-03	0.00E+00	-3.28E-04	1.06E-09	5.23E-08	3.62E-02	1.82E+00	0.00E+00	0.00E+00	4.68E+00	4.40E-03	7.65E+00	0.00E+00	6.13E-08	3.39E-08	2.33E-03	1.70E-07	8.76E-01	0.00E+00	7.65E+00	3.03E-07	7.65E+00	8.88E+00	8.76E-01	0.00E+00	0.00E+00	0.00E+00	1.85E+02
MA100Z	9.71E-04	1.99E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	9.88E-01	1.86E-06	4.53E-04	1.71E-03	0.00E+00	-1.58E-04	1.92E-10	5.29E-09	6.47E-03	2.84E-01	0.00E+00	0.00E+00	7.91E-01	1.95E-03	1.43E+00	0.00E+00	1.15E-08	5.78E-09	4.44E-04	5.84E-08	1.39E-01	0.00E+00	1.43E+00	2.49E-07	1.43E+00	1.56E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
MA101Z	9.86E-04	2.00E-01	6.04E-03	1.93E-01	0.00E+00	0.00E+00	9.91E-01	1.86E-06	4.65E-04	1.71E-03	0.00E+00	-1.68E-04	1.92E-10	5.34E-09	6.51E-03	2.84E-01	0.00E+00	0.00E+00	7.93E-01	2.09E-03	1.43E+00	0.00E+00	1.16E-08	5.80E-09	4.45E-04	6.52E-08	1.40E-01	0.00E+00	1.43E+00	2.57E-07	1.43E+00	1.57E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MA102Z	9.75E-04	2.00E-01	6.01E-03	1.93E-01	0.00E+00	0.00E+00	9.89E-01	1.86E-06	4.46E-04	1.69E-03	0.00E+00	-1.55E-04	1.92E-10	5.20E-09	6.50E-03	2.84E-01	0.00E+00	0.00E+00	7.96E-01	1.95E-03	1.43E+00	0.00E+00	1.16E-08	5.78E-09	4.42E-04	5.88E-08	1.40E-01	0.00E+00	1.43E+00	2.46E-07	1.43E+00	1.56E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
MA103Z	9.53E-04	2.00E-01	6.02E-03	1.93E-01	0.00E+00	0.00E+00	9.88E-01	1.86E-06	4.43E-04	1.69E-03	0.00E+00	-1.53E-04	1.92E-10	5.18E-09	6.48E-03	2.83E-01	0.00E+00	0.00E+00	7.93E-01	1.88E-03	1.42E+00	0.00E+00	1.15E-08	5.72E-09	4.40E-04	5.81E-08	1.40E-01	0.00E+00	1.42E+00	2.44E-07	1.42E+00	1.55E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
MA104Z	9.54E-04	1.82E-01	5.60E-03	1.77E-01	0.00E+00	0.00E+00	9.52E-01	1.75E-06	4.43E-04	1.60E-03	0.00E+00	-1.50E-04	1.82E-10	5.16E-09	6.06E-03	2.77E-01	0.00E+00	0.00E+00	7.66E-01	1.85E-03	1.35E+00	0.00E+00	1.10E-08	5.65E-09	4.36E-04	5.71E-08	1.36E-01	0.00E+00	1.35E+00	2.49E-07	1.35E+00	1.48E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.75E+01
MA106Z	7.20E-04	1.61E-01	4.41E-03	1.57E-01	0.00E+00	0.00E+00	8.88E-01	1.65E-06	3.10E-04	1.39E-03	0.00E+00	-8.59E-05	1.54E-10	3.72E-09	5.69E-03	2.31E-01	0.00E+00	0.00E+00	6.75E-01	1.17E-03	1.22E+00	0.00E+00	9.82E-09	4.82E-09	3.65E-04	3.99E-08	1.20E-01	0.00E+00	1.22E+00	2.39E-07	1.22E+00	1.34E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
MA110Z	7.43E-04	1.62E-01	4.47E-03	1.58E-01	0.00E+00	0.00E+00	9.10E-01	1.74E-06	3.22E-04	1.40E-03	0.00E+00	-7.79E-05	1.62E-10	3.87E-09	5.75E-03	2.33E-01	0.00E+00	0.00E+00	7.03E-01	1.07E-03	1.24E+00	0.00E+00	9.97E-09	4.90E-09	3.67E-04	3.68E-08	1.24E-01	0.00E+00	1.24E+00	2.54E-07	1.24E+00	1.37E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MA116Z	8.20E-04	1.62E-01	4.57E-03	1.59E-01	0.00E+00	0.00E+00	9.30E-01	1.76E-06	3.84E-04	1.42E-03	0.00E+00	-7.38E-05	1.68E-10	4.60E-09	5.85E-03	2.48E-01	0.00E+00	0.00E+00	7.25E-01	1.01E-03	1.26E+00	0.00E+00	1.02E-08	5.09E-09	3.78E-04	3.65E-08	1.28E-01	0.00E+00	1.26E+00	2.54E-07	1.26E+00	1.39E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
MA120Z	8.53E-04	1.63E-01	4.78E-03	1.59E-01	0.00E+00	0.00E+00	9.65E-01	1.83E-06	4.15E-04	1.43E-03	0.00E+00	-7.40E-05	1.74E-10	5.16E-09	6.06E-03	2.58E-01	0.00E+00	0.00E+00	7.48E-01	1.01E-03	1.30E+00	0.00E+00	1.04E-08	5.18E-09	3.84E-04	3.69E-08	1.31E-01	0.00E+00	1.30E+00	2.58E-07	1.30E+00	1.43E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
MA125Z	9.68E-04	1.68E-01	5.08E-03	1.63E-01	0.00E+00	0.00E+00	9.95E-01	1.89E-06	4.72E-04	1.48E-03	0.00E+00	-7.40E-05	1.82E-10	5.68E-09	6.17E-03	2.72E-01	0.00E+00	0.00E+00	7.89E-01	1.02E-03	1.34E+00	0.00E+00	1.07E-08	5.40E-09	3.98E-04	3.81E-08	1.38E-01	0.00E+00	1.34E+00	2.53E-07	1.34E+00	1.48E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MA132Z	1.62E-03	1.98E-01	6.10E-03	1.92E-01	0.00E+00	0.00E+00	1.10E+00	1.98E-06	9.23E-04	1.76E-03	0.00E+00	-7.71E-05	2.08E-10	1.01E-08	6.74E-03	3.60E-01	0.00E+00	0.00E+00	9.26E-01	1.05E-03	1.51E+00	0.00E+00	1.23E-08	6.63E-09	4.98E-04	3.95E-08	1.64E-01	0.00E+00	1.51E+00	2.35E-07	1.51E+00	1.68E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MA140Z	1.62E-03	2.01E-01	6.11E-03	1.94E-01	0.00E+00	0.00E+00	1.09E+00	1.99E-06	9.27E-04	1.76E-03	0.00E+00	-7.71E-05	2.09E-10	1.03E-08	6.76E-03	3.61E-01	0.00E+00	0.00E+00	9.30E-01	1.06E-03	1.51E+00	0.00E+00	1.24E-08	6.65E-09	4.98E-04	3.96E-08	1.65E-01	0.00E+00	1.51E+00	2.38E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
MA150Z	1.83E-03	2.07E-01	6.80E-03	1.99E-01	0.00E+00	0.00E+00	1.18E+00	2.19E-06	1.04E-03	1.83E-03	0.00E+00	-1.08E-04	2.25E-10	1.15E-08	7.32E-03	3.99E-01	0.00E+00	0.00E+00	1.03E+00	1.48E-03	1.62E+00	0.00E+00	1.32E-08	7.16E-09	5.42E-04	4.81E-08	1.82E-01	0.00E+00	1.62E+00	2.42E-07	1.62E+00	1.80E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.79E+01
MA163Z	1.84E-03	2.07E-01	6.90E-03	1.99E-01	0.00E+00	0.00E+00	1.19E+00	2.20E-06	1.18E-03	1.83E-03	0.00E+00	-1.10E-04	2.30E-10	1.26E-08	7.33E-03	3.99E-01	0.00E+00	0.00E+00	1.04E+00	1.54E-03	1.63E+00	0.00E+00	1.32E-08	7.18E-09	5.41E-04	4.91E-08	1.83E-01	0.00E+00	1.63E+00	2.42E-07	1.63E+00	1.80E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
MA200Z	1.98E-03	3.94E-01	1.18E-02	3.75E-01	0.00E+00	0.00E+00	2.03E+00	3.84E-06	5.01E-04	3.39E-03	0.00E+00	-3.01E-04	3.88E-10	6.90E-09	1.32E-02	5.55E-01	0.00E+00	0.00E+00	1.73E+00	4.01E-03	2.91E+00	0.00E+00	2.38E-08	1.22E-08	9.03E-04	1.33E-07	3.00E-01	0.00E+00	2.91E+00	4.60E-07	2.91E+00	3.27E+00	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.13E+01
MA201Z	2.16E-03	3.97E-01	1.18E-02	3.82E-01	0.00E+00	0.00E+00	2.07E+00	3.90E-06	5.04E-04	3.45E-03	0.00E+00	-3.15E-04	3.88E-10	6.94E-09	1.33E-02	5.56E-01	0.00E+00	0.00E+00	1.74E+00	4.34E-03	2.94E+00	0.00E+00	2.39E-08	1.22E-08	9.07E-04	1.36E-07	3.03E-01	0.00E+00	2.94E+00	4.95E-07	2.94E+00	3.29E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MA202Z	2.16E-03	3.96E-01	1.18E-02	3.80E-01	0.00E+00	0.00E+00	2.07E+00	3.90E-06	5.08E-04	3.43E-03	0.00E+00	-3.17E-04	3.88E-10	6.97E-09	1.33E-02	5.54E-01	0.00E+00	0.00E+00	1.74E+00	4.35E-03	2.94E+00	0.00E+00	2.39E-08	1.22E-08	9.07E-04	1.36E-07	3.03E-01	0.00E+00	2.94E+00	4.95E-07	2.94E+00	3.28E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MA203Z	2.02E-03	3.96E-01	1.18E-02	3.80E-01	0.00E+00	0.00E+00	2.07E+00	3.90E-06	8.52E-04	3.43E-03	0.00E+00	-3.13E-04	3.88E-10	9.86E-09	1.33E-02	5.54E-01	0.00E+00	0.00E+00	1.74E+00	4.29E-03	2.94E+00	0.00E+00	2.39E-08	1.22E-08	9.07E-04	1.32E-07	3.03E-01	0.00E+00	2.94E+00	5.04E-07	2.94E+00	3.28E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
MA204Z	2.01E-03	3.96E-01	1.18E-02	3.80E-01	0.00E+00	0.00E+00	2.04E+00	3.87E-06	8.54E-04	3.43E-03	0.00E+00	-3.14E-04	3.88E-10	9.87E-09	1.33E-02	5.56E-01	0.00E+00	0.00E+00	1.73E+00	4.32E-03	2.93E+00	0.00E+00	2.39E-08	1.22E-08	9.06E-04	1.34E-07	3.01E-01	0.00E+00	2.93E+00	4.98E-07	2.93E+00	3.28E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.14E+01
MA206Z	1.22E-03	3.20E-01	9.89E-03	3.08E-01	0.00E+00	0.00E+00	1.71E+00	3.27E-06	5.19E-04	2.72E-03	0.00E+00	-1.57E-04	3.30E-10	6.57E-09	1.13E-02	4.90E-01	0.00E+00	0.00E+00	1.35E+00	2.12E-03	2.41E+00	0.00E+00	1.94E-08	9.38E-09	7.45E-04	7.83E-08	2.40E-01	0.00E+00	2.41E+00	4.48E-07	2.41E+00	2.63E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.86E+01
MA210Z	1.40E-03	3.23E-01	9.65E-03	3.10E-01	0.00E+00	0.00E+00	1.75E+00	3.36E-06	6.50E-04	2.78E-03	0.00E+00	-1.55E-04	3.29E-10	7.93E-09	1.16E-02	4.94E-01	0.00E+00	0.00E+00	1.38E+00	2.11E-03	2.48E+00	0.00E+00	1.97E-08	9.59E-09	7.44E-04	7.84E-08	2.42E-01	0.00E+00	2.48E+00	4.58E-07	2.48E+00	2.70E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MA216Z	1.57E-03	3.26E-01	9.22E-03	3.15E-01	0.00E+00	0.00E+00	1.79E+00	3.42E-06	7.23E-04	2.80E-03	0.00E+00	-1.53E-04	3.33E-10	8.81E-09	1.18E-02	4.92E-01	0.00E+00	0.00E+00	1.41E+00	2.06E-03	2.51E+00	0.00E+00	2.00E-08	9.83E-09	7.44E-04	7.49E-08	2.46E-01	0.00E+00	2.51E+00	4.55E-07	2.51E+00	2.75E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01

MA220Z	1.72E-03	3.25E-01	9.28E-03	3.15E-01	0.00E+00	0.00E+00	1.80E+00	3.44E-06	8.29E-04	2.81E-03	0.00E+00	-1.56E-04	3.37E-10	9.80E-09	1.18E-02	5.01E-01	0.00E+00	0.00E+00	1.44E+00	2.07E-03	2.53E+00	0.00E+00	2.02E-08	9.95E-09	7.47E-04	7.57E-08	2.51E-01	0.00E+00	2.53E+00	4.57E-07	2.53E+00	2.77E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.16E+01
MA225Z	1.94E-03	3.28E-01	9.80E-03	3.19E-01	0.00E+00	0.00E+00	1.90E+00	3.56E-06	9.54E-04	2.90E-03	0.00E+00	-1.57E-04	3.53E-10	1.13E-08	1.22E-02	5.43E-01	0.00E+00	0.00E+00	1.53E+00	2.09E-03	2.61E+00	0.00E+00	2.08E-08	1.05E-08	7.56E-04	7.97E-08	2.67E-01	0.00E+00	2.61E+00	4.47E-07	2.61E+00	2.86E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	5.50E+01
MA232Z	2.60E-03	3.95E-01	1.16E-02	3.80E-01	0.00E+00	0.00E+00	2.14E+00	3.89E-06	1.35E-03	3.50E-03	0.00E+00	-1.74E-04	4.08E-10	1.41E-08	1.35E-02	6.49E-01	0.00E+00	0.00E+00	1.82E+00	2.42E-03	3.00E+00	0.00E+00	2.44E-08	1.28E-08	9.74E-04	8.42E-08	3.19E-01	0.00E+00	3.00E+00	4.84E-07	3.00E+00	3.34E+00	3.19E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
MA240Z	3.24E-03	3.97E-01	1.28E-02	3.85E-01	0.00E+00	0.00E+00	2.16E+00	3.94E-06	1.91E-03	3.53E-03	0.00E+00	-2.35E-04	4.21E-10	2.09E-08	1.37E-02	7.22E-01	0.00E+00	0.00E+00	1.85E+00	3.08E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.94E-04	1.03E-07	3.27E-01	0.00E+00	3.03E+00	4.75E-07	3.03E+00	3.36E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MA250Z	3.42E-03	4.09E-01	1.39E-02	3.93E-01	0.00E+00	0.00E+00	2.36E+00	4.32E-06	1.69E-03	3.60E-03	0.00E+00	-2.18E-04	4.34E-10	1.99E-08	1.46E-02	7.87E-01	0.00E+00	0.00E+00	2.01E+00	2.99E-03	3.21E+00	0.00E+00	2.59E-08	1.38E-08	1.02E-03	9.91E-08	3.49E-01	0.00E+00	3.21E+00	4.61E-07	3.21E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
MA263Z	3.85E-03	4.09E-01	1.45E-02	3.94E-01	0.00E+00	0.00E+00	2.38E+00	4.36E-06	2.34E-03	3.61E-03	0.00E+00	-2.50E-04	4.57E-10	2.55E-08	1.46E-02	8.26E-01	0.00E+00	0.00E+00	2.05E+00	3.48E-03	3.22E+00	0.00E+00	2.59E-08	1.39E-08	1.02E-03	1.10E-07	3.56E-01	0.00E+00	3.22E+00	4.69E-07	3.22E+00	3.53E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.57E+01
MA300Z	3.29E-03	5.82E-01	1.72E-02	5.68E-01	0.00E+00	0.00E+00	2.98E+00	5.53E-06	9.47E-04	5.06E-03	0.00E+00	-3.30E-04	5.59E-10	1.18E-08	1.96E-02	8.61E-01	0.00E+00	0.00E+00	2.40E+00	4.03E-03	4.17E+00	0.00E+00	3.45E-08	1.75E-08	1.32E-03	1.40E-07	4.24E-01	0.00E+00	4.17E+00	2.94E-07	4.17E+00	4.60E+00	4.24E-01	0.00E+00	0.00E+00	0.00E+00	8.59E+01
MA301Z	3.41E-03	5.86E-01	1.63E-02	5.73E-01	0.00E+00	0.00E+00	3.17E+00	5.81E-06	5.25E-04	5.08E-03	0.00E+00	-3.29E-04	5.68E-10	7.89E-09	2.07E-02	8.65E-01	0.00E+00	0.00E+00	2.41E+00	4.08E-03	4.22E+00	0.00E+00	3.48E-08	1.77E-08	1.36E-03	1.43E-07	4.27E-01	0.00E+00	4.22E+00	7.71E-07	4.22E+00	4.64E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
MA302Z	3.49E-03	5.86E-01	1.62E-02	5.73E-01	0.00E+00	0.00E+00	3.17E+00	5.81E-06	1.18E-03	5.07E-03	0.00E+00	-3.21E-04	5.70E-10	1.39E-08	2.06E-02	8.63E-01	0.00E+00	0.00E+00	2.42E+00	3.93E-03	4.22E+00	0.00E+00	3.48E-08	1.77E-08	1.36E-03	1.40E-07	4.27E-01	0.00E+00	4.22E+00	7.75E-07	4.22E+00	4.64E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.66E+01
MA303Z	3.33E-03	5.85E-01	1.71E-02	5.70E-01	0.00E+00	0.00E+00	3.00E+00	5.57E-06	1.14E-03	5.07E-03	0.00E+00	-3.17E-04	5.63E-10	1.39E-08	1.97E-02	8.61E-01	0.00E+00	0.00E+00	2.42E+00	3.82E-03	4.19E+00	0.00E+00	3.46E-08	1.76E-08	1.34E-03	1.36E-07	4.25E-01	0.00E+00	4.19E+00	2.93E-07	4.19E+00	4.62E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
MA304Z	3.33E-03	5.82E-01	1.71E-02	5.68E-01	0.00E+00	0.00E+00	2.97E+00	5.54E-06	1.14E-03	5.06E-03	0.00E+00	-3.18E-04	5.62E-10	1.39E-08	1.96E-02	8.63E-01	0.00E+00	0.00E+00	2.42E+00	3.85E-03	4.18E+00	0.00E+00	3.45E-08	1.76E-08	1.32E-03	1.37E-07	4.25E-01	0.00E+00	4.18E+00	2.95E-07	4.18E+00	4.60E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.63E+01
MA306Z	2.06E-03	4.65E-01	1.37E-02	4.53E-01	0.00E+00	0.00E+00	2.62E+00	4.78E-06	7.62E-04	4.11E-03	0.00E+00	-2.13E-04	4.62E-10	9.82E-09	1.72E-02	6.65E-01	0.00E+00	0.00E+00	1.96E+00	2.89E-03	3.53E+00	0.00E+00	2.87E-08	1.39E-08	1.07E-03	1.12E-07	3.48E-01	0.00E+00	3.53E+00	2.86E-07	3.53E+00	3.92E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MA310Z	2.09E-03	4.75E-01	1.37E-02	4.60E-01	0.00E+00	0.00E+00	2.68E+00	4.91E-06	8.57E-04	4.20E-03	0.00E+00	-2.04E-04	4.79E-10	1.08E-08	1.76E-02	6.72E-01	0.00E+00	0.00E+00	2.01E+00	2.73E-03	3.65E+00	0.00E+00	2.95E-08	1.43E-08	1.09E-03	1.08E-07	3.58E-01	0.00E+00	3.65E+00	2.85E-07	3.65E+00	4.04E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	7.18E+01
MA316Z	2.40E-03	4.74E-01	1.47E-02	4.59E-01	0.00E+00	0.00E+00	2.71E+00	4.96E-06	1.10E-03	4.20E-03	0.00E+00	-2.06E-04	4.90E-10	1.34E-08	1.77E-02	7.53E-01	0.00E+00	0.00E+00	2.06E+00	2.79E-03	3.69E+00	0.00E+00	2.98E-08	1.48E-08	1.13E-03	1.09E-07	3.67E-01	0.00E+00	3.69E+00	2.84E-07	3.69E+00	4.08E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
MA320Z	2.58E-03	4.90E-01	1.49E-02	4.73E-01	0.00E+00	0.00E+00	2.81E+00	5.19E-06	1.18E-03	4.28E-03	0.00E+00	-2.08E-04	5.17E-10	1.42E-08	1.81E-02	7.57E-01	0.00E+00	0.00E+00	2.18E+00	2.81E-03	3.75E+00	0.00E+00	3.03E-08	1.53E-08	1.13E-03	1.11E-07	3.85E-01	0.00E+00	3.75E+00	2.87E-07	3.75E+00	4.16E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	7.83E+01
MA325Z	2.93E-03	5.03E-01	1.58E-02	4.83E-01	0.00E+00	0.00E+00	2.96E+00	5.49E-06	1.50E-03	4.38E-03	0.00E+00	-2.25E-04	5.38E-10	1.74E-08	1.90E-02	8.11E-01	0.00E+00	0.00E+00	2.33E+00	2.93E-03	3.98E+00	0.00E+00	3.22E-08	1.64E-08	1.16E-03	1.13E-07	4.11E-01	0.00E+00	3.98E+00	2.76E-07	3.98E+00	4.41E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.41E+01
MA332Z	4.58E-03	5.89E-01	1.83E-02	5.70E-01	0.00E+00	0.00E+00	3.18E+00	5.77E-06	2.60E-03	5.23E-03	0.00E+00	-2.31E-04	6.17E-10	2.86E-08	2.02E-02	1.05E+00	0.00E+00	0.00E+00	2.72E+00	3.13E-03	4.38E+00	0.00E+00	3.60E-08	1.95E-08	1.47E-03	1.19E-07	4.83E-01	0.00E+00	4.38E+00	7.04E-07	4.38E+00	4.87E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.96E+01
MA340Z	4.84E-03	5.90E-01	1.93E-02	5.70E-01	0.00E+00	0.00E+00	3.20E+00	5.81E-06	2.86E-03	5.24E-03	0.00E+00	-3.57E-04	6.19E-10	3.14E-08	2.02E-02	1.08E+00	0.00E+00	0.00E+00	2.74E+00	4.68E-03	4.42E+00	0.00E+00	3.61E-08	1.98E-08	1.47E-03	1.52E-07	4.85E-01	0.00E+00	4.42E+00	7.10E-07	4.42E+00	4.91E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MA350Z	5.72E-03	6.03E-01	2.22E-02	5.83E-01	0.00E+00	0.00E+00	3.57E+00	6.32E-06	3.41E-03	5.45E-03	0.00E+00	-3.60E-04	6.82E-10	3.74E-08	2.20E-02	1.22E+00	0.00E+00	0.00E+00	3.13E+00	4.71E-03	4.58E+00	0.00E+00	3.76E-08	2.19E-08	1.60E-03	1.54E-07	5.52E-01	0.00E+00	4.58E+00	2.91E-07	4.58E+00	5.14E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MA363Z	5.79E-03	6.11E-01	2.25E-02	5.90E-01	0.00E+00	0.00E+00	3.65E+00	6.60E-06	3.45E-03	5.50E-03	0.00E+00	-3.68E-04	7.13E-10	3.79E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.22E+00	4.77E-03	4.84E+00	0.00E+00	3.93E-08	2.21E-08	1.61E-03	1.57E-07	5.63E-01	0.00E+00	4.84E+00	2.96E-07	4.84E+00	5.40E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MA400Z	4.00E-03	7.91E-01	2.42E-02	7.66E-01	0.00E+00	0.00E+00	4.37E+00	7.81E-06	1.16E-03	7.04E-03	0.00E+00	-3.46E-04	8.34E-10	1.57E-08	2.71E-02	1.31E+00	0.00E+00	0.00E+00	3.73E+00	4.30E-03	6.04E+00	0.00E+00	4.90E-08	2.63E-08	1.97E-03	1.78E-07	6.65E-01	0.00E+00	6.04E+00	2.98E-07	6.04E+00	6.67E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MA401Z	4.02E-03	7.95E-01	2.35E-02	7.70E-01	0.00E+00	0.00E+00	4.37E+00	7.95E-06	1.18E-03	7.07E-03	0.00E+00	-3.54E-04	8.38E-10	1.56E-08	2.71E-02	1.31E+00	0.00E+00	0.00E+00	3.74E+00	4.41E-03	6.06E+00	0.00E+00	4.91E-08	2.63E-08	1.97E-03	1.91E-07	6.66E-01	0.00E+00	6.06E+00	9.05E-07	6.06E+00	6.71E+00	6.66E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MA402Z	4.03E-03	8.06E-01	2.35E-02	7.79E-01	0.00E+00	0.00E+00	4.38E+00	7.96E-06	1.18E-03	7.14E-03	0.00E+00	-3.51E-04	8.39E-10	1.60E-08	2.74E-02	1.32E+00	0.00E+00	0.00E+00	3.75E+00	4.40E-03	6.13E+00	0.00E+00	4.95E-08	2.65E-08	1.99E-03	1.91E-07	6.67E-01	0.00E+00	6.13E+00	8.98E-07	6.13E+00	6.78E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MA403Z	4.26E-03	7.91E-01	2.43E-02	7.66E-01	0.00E+00	0.00E+00	4.37E+00	7.82E-06	1.95E-03	7.04E-03	0.00E+00	-3.50E-04	8.34E-10	2.27E-08	2.71E-02	1.31E+00	0.00E+00	0.00E+00	3.73E+00	4.37E-03	6.04E+00	0.00E+00	4.90E-08	2.63E-08	1.97E-03	1.78E-07	6.65E-01	0.00E+00	6.04E+00	2.95E-07	6.04E+00	6.67E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MA404Z	4.23E-03	7.91E-01	2.42E-02	7.66E-01	0.00E+00	0.00E+00	4.37E+00	7.82E-06	1.86E-03	7.04E-03	0.00E+00	-3.50E-04	8.34E-10	2.20E-08	2.71E-02	1.32E+00	0.00E+00	0.00E+00	3.73E+00	4.37E-03	6.04E+00	0.00E+00	4.90E-08	2.63E-08	1.97E-03	1.78E-07	6.65E-01	0.00E+00	6.04E+00	2.95E-07	6.04E+00	6.67E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MA406Z	2.88E-03	6.25E-01	1.84E-02	6.02E-01	0.00E+00	0.00E+00	3.44E+00	6.46E-06	9.89E-04	5.33E-03	0.00E+00	-3.04E-04	6.05E-10	1.32E-08	2.19E-02	8.90E-01	0.00E+00	0.00E+00	2.63E+00	4.13E-03	4.76E+00	0.00E+00	3.81E-08	1.88E-08	1.43E-03	1.57E-07	4.63E-01	0.00E+00	4.76E+00	2.86E-07	4.76E+00	5.21E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	9.48E+01
MA416Z	3.19E-03	6.28E-01	1.96E-02	6.04E-01	0.00E+00	0.00E+00	3.64E+00	6.75E-06	1.47E-03	5.43E-03	0.00E+00	-3.09E-04	6.44E-10	1.78E-08	2.28E-02	9.77E-01	0.00E+00	0.00E+00	2.85E+00	4.19E-03	4.92E+00	0.00E+00	3.92E-08	1.98E-08	1.46E-03	1.63E-07	4.99E-01	0.00E+00	4.92E+00	2.88E-07	4.92E+00	5.41E+00	4.99E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MA420Z	3.27E-03	6.30E-01	2.20E-02	6.07E-01	0.00E+00	0.00E+00	3.77E+00	6.91E-06	1.55E-03	5.47E-03	0.00E+00	-3.10E-04	6.73E-10	1.85E-08	2.34E-02	1.00E+00	0.00E+00	0.00E+00	2.90E+00	4.23E-03	5.08E+00	0.00E+00	4.07E-08	2.01E-08	1.47E-03	1.73E-07	5.12E-01	0.00E+00	5.08E+00	2.88E-07	5.08E+00	5.60E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MA425Z	4.72E-03	6.45E-01	2.33E-02	6.24E-01	0.00E+00	0.00E+00	3.83E+00	7.07E-06	2.73E-03	5.63E-03	0.00E+00	-3.12E-04	6.92E-10	2.98E-08	2.46E-02	1.11E+00	0.00E+00	0.00E+00	2.94E+00	4.29E-03	5.14E+00	0.00E+00	4.12E-08	2.05E-08	1.53E-03	1.75E-07	5.24E-01	0.00E+00	5.14E+00	2.81E-07	5.14E+00	5.67E+00	5.24E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MA432Z	6.30E-03	7.99E-01	2.47E-02	7.73E-01	0.00E+00	0.00E+00	4.33E+00	7.88E-06	3.71E-03	7.09E-03	0.00E+00	-3.26E-04	8.25E-10	4.07E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.69E+00	4.51E-03	6.07E+00	0.00E+00	4.95E-08	2.67E-08	2.00E-03	1.86E-07	6.55E-01	0.00E+00	6.07E+00	8.66E-07	6.07E+00	6.72E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MA440Z	6.37E-03	7.98E-01	2.56E-02	7.72E-01	0.00E+00	0.00E+00	4.33E+00	7.92E-06	3.75E-03	7.09E-03	0.00E+00	-4.52E-04	8.42E-10	4.12E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.69E+00	6.06E-03	6.07E+00	0.00E+00	4.96E-08	2.67E-08	2.00E-03	2.06E-07	6.55E-01	0.00E+00	6.07E+00	8.65E-07	6.07E+00	6.73E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MA450Z	7.67E-03	8.29E-01	2.90E-02	8.03E-01	0.00E+00	0.00E+00	4.95E+00	8.89E-06	4.67E-03	7.42E-03	0.00E+00	-4.37E-04	9.33E-10	5.08E-08	2.99E-02	1.67E+00	0.00E+00	0.00E+00	4.28E+00	5.75E-03	6.63E+00	0.00E+00	5.35E-08	2.95E-08	2.15E-03	2.02E-07	7.58E-01	0.00E+00	6.63E+00	2.93E-07	6.63E+00	7.41E+00	7.58E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
MA463Z	7.73E-03	8.33E-01	2.89E-02	8.08E-01	0.00E+00	0.00E+00	4.98E+00	9.10E-06	4.72E-03	7.46E-03	0.00E+00	-4.42E-04	9.66E-10	5.12E-08	3.01E-02	1.68E+00	0.00E+00	0.00E+00	4.34E+00	5.75E-03	6.67E+00	0.00E+00	5.39E-08	2.97E-08	2.16E-03	2.02E-07	7.65E-01	0.00E+00	6.67E+00	9.04E-07	6.67E+00	7.47E+00	7.65E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MB106A	7.55E-04	1.52E-01	4.08E-03	1.49E-01	0.00E+00	0.00E+00	9.11E-01	1.63E-06	3.05E-04	1.44E-03	0.00E+00	-7.36E-05	1.56E-10	3.75E-09	5.86E-03	2.34E-01	0.00E+00	0.00E+00	6.85E-01	9.99E-04	1.22E+00	0.00E+00	9.97E-09	4.97E-09	3.70E-04	3.68E-08	1.24E-01	0.00E+00	1.22E+00	2.17E-07	1.22E+00	1.35E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MB110A	6.19E-04	1.41E-01	3.94E-03	1.38E-01	0.00E+00	0.00E+00	7.54E-01	1.44E-06	2.57E-04	1.23E-03	0.00E+00	-6.05E-05	1.30E-10	3.33E-09	4.80E-03	1.92E-01	0.00E+00	0.00E+00	5.70E-01	7.57E-04	1.06E+00	0.00E+00	8.61E-09	4.21E-09	3.14E-04	3.06E-08	1.01E-01	0.00E+00	1.06E+00	2.16E-07	1.06E+00	1.16E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	2.05E+01
MB113A	8.40E-04	1.67E-01	4.57E-03	1.62E-01	0.00E+00	0.00E+00	9.74E-01	1.78E-06	3.90E-04	1.47E-03	0.00E+00	-7.53E-05	1.70E-10	4.80E-09	6.08E-03	2.47E-01	0.00E+00	0.00E+00	7.34E-01	1.04E-03	1.28E+00	0.00E+00	1.03E-08	5.11E-09	3.79E-04	3.82E-08	1.30E-01	0.00E+00	1.28E+00	2.55E-07	1.28E+00	1.42E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
MB116A	6.56E-04	1.43E-01	3.84E-03	1.39E-01	0.00E+00	0.00E+00	7.98E-01	1.48E-06	2.75E-04	1.24E-03	0.00E+00	-4.61E-05	1.30E-10	3.50E-09	4.91E-03	2.13E-01	0.00E+00	0.00E+00	6.04E-01	6.37E-04	1.09E+00	0.00E+00	8.83E-09	4.41E-09	3.18E-04	2.61E-08	1.08E-01	0.00E+00	1.09E+00	2.19E-07	1.09E+00	1.20E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+01
MB120A	6.54E-04	1.41E-01	3.81E-03	1.37E-01	0.00E+00	0.00E+00	8.02E-01	1.49E-06	2.69E-04	1.22E-03	0.00E+00	-4.65E-05	1.34E-10	3.45E-09	5.20E-03	2.15E-01	0.00E+00	0.00E+00	6.09E-01	6.13E-04	1.11E+00	0.00E+00	9.08E-09	4.47E-09	3.17E-04	2.61E-08	1.09E-01	0.00E+00	1.11E+00	2.15E-07	1.11E+00	1.22E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
MB125A	9.68E-04	1.68E-01	5.12E-03	1.63E-01	0.00E+00	0.00E+00	9.96E-01	1.89E-06	4.72E-04	1.48E-03	0.00E+00	-7.40E-05	1.82E-10	5.68E-09	6.17E-03	2.72E-01	0.00E+00	0.00E+00	7.90E-01	1.02E-03	1.34E+00	0.00E+00	1.07E-08	5.40E-09	3.99E-04	3.81E-08	1.38E-01	0.00E+00	1.34E+00	2.53E-07	1.34E+00	1.48E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MB132A	1.61E-03	2.00E-01	6.09E-03	1.93E-01	0.00E+00	0.00E+00	1.10E+00	1.98E-06	9.21E-04	1.74E-03	0.00E+00	-7.72E-05	2.08E-10	1.01E-08	6.74E-03	3.60E-01	0.00E+00	0.00E+00	9.24E-01	1.05E-03	1.51E+00	0.00E+00	1.23E-08	6.62E-09	4.94E-04	3.98E-08	1.64E-01	0.00E+00	1.51E+00	2.35E-07	1.51E+00	1.67E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MB140A	1.62E-03	2.01E-01	6.10E-03	1.94E-01	0.00E+00	0.00E+00	1.11E+00	1.99E-06	9.26E-04	1.78E-03	0.00E+00	-7.95E-05	2.09E-10	1.03E-08	6.75E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.11E-03	1.51E+00	0.00E+00	1.23E-08	6.63E-09	4.95E-04	4.10E-08	1.65E-01	0.00E+00	1.51E+00	2.39E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MB150A	1.83E-03	2.09E-01	6.80E-03	2.00E-01	0.00E+00	0.00E+00	1.20E+00	2.19E-06	1.04E-03	1.87E-03	0.00E+00	-1.08E-04	2.26E-10	1.15E-08	7.41E-03	3.98E-01	0.00E+00	0.00E+00	1.03E+00	1.48E-03	1.62E+00	0.00E+00	1.32E-08	7.16E-09	5.46E-04	4.81E-08	1.82E-01	0.00E+00	1.62E+00	2.42E-07	1.62E+00	1.81E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.79E+01
MB163A	1.84E-03	2.09E-01	6.89E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.22E-06	1.19E-03	1.88E-03	0.00E+00	-1.11E-04	2.29E-10	1.27E-08	7.51E-03	3.98E-01	0.00E+00	0.00E+00	1.04E+00	1.54E-03	1.62E+00	0.00E+00	1.33E-08	7.20E-09	5.47E-04	4.91E-08	1.84E-01	0.00E+00	1.62E+00	2.42E-07	1.62E+00	1.81E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
MB197	7.92E-04	1.64E-01	5.94E-03	1.58E-01	0.00E+00	0.00E+00	9.29E-01	1.74E-06	3.59E-04	1.42E-03	0.00E+00	-2.43E-04	1.68E-10	4.41E-09	5.96E-03	2.43E-01	0.00E+00	0.00E+00	7.07E-01	3.23E-03	1.27E+00	0.00E+00	1.02E-08	5.00E-09	3.73E-04	9.09E-08	1.25E-01	0.00E+00	1.27E+00	2.29E-07	1.27E+00	1.39E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MB199	7.68E-04	1.80E-01	5.45E-03	1.74E-01	0.00E+00	0.00E+00	9.16E-01	1.72E-06	3.25E-04	1.55E-03	0.00E+00	-1.86E-04	1.66E-10	3.95E-09	6.10E-03	2.42E-01	0.00E+00	0.00E+00	6.98E-01	2.47E-03	1.31E+00	0.00E+00	1.07E-08	5.19E-09	3.99E-04	7.32E-08	1.24E-01	0.00E+00	1.31E+00	2.54E-07	1.31E+00	1.44E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
MB206A	1.24E-03	3.19E-01	9.95E-03	3.09E-01	0.00E+00	0.00E+00	1.75E+00	3.34E-06	5.25E-04	2.74E-03	0.00E+00	-1.63E-04	3.31E-10	6.68E-09	1.15E-02	4.96E-01	0.00E+00	0.00E+00	1.36E+00	2.21E-03	2.44E+00	0.00E+00	1.95E-08	9.55E-09	7.52E-04	7.93E-08	2.44E-01	0.00E+00	2.44E+00	6.70E-07	2.44E+00	2.65E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MB210A	1.39E-03	3.21E-01	9.68E-03	3.10E-01	0.00E+00	0.00E+00	1.79E+00	3.42E-06	6.65E-04	2.79E-03	0.00E+00	-1.63E-04	3.28E-10	8.02E-09	1.17E-02	4.95E-01	0.00E+00	0.00E+00	1.38E+00	2.21E-03	2.51E+00	0.00E+00	1.98E-08	9.66E-09	7.48E-04	7.99E-08	2.46E-01	0.00E+00	2.51E+00	7.27E-07	2.51E+00	2.72E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MB213A	1.56E-03	3.24E-01	9.27E-03	3.14E-01	0.00E+00	0.00E+00	1.82E+00	3.48E-06	7.16E-04	2.81E-03	0.00E+00	-1.67E-04	3.35E-10	8.61E-09	1.19E-02	4.94E-01	0.00E+00	0.00E+00	1.42E+00	2.24E-03	2.55E+00	0.00E+00	2.02E-08	9.95E-09	7.48E-04	7.92E-08	2.50E-01	0.00E+00	2.55E+00	7.29E-07	2.55E+00	2.77E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.08E+01
MB216A	1.32E-03	2.73E-01	7.57E-03	2.67E-01	0.00E+00	0.00E+00	1.62E+00	3.20E-06	6.59E-04	2.42E-03	0.00E+00	-1.02E-04	2.90E-10	7.66E-09	1.10E-02	4.39E-01	0.00E+00	0.00E+00	1.29E+00	1.34E-03	2.48E+00	0.00E+00	1.93E-08	9.44E-09	6.58E-04	4.97E-08	2.27E-01	0.00E+00	2.48E+00	5.69E-07	2.48E+00	2.74E+00	2.27E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
MB220A	1.70E-03	3.24E-01	9.40E-03	3.14E-01	0.00E+00	0.00E+00	1.86E+00	3.50E-06	8.12E-04	2.83E-03	0.00E+00	-1.67E-04	3.40E-10	9.60E-09	1.20E-02	5.04E-01	0.00E+00	0.00E+00	1.45E+00	2.18E-03	2.56E+00	0.00E+00	2.03E-08	1.00E-08	7.50E-04	7.99E-08	2.55E-01	0.00E+00	2.56E+00	7.22E-07	2.56E+00	2.78E+00	2.55E-01	0.00E+00	0.00E+00	0.00E+00	5.20E+01
MB225A	1.94E-03	3.28E-01	9.80E-03	3.19E-01	0.00E+00	0.00E+00	1.90E+00	3.57E-06	9.54E-04	2.90E-03	0.00E+00	-1.57E-04	3.53E-10	1.13E-08	1.23E-02	5.42E-01	0.00E+00	0.00E+00	1.53E+00	2.09E-03	2.62E+00	0.00E+00	2.09E-08	1.05E-08	7.56E-04	7.98E-08	2.67E-01	0.00E+00	2.62E+00	4.47E-07	2.62E+00	2.87E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	5.50E+01
MB232A	2.62E-03	3.96E-01	1.18E-02	3.87E-01	0.00E+00	0.00E+00	2.18E+00	3.98E-06	1.34E-03	3.54E-03	0.00E+00	-1.93E-04	4.08E-10	1.41E-08	1.37E-02	6.51E-01	0.00E+00	0.00E+00	1.85E+00	2.67E-03	3.04E+00	0.00E+00	2.48E-08	1.29E-08	9.81E-04	8.84E-08	3.24E-01	0.00E+00	3.04E+00	6.86E-07	3.04E+00	3.37E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.67E+01
MB240A	3.24E-03	3.94E-01	1.28E-02	3.81E-01	0.00E+00	0.00E+00	2.16E+00	3.95E-06	1.91E-03	3.50E-03	0.00E+00	-2.36E-04	4.21E-10	2.09E-08	1.36E-02	7.22E-01	0.00E+00	0.00E+00	1.85E+00	3.06E-03	3.02E+00	0.00E+00	2.45E-08	1.33E-08	9.83E-04	1.02E-07	3.27E-01	0.00E+00	3.02E+00	6.80E-07	3.02E+00	3.35E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MB250A	3.48E-03	4.09E-01	1.39E-02	3.94E-01	0.00E+00	0.00E+00	2.40E+00	4.35E-06	1.73E-03	3.62E-03	0.00E+00	-2.39E-04	4.33E-10	2.05E-08	1.47E-02	7.87E-01	0.00E+00	0.00E+00	2.00E+00	3.20E-03	3.22E+00	0.00E+00	2.59E-08	1.38E-08	1.01E-03	1.02E-07	3.49E-01	0.00E+00	3.22E+00	7.21E-07	3.22E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
MB263A	3.90E-03	4.10E-01	1.45E-02	3.94E-01	0.00E+00	0.00E+00	2.41E+00	4.40E-06	2.38E-03	3.63E-03	0.00E+00	-2.65E-04	4.56E-10	2.60E-08	1.47E-02	8.25E-01	0.00E+00	0.00E+00	2.05E+00	3.61E-03	3.23E+00	0.00E+00	2.59E-08	1.39E-08	1.02E-03	1.14E-07	3.56E-01	0.00E+00	3.23E+00	7.25E-07	3.23E+00	3.53E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.55E+01
MB306A	2.13E-03	4.69E-01	1.29E-02	4.58E-01	0.00E+00	0.00E+00	2.60E+00	4.85E-06	7.82E-04	4.13E-03	0.00E+00	-2.23E-04	4.63E-10	1.00E-08	1.72E-02	6.68E-01	0.00E+00	0.00E+00	1.97E+00	3.07E-03	3.60E+00	0.00E+00	2.89E-08	1.40E-08	1.08E-03	1.15E-07	3.49E-01	0.00E+00	3.60E+00	7.08E-07	3.60E+00	3.96E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.97E+01
MB310A	2.14E-03	4.75E-01	1.30E-02	4.63E-01	0.00E+00	0.00E+00	2.68E+00	4.99E-06	8.71E-04	4.22E-03	0.00E+00	-2.16E-04	4.82E-10	1.09E-08	1.77E-02	6.74E-01	0.00E+00	0.00E+00	2.02E+00	2.90E-03	3.72E+00	0.00E+00	2.98E-08	1.44E-08	1.10E-03	1.11E-07	3.59E-01	0.00E+00	3.72E+00	7.56E-07	3.72E+00	4.08E+00	3.59E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
MB313A	2.48E-03	4.93E-01	1.35E-02	4.79E-01	0.00E+00	0.00E+00	2.78E+00	5.20E-06	9.46E-04	4.27E-03	0.00E+00	-2.36E-04	4.91E-10	1.17E-08	1.87E-02	7.35E-01	0.00E+00	0.00E+00	2.15E+00	3.10E-03	3.85E+00	0.00E+00	3.13E-08	1.58E-08	1.13E-03	1.22E-07	3.83E-01	0.00E+00	3.85E+00	7.59E-07	3.85E+00	4.26E+00	3.83E-01	0.00E+00	0.00E+00	0.00E+00	7.75E+01
MB316A	1.92E-03	4.11E-01	1.03E-02	4.00E-01	0.00E+00	0.00E+00	2.16E+00	3.98E-06	8.79E-04	3.58E-03	0.00E+00	-1.29E-04	3.63E-10	1.04E-08	1.40E-02	5.69E-01	0.00E+00	0.00E+00	1.61E+00	1.78E-03	3.05E+00	0.00E+00	2.51E-08	1.21E-08	9.35E-04	7.60E-08	2.92E-01	0.00E+00	3.05E+00	2.44E-07	3.05E+00	3.37E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	5.69E+01
MB320A	2.58E-03	4.91E-01	1.41E-02	4.77E-01	0.00E+00	0.00E+00	2.82E+00	5.33E-06	1.19E-03	4.29E-03	0.00E+00	-2.29E-04	5.18E-10	1.42E-08	1.84E-02	7.57E-01	0.00E+00	0.00E+00	2.19E+00	3.05E-03	3.85E+00	0.00E+00	3.08E-08	1.54E-08	1.13E-03	1.14E-07	3.86E-01	0.00E+00	3.85E+00	7.59E-07	3.85E+00	4.24E+00	3.86E-01	0.00E+00	0.00E+00	0.00E+00	7.87E+01
MB325A	2.93E-03	5.03E-01	1.58E-02	4.83E-01	0.00E+00	0.00E+00	2.96E+00	5.46E-06	1.50E-03	4.40E-03	0.00E+00	-2.25E-04	5.40E-10	1.74E-08	1.89E-02	8.11E-01	0.00E+00	0.00E+00	2.33E+00	2.93E-03	3.98E+00	0.00E+00	3.22E-08	1.64E-08	1.18E-03	1.13E-07	4.11E-01	0.00E+00	3.98E+00	2.76E-07	3.98E+00	4.41E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.41E+01
MB332A	4.64E-03	5.91E-01	1.85E-02	5.73E-01	0.00E+00	0.00E+00	3.38E+00	6.08E-06	2.62E-03	5.25E-03	0.00E+00	-2.45E-04	6.32E-10	2.87E-08	2.19E-02	1.05E+00	0.00E+00	0.00E+00	2.72E+00	3.29E-03	4.44E+00	0.00E+00	3.63E-08	1.97E-08	1.49E-03	1.40E-07	4.89E-01	0.00E+00	4.44E+00	7.04E-07	4.44E+00	4.91E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MB340A	4.89E-03	5.94E-01	1.96E-02	5.75E-01	0.00E+00	0.00E+00	3.23E+00	5.82E-06	2.86E-03	5.25E-03	0.00E+00	-3.76E-04	6.27E-10	3.15E-08	2.07E-02	1.08E+00	0.00E+00	0.00E+00	2.76E+00	4.87E-03	4.44E+00	0.00E+00	3.65E-08	2.00E-08	1.49E-03	1.62E-07	4.90E-01	0.00E+00	4.44E+00	7.14E-07	4.44E+00	4.92E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MB350A	5.73E-03	6.09E-01	2.16E-02	5.88E-01	0.00E+00	0.00E+00	3.62E+00	6.57E-06	3.41E-03	5.48E-03	0.00E+00	-3.82E-04	6.85E-10	3.74E-08	2.22E-02	1.22E+00	0.00E+00	0.00E+00	3.13E+00	4.98E-03	4.88E+00	0.00E+00	3.95E-08	2.18E-08	1.60E-03	1.68E-07	5.52E-01	0.00E+00	4.88E+00	7.42E-07	4.88E+00	5.44E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MB363A	5.80E-03	6.12E-01	2.19E-02	5.92E-01	0.00E+00	0.00E+00	3.67E+00	6.75E-06	3.45E-03	5.51E-03	0.00E+00	-3.87E-04	7.12E-10	3.79E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.20E+00	5.03E-03	4.93E+00	0.00E+00	3.98E-08	2.21E-08	1.60E-03	1.71E-07	5.62E-01	0.00E+00	4.93E+00	7.52E-07	4.93E+00	5.47E+00	5.62E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MB406A	2.87E-03	6.24E-01	1.84E-02	6.02E-01	0.00E+00	0.00E+00	3.42E+00	6.44E-06	9.89E-04	5.34E-03	0.00E+00	-3.04E-04	6.04E-10	1.32E-08	2.19E-02	8.92E-01	0.00E+00	0.00E+00	2.63E+00	4.15E-03	4.76E+00	0.00E+00	3.80E-08	1.88E-08	1.43E-03	1.57E-07	4.63E-01	0.00E+00	4.76E+00	2.86E-07	4.76E+00	5.21E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	9.45E+01
MB410A	2.94E-03	6.25E-01	1.84E-02	6.03E-01	0.00E+00	0.00E+00	3.49E+00	6.59E-06	1.21E-03	5.36E-03	0.00E+00	-3.07E-04	6.19E-10	1.50E-08	2.25E-02	9.00E-01	0.00E+00	0.00E+00	2.66E+00	4.18E-03	4.78E+00	0.00E+00	3.83E-08	1.88E-08	1.44E-03	1.57E-07	4.68E-01	0.00E+00	4.78E+00	2.88E-07	4.78E+00	5.25E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	9.57E+01
MB413A	3.05E-03	6.24E-01	1.90E-02	6.03E-01	0.00E+00	0.00E+00	3.61E+00	6.93E-06	1.32E-03	5.41E-03	0.00E+00	-3.21E-04	6.45E-10	1.62E-08	2.31E-02	9.32E-01	0.00E+00	0.00E+00	2.69E+00	4.33E-03	4.98E+00	0.00E+00	3.92E-08	1.93E-08	1.45E-03	1.77E-07	4.76E-01	0.00E+00	4.98E+00	9.10E-07	4.98E+00	5.39E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	9.71E+01
MB416A	3.18E-03	6.24E-01	1.88E-02	6.03E-01	0.00E+00	0.00E+00	3.63E+00	6.80E-06	1.48E-03	5.43E-03	0.00E+00	-3.21E-04	6.45E-10	1.78E-08	2.30E-02	9.70E-01	0.00E+00	0.00E+00	2.82E+00	4.30E-03	4.92E+00	0.00E+00	3.91E-08	1.98E-08	1.46E-03	1.65E-07	4.94E-01	0.00E+00	4.92E+00	8.98E-07	4.92E+00	5.39E+00	4.94E-01	0.00E+00	0.00E+00	0.00E+00	9.93E+01
MB420A	3.25E-03	6.30E-01	2.10E-02	6.07E-01	0.00E+00	0.00E+00	3.77E+00	7.04E-06	1.55E-03	5.47E-03	0.00E+00	-3.21E-04	6.75E-10	1.85E-08	2.36E-02	9.97E-01	0.00E+00	0.00E+00	2.91E+00	4.36E-03	5.07E+00	0.00E+00	4.07E-08	2.01E-08	1.48E-03	1.80E-07	5.12E-01	0.00E+00	5.07E+00	9.07E-07	5.07E+00	5.60E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MB425A	4.72E-03	6.51E-01	2.33E-02	6.27E-01	0.00E+00	0.00E+00	3.85E+00	7.17E-06	2.73E-03	5.66E-03	0.00E+00	-3.13E-04	6.93E-10	2.98E-08	2.52E-02	1.11E+00	0.00E+00	0.00E+00	2.94E+00	4.30E-03	5.15E+00	0.00E+00	4.13E-08	2.05E-08	1.53E-03	1.75E-07	5.24E-01	0.00E+00	5.15E+00	2.80E-07	5.15E+00	5.68E+00	5.24E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MB432A	6.30E-03	8.03E-01	2.49E-02	7.75E-01	0.00E+00	0.00E+00	4.37E+00	8.02E-06	3.71E-03	7.11E-03	0.00E+00	-3.26E-04	8.28E-10	4.06E-08	2.76E-02	1.44E+00	0.00E+00	0.00E+00	3.74E+00	4.49E-03	6.15E+00	0.00E+00	4.95E-08	2.68E-08	2.00E-03	1.92E-07	6.68E-01	0.00E+00	6.15E+00	8.70E-07	6.15E+00	6.73E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
MB440A	6.37E-03	8.00E-01	2.55E-02	7.74E-01	0.00E+00	0.00E+00	4.33E+00	7.92E-06	3.75E-03	7.10E-03	0.00E+00	-4.53E-04	8.42E-10	4.11E-08	2.74E-02	1.44E+00	0.00E+00	0.00E+00	3.70E+00	6.04E-03	6.07E+00	0.00E+00	4.96E-08	2.67E-08	2.00E-03	2.09E-07	6.61E-01	0.00E+00	6.07E+00	8.63E-07	6.07E+00	6.73E+00	6.61E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MB450A	7.69E-03	8.32E-01	2.88E-02	8.05E-01	0.00E+00	0.00E+00	4.97E+00	9.03E-06	4.67E-03	7.43E-03	0.00E+00	-4.56E-04	9.33E-10	5.09E-08	2.99E-02	1.67E+00	0.00E+00	0.00E+00	4.30E+00	5.98E-03	6.65E+00	0.00E+00	5.35E-08	2.95E-08	2.15E-03	2.12E-07	7.66E-01	0.00E+00	6.65E+00	8.92E-07	6.65E+00	7.41E+00	7.66E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+02
MB463A	7.75E-03	8.36E-01	2.91E-02	8.10E-01	0.00E+00	0.00E+00	5.01E+00	9.21E-06	4.72E-03	7.47E-03	0.00E+00	-4.62E-04	9.66E-10	5.14E-08	3.02E-02	1.68E+00	0.00E+00	0.00E+00	4.36E+00	6.00E-03	6.75E+00	0.00E+00	5.39E-08	2.98E-08	2.16E-03	2.12E-07	7.74E-01	0.00E+00	6.75E+00	9.11E-07	6.75E+00	7.47E+00	7.74E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
MB506A	1.24E-03	3.20E-01	9.69E-03	3.09E-01	0.00E+00	0.00E+00	1.79E+00	3.44E-06	5.14E-04	2.80E-03	0.00E+00	-1.65E-04	3.29E-10	6.59E-09	1.16E-02	4.97E-01	0.00E+00	0.00E+00	1.36E+00	2.25E-03	2.51E+00	0.00E+00	1.98E-08	9.56E-09	7.49E-04	8.11E-08	2.44E-01	0.00E+00	2.51E+00	7.13E-07	2.51E+00	2.71E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MB510A	1.41E-03	3.21E-01	9.69E-03	3.09E-01	0.00E+00	0.00E+00	1.79E+00	3.45E-06	6.97E-04	2.80E-03	0.00E+00	-1.80E-04	3.29E-10	8.21E-09	1.16E-02	4.96E-01	0.00E+00	0.00E+00	1.37E+00	2.43E-03	2.52E+00	0.00E+00	1.98E-08	9.64E-09	7.48E-04	8.08E-08	2.45E-01	0.00E+00	2.52E+00	7.32E-07	2.52E+00	2.73E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	4.93E+01
MB513A	1.58E-03	3.21E-01	9.39E-03	3.10E-01	0.00E+00	0.00E+00	1.82E+00	3.57E-06	7.49E-04	2.81E-03	0.00E+00	-1.74E-04	3.31E-10	8.99E-09	1.20E-02	5.04E-01	0.00E+00	0.00E+00	1.41E+00	2.27E-03	2.60E+00	0.00E+00	2.05E-08	1.03E-08	7.50E-04	7.36E-08	2.50E-01	0.00E+00	2.60E+00	7.34E-07	2.60E+00	2.82E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
MB516A	1.64E-03	3.23E-01	9.38E-03	3.14E-01	0.00E+00	0.00E+00	1.80E+00	3.48E-06	7.93E-04	2.80E-03	0.00E+00	-1.72E-04	3.35E-10	9.54E-09	1.19E-02	5.05E-01	0.00E+00	0.00E+00	1.42E+00	2.28E-03	2.55E+00	0.00E+00	2.05E-08	1.02E-08	7.46E-04	7.67E-08	2.48E-01	0.00E+00	2.55E+00	4.76E-07	2.55E+00	2.80E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
MB520A	1.74E-03	3.26E-01	1.30E-02	3.12E-01	0.00E+00	0.00E+00	1.80E+00	3.47E-06	8.78E-04	2.81E-03	0.00E+00	-3.90E-03	3.28E-10	1.05E-08	1.19E-02	5.11E-01	0.00E+00	0.00E+00	1.43E+00	5.14E-02	2.55E+00	0.00E+00	2.06E-08	1.03E-08	7.46E-04	1.27E-06	2.52E-01	0.00E+00	2.55E+00	2.98E-07	2.55E+00	2.81E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	5.12E+01
MB525A	2.20E-03	3.33E-01	1.39E-02	3.22E-01	0.00E+00	0.00E+00	1.90E+00	3.56E-06	1.05E-03	2.90E-03	0.00E+00	-3.91E-03	3.49E-10	1.28E-08	1.23E-02	5.80E-01	0.00E+00	0.00E+00	1.54E+00	5.16E-02	2.63E+00	0.00E+00	2.10E-08	1.09E-08	7.57E-04	1.27E-06	2.71E-01	0.00E+00	2.63E+00	2.86E-07	2.63E+00	2.89E+00	2.71E-01	0.00E+00	0.00E+00	0.00E+00	5.58E+01

MB532A	2.79E-03	3.34E-01	1.69E-02	3.21E-01	0.00E+00	0.00E+00	2.10E+00	3.81E-06	1.48E-03	2.91E-03	0.00E+00	-3.90E-03	3.82E-10	1.62E-08	1.34E-02	6.68E-01	0.00E+00	0.00E+00	1.78E+00	5.15E-02	2.94E+00	0.00E+00	2.40E-08	1.30E-08	8.10E-04	1.27E-06	3.14E-01	0.00E+00	2.94E+00	2.72E-07	2.94E+00	3.29E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	6.45E+01
MB563A	4.13E-03	4.12E-01	1.95E-02	3.91E-01	0.00E+00	0.00E+00	2.42E+00	4.52E-06	2.46E-03	3.54E-03	0.00E+00	-3.94E-03	4.56E-10	2.74E-08	1.48E-02	8.24E-01	0.00E+00	0.00E+00	2.09E+00	5.20E-02	3.26E+00	0.00E+00	2.61E-08	1.42E-08	1.04E-03	1.29E-06	3.64E-01	0.00E+00	3.26E+00	7.64E-07	3.26E+00	3.60E+00	3.64E-01	0.00E+00	0.00E+00	0.00E+00	7.68E+01
MBA150	1.59E-03	2.02E-01	6.36E-03	1.95E-01	0.00E+00	0.00E+00	1.13E+00	2.10E-06	9.32E-04	1.74E-03	0.00E+00	-2.06E-04	2.04E-10	1.05E-08	6.97E-03	3.77E-01	0.00E+00	0.00E+00	9.30E-01	2.90E-03	1.61E+00	0.00E+00	1.32E-08	6.98E-09	4.82E-04	7.59E-08	1.68E-01	0.00E+00	1.61E+00	2.58E-07	1.61E+00	1.82E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
MBA163	1.79E-03	1.70E-01	6.87E-03	1.66E-01	0.00E+00	0.00E+00	1.10E+00	1.93E-06	1.11E-03	1.60E-03	0.00E+00	-1.66E-04	2.05E-10	1.22E-08	6.30E-03	3.62E-01	0.00E+00	0.00E+00	9.39E-01	2.22E-03	1.44E+00	0.00E+00	1.17E-08	6.76E-09	4.84E-04	6.07E-08	1.68E-01	0.00E+00	1.44E+00	2.43E-07	1.44E+00	1.61E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
MBA232	2.48E-03	3.52E-01	1.22E-02	3.36E-01	0.00E+00	0.00E+00	2.08E+00	3.98E-06	1.12E-03	3.14E-03	0.00E+00	-3.40E-04	3.64E-10	1.35E-08	1.44E-02	6.54E-01	0.00E+00	0.00E+00	1.69E+00	4.34E-03	3.09E+00	0.00E+00	2.58E-08	1.27E-08	9.30E-04	1.37E-07	3.04E-01	0.00E+00	3.09E+00	6.12E-07	3.09E+00	3.50E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	6.10E+01
MBN006	6.66E-04	1.51E-01	4.45E-03	1.47E-01	0.00E+00	0.00E+00	8.29E-01	1.56E-06	2.80E-04	1.31E-03	0.00E+00	-1.05E-04	1.47E-10	3.50E-09	5.41E-03	2.16E-01	0.00E+00	0.00E+00	6.33E-01	1.44E-03	1.16E+00	0.00E+00	9.35E-09	4.56E-09	3.42E-04	4.52E-08	1.12E-01	0.00E+00	1.16E+00	2.37E-07	1.16E+00	1.27E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.25E+01
MBN010	6.88E-04	1.56E-01	4.31E-03	1.50E-01	0.00E+00	0.00E+00	8.78E-01	1.65E-06	2.85E-04	1.38E-03	0.00E+00	-7.50E-05	1.57E-10	3.59E-09	5.72E-03	2.22E-01	0.00E+00	0.00E+00	6.53E-01	1.00E-03	1.19E+00	0.00E+00	9.48E-09	4.72E-09	3.48E-04	3.61E-08	1.15E-01	0.00E+00	1.19E+00	2.62E-07	1.19E+00	1.31E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.37E+01
MBN013	7.52E-04	1.52E-01	4.40E-03	1.48E-01	0.00E+00	0.00E+00	8.95E-01	1.73E-06	3.32E-04	1.34E-03	0.00E+00	-7.26E-05	1.66E-10	4.12E-09	5.73E-03	2.33E-01	0.00E+00	0.00E+00	7.01E-01	9.75E-04	1.25E+00	0.00E+00	9.93E-09	4.90E-09	3.55E-04	3.56E-08	1.22E-01	0.00E+00	1.25E+00	2.69E-07	1.25E+00	1.37E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
MBN016	7.49E-04	1.52E-01	4.38E-03	1.48E-01	0.00E+00	0.00E+00	8.90E-01	1.72E-06	3.31E-04	1.34E-03	0.00E+00	-7.26E-05	1.62E-10	4.11E-09	5.71E-03	2.32E-01	0.00E+00	0.00E+00	6.91E-01	9.75E-04	1.24E+00	0.00E+00	9.89E-09	4.87E-09	3.54E-04	3.56E-08	1.21E-01	0.00E+00	1.24E+00	2.66E-07	1.24E+00	1.36E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
MBN020	8.07E-04	1.56E-01	4.59E-03	1.51E-01	0.00E+00	0.00E+00	9.03E-01	1.73E-06	3.74E-04	1.37E-03	0.00E+00	-7.28E-05	1.67E-10	4.45E-09	5.75E-03	2.43E-01	0.00E+00	0.00E+00	7.06E-01	9.75E-04	1.25E+00	0.00E+00	9.99E-09	5.02E-09	3.68E-04	3.61E-08	1.24E-01	0.00E+00	1.25E+00	2.66E-07	1.25E+00	1.37E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MBN025	9.68E-04	1.58E-01	4.86E-03	1.54E-01	0.00E+00	0.00E+00	9.74E-01	1.85E-06	4.89E-04	1.41E-03	0.00E+00	-7.26E-05	1.81E-10	5.74E-09	6.08E-03	2.69E-01	0.00E+00	0.00E+00	7.76E-01	9.90E-04	1.33E+00	0.00E+00	1.06E-08	5.35E-09	3.83E-04	3.63E-08	1.35E-01	0.00E+00	1.33E+00	2.69E-07	1.33E+00	1.46E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+01
MBN032	1.63E-03	1.98E-01	6.10E-03	1.92E-01	0.00E+00	0.00E+00	1.08E+00	1.99E-06	9.56E-04	1.76E-03	0.00E+00	-8.04E-05	2.10E-10	1.04E-08	6.69E-03	3.58E-01	0.00E+00	0.00E+00	9.23E-01	1.16E-03	1.51E+00	0.00E+00	1.23E-08	6.70E-09	4.94E-04	4.10E-08	1.64E-01	0.00E+00	1.51E+00	2.56E-07	1.51E+00	1.68E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
MBN040	1.64E-03	1.98E-01	6.17E-03	1.92E-01	0.00E+00	0.00E+00	1.09E+00	2.00E-06	9.62E-04	1.76E-03	0.00E+00	-8.10E-05	2.10E-10	1.05E-08	6.71E-03	3.63E-01	0.00E+00	0.00E+00	9.30E-01	1.17E-03	1.53E+00	0.00E+00	1.24E-08	6.83E-09	4.95E-04	4.11E-08	1.66E-01	0.00E+00	1.53E+00	2.56E-07	1.53E+00	1.70E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MBN106	6.61E-04	1.51E-01	4.54E-03	1.47E-01	0.00E+00	0.00E+00	8.24E-01	1.55E-06	2.80E-04	1.31E-03	0.00E+00	-1.31E-04	1.43E-10	3.49E-09	5.33E-03	2.11E-01	0.00E+00	0.00E+00	6.17E-01	1.74E-03	1.14E+00	0.00E+00	9.19E-09	4.46E-09	3.39E-04	5.37E-08	1.10E-01	0.00E+00	1.14E+00	2.21E-07	1.14E+00	1.25E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
MBN106A	6.75E-04	1.57E-01	4.46E-03	1.51E-01	0.00E+00	0.00E+00	8.79E-01	1.59E-06	2.83E-04	1.40E-03	0.00E+00	-1.08E-04	1.51E-10	3.60E-09	5.72E-03	2.18E-01	0.00E+00	0.00E+00	6.55E-01	1.39E-03	1.19E+00	0.00E+00	9.65E-09	4.60E-09	3.48E-04	4.63E-08	1.16E-01	0.00E+00	1.19E+00	2.26E-07	1.19E+00	1.32E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.31E+01
MBN106E	6.61E-04	1.51E-01	4.54E-03	1.47E-01	0.00E+00	0.00E+00	8.24E-01	1.55E-06	2.80E-04	1.31E-03	0.00E+00	-1.31E-04	1.43E-10	3.49E-09	5.33E-03	2.11E-01	0.00E+00	0.00E+00	6.17E-01	1.74E-03	1.14E+00	0.00E+00	9.19E-09	4.46E-09	3.39E-04	5.37E-08	1.10E-01	0.00E+00	1.14E+00	2.21E-07	1.14E+00	1.25E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
MBN106W	6.67E-04	1.50E-01	4.34E-03	1.46E-01	0.00E+00	0.00E+00	8.27E-01	1.57E-06	2.81E-04	1.30E-03	0.00E+00	-1.15E-04	1.46E-10	3.51E-09	5.41E-03	2.13E-01	0.00E+00	0.00E+00	6.30E-01	1.48E-03	1.16E+00	0.00E+00	9.32E-09	4.52E-09	3.39E-04	4.90E-08	1.11E-01	0.00E+00	1.16E+00	2.39E-07	1.16E+00	1.27E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
MBN110	5.80E-04	1.42E-01	3.84E-03	1.38E-01	0.00E+00	0.00E+00	7.05E-01	1.34E-06	2.38E-04	1.22E-03	0.00E+00	-1.00E-04	1.29E-10	2.89E-09	4.52E-03	1.81E-01	0.00E+00	0.00E+00	5.44E-01	1.34E-03	1.01E+00	0.00E+00	8.23E-09	4.02E-09	3.13E-04	4.27E-08	9.62E-02	0.00E+00	1.01E+00	2.08E-07	1.01E+00	1.11E+00	9.62E-02	0.00E+00	0.00E+00	0.00E+00	1.94E+01
MBN110E	5.65E-04	1.41E-01	2.99E-03	1.38E-01	0.00E+00	0.00E+00	6.95E-01	1.28E-06	2.33E-04	1.22E-03	0.00E+00	3.76E-20	7.98E-11	2.81E-09	4.48E-03	1.78E-01	0.00E+00	0.00E+00	5.10E-01	1.53E-05	9.84E-01	0.00E+00	8.11E-09	3.90E-09	3.11E-04	1.09E-08	9.28E-02	0.00E+00	9.84E-01	1.93E-07	9.84E-01	1.08E+00	9.28E-02	0.00E+00	0.00E+00	0.00E+00	1.79E+01
MBN110W	5.99E-04	1.42E-01	3.76E-03	1.38E-01	0.00E+00	0.00E+00	7.17E-01	1.38E-06	2.46E-04	1.23E-03	0.00E+00	-9.48E-05	1.26E-10	2.96E-09	4.67E-03	1.88E-01	0.00E+00	0.00E+00	5.56E-01	1.26E-03	1.05E+00	0.00E+00	8.56E-09	4.18E-09	3.19E-04	4.05E-08	9.87E-02	0.00E+00	1.05E+00	2.29E-07	1.05E+00	1.15E+00	9.87E-02	0.00E+00	0.00E+00	0.00E+00	1.98E+01
MBN113	6.40E-04	1.41E-01	3.85E-03	1.38E-01	0.00E+00	0.00E+00	7.15E-01	1.36E-06	2.80E-04	1.22E-03	0.00E+00	-4.80E-05	1.22E-10	3.43E-09	4.64E-03	1.89E-01	0.00E+00	0.00E+00	5.47E-01	6.73E-04	1.04E+00	0.00E+00	8.45E-09	4.12E-09	3.16E-04	2.74E-08	9.77E-02	0.00E+00	1.04E+00	2.12E-07	1.04E+00	1.14E+00	9.77E-02	0.00E+00	0.00E+00	0.00E+00	1.94E+01
MBN113E	7.44E-04	1.51E-01	4.29E-03	1.47E-01	0.00E+00	0.00E+00	8.69E-01	1.68E-06	3.30E-04	1.33E-03	0.00E+00	-6.95E-05	1.62E-10	4.06E-09	5.60E-03	2.29E-01	0.00E+00	0.00E+00	6.83E-01	9.33E-04	1.22E+00	0.00E+00	9.73E-09	4.81E-09	3.52E-04	3.44E-08	1.19E-01	0.00E+00	1.22E+00	2.63E-07	1.22E+00	1.34E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
MBN116E	7.43E-04	1.51E-01	4.34E-03	1.47E-01	0.00E+00	0.00E+00	8.59E-01	1.66E-06	3.31E-04	1.33E-03	0.00E+00	-7.26E-05	1.59E-10	4.07E-09	5.58E-03	2.28E-01	0.00E+00	0.00E+00	6.51E-01	9.72E-04	1.18E+00	0.00E+00	9.41E-09	4.79E-09	3.51E-04	3.54E-08	1.15E-01	0.00E+00	1.18E+00	2.59E-07	1.18E+00	1.30E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
MBN116W	6.10E-04	1.42E-01	3.92E-03	1.38E-01	0.00E+00	0.00E+00	7.18E-01	1.38E-06	2.56E-04	1.23E-03	0.00E+00	-8.47E-05	1.26E-10	3.05E-09	4.67E-03	1.88E-01	0.00E+00	0.00E+00	5.57E-01	1.18E-03	1.05E+00	0.00E+00	8.56E-09	4.18E-09	3.19E-04	3.89E-08	9.89E-02	0.00E+00	1.05E+00	2.29E-07	1.05E+00	1.15E+00	9.89E-02	0.00E+00	0.00E+00	0.00E+00	1.98E+01
MBN120	6.48E-04	1.39E-01	3.49E-03	1.35E-01	0.00E+00	0.00E+00	7.27E-01	1.36E-06	2.91E-04	1.21E-03	0.00E+00	-4.21E-05	1.19E-10	3.45E-09	4.63E-03	1.91E-01	0.00E+00	0.00E+00	5.43E-01	5.70E-04	1.04E+00	0.00E+00	8.45E-09	4.12E-09	3.16E-04	2.43E-08	9.82E-02	0.00E+00	1.04E+00	2.12E-07	1.04E+00	1.14E+00	9.82E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+01
MBN120E	7.97E-04	1.54E-01	4.56E-03	1.49E-01	0.00E+00	0.00E+00	8.93E-01	1.71E-06	3.72E-04	1.36E-03	0.00E+00	-7.27E-05	1.66E-10	4.39E-09	5.71E-03	2.36E-01	0.00E+00	0.00E+00	7.00E-01	9.73E-04	1.24E+00	0.00E+00	9.92E-09	4.89E-09	3.64E-04	3.60E-08	1.22E-01	0.00E+00	1.24E+00	2.64E-07	1.24E+00	1.36E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
MBN125	9.62E-04	1.57E-01	4.81E-03	1.52E-01	0.00E+00	0.00E+00	9.51E-01	1.82E-06	4.86E-04	1.40E-03	0.00E+00	-7.26E-05	1.79E-10	5.72E-09	5.96E-03	2.64E-01	0.00E+00	0.00E+00	7.63E-01	9.76E-04	1.31E+00	0.00E+00	1.04E-08	5.28E-09	3.80E-04	3.59E-08	1.33E-01	0.00E+00	1.31E+00	2.66E-07	1.31E+00	1.44E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MBN125A	9.71E-04	1.62E-01	4.98E-03	1.57E-01	0.00E+00	0.00E+00	9.86E-01	1.89E-06	4.87E-04	1.44E-03	0.00E+00	-7.23E-05	1.82E-10	5.79E-09	6.16E-03	2.70E-01	0.00E+00	0.00E+00	7.88E-01	9.75E-04	1.34E+00	0.00E+00	1.07E-08	5.39E-09	3.89E-04	3.69E-08	1.38E-01	0.00E+00	1.34E+00	2.67E-07	1.34E+00	1.48E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MBN125E	9.62E-04	1.57E-01	4.81E-03	1.52E-01	0.00E+00	0.00E+00	9.51E-01	1.82E-06	4.86E-04	1.40E-03	0.00E+00	-7.26E-05	1.79E-10	5.72E-09	5.96E-03	2.64E-01	0.00E+00	0.00E+00	7.63E-01	9.76E-04	1.31E+00	0.00E+00	1.04E-08	5.28E-09	3.80E-04	3.59E-08	1.33E-01	0.00E+00	1.31E+00	2.66E-07	1.31E+00	1.44E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MBN125W	9.76E-04	1.62E-01	4.81E-03	1.55E-01	0.00E+00	0.00E+00	9.84E-01	1.84E-06	4.87E-04	1.45E-03	0.00E+00	-7.40E-05	1.77E-10	5.76E-09	6.20E-03	2.64E-01	0.00E+00	0.00E+00	7.55E-01	9.92E-04	1.30E+00	0.00E+00	1.05E-08	5.35E-09	3.84E-04	3.73E-08	1.35E-01	0.00E+00	1.30E+00	2.67E-07	1.30E+00	1.44E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
MBN132	1.62E-03	1.98E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.55E-04	1.76E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.66E-03	3.57E-01	0.00E+00	0.00E+00	9.18E-01	1.03E-03	1.51E+00	0.00E+00	1.23E-08	6.67E-09	4.97E-04	3.90E-08	1.62E-01	0.00E+00	1.51E+00	2.53E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MBN132A	1.62E-03	2.00E-01	6.09E-03	1.93E-01	0.00E+00	0.00E+00	1.10E+00	2.00E-06	9.42E-04	1.75E-03	0.00E+00	-8.10E-05	2.10E-10	1.04E-08	6.78E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.11E-03	1.53E+00	0.00E+00	1.24E-08	6.68E-09	4.94E-04	4.10E-08	1.65E-01	0.00E+00	1.53E+00	2.48E-07	1.53E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
MBN132E	1.62E-03	1.98E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.55E-04	1.76E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.66E-03	3.57E-01	0.00E+00	0.00E+00	9.18E-01	1.03E-03	1.51E+00	0.00E+00	1.23E-08	6.67E-09	4.97E-04	3.90E-08	1.62E-01	0.00E+00	1.51E+00	2.53E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MBN132W	1.63E-03	1.94E-01	6.06E-03	1.88E-01	0.00E+00	0.00E+00	1.11E+00	2.01E-06	9.54E-04	1.75E-03	0.00E+00	-8.13E-05	2.06E-10	1.05E-08	6.91E-03	3.53E-01	0.00E+00	0.00E+00	9.19E-01	1.08E-03	1.51E+00	0.00E+00	1.24E-08	6.72E-09	4.93E-04	3.97E-08	1.64E-01	0.00E+00	1.51E+00	7.16E-07	1.51E+00	1.68E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
MBN140	1.63E-03	1.96E-01	6.15E-03	1.91E-01	0.00E+00	0.00E+00	1.08E+00	1.97E-06	9.55E-04	1.76E-03	0.00E+00	-7.73E-05	2.09E-10	1.05E-08	6.68E-03	3.62E-01	0.00E+00	0.00E+00	9.26E-01	1.03E-03	1.53E+00	0.00E+00	1.24E-08	6.81E-09	4.98E-04	3.93E-08	1.65E-01	0.00E+00	1.53E+00	2.55E-07	1.53E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
MBN140A	1.63E-03	2.00E-01	6.09E-03	1.93E-01	0.00E+00	0.00E+00	1.09E+00	2.00E-06	9.51E-04	1.75E-03	0.00E+00	-8.10E-05	2.10E-10	1.04E-08	6.78E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.11E-03	1.53E+00	0.00E+00	1.24E-08	6.68E-09	4.95E-04	4.10E-08	1.65E-01	0.00E+00	1.53E+00	2.48E-07	1.53E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
MBN140E	1.64E-03	1.98E-01	6.16E-03	1.93E-01	0.00E+00	0.00E+00	1.09E+00	1.98E-06	9.61E-04	1.78E-03	0.00E+00	-7.89E-05	2.09E-10	1.05E-08	6.69E-03	3.64E-01	0.00E+00	0.00E+00	9.30E-01	1.07E-03	1.53E+00	0.00E+00	1.25E-08	6.83E-09	5.00E-04	4.02E-08	1.66E-01	0.00E+00	1.53E+00	2.54E-07	1.53E+00	1.69E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MBN140W	1.63E-03	1.94E-01	6.13E-03	1.88E-01	0.00E+00	0.00E+00	1.12E+00	2.03E-06	9.55E-04	1.75E-03	0.00E+00	-8.15E-05	2.06E-10	1.05E-08	6.92E-03	3.58E-01	0.00E+00	0.00E+00	9.25E-01	1.09E-03	1.52E+00	0.00E+00	1.24E-08	6.85E-09	4.94E-04	3.98E-08	1.66E-01	0.00E+00	1.52E+00	7.13E-07	1.52E+00	1.70E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MBN150	1.91E-03	2.06E-01	7.13E-03	1.99E-01	0.00E+00	0.00E+00	1.21E+00	2.25E-06	1.13E-03	1.85E-03	0.00E+00	-1.12E-04	2.31E-10	1.22E-08	7.31E-03	4.11E-01	0.00E+00	0.00E+00	1.06E+00	1.51E-03	1.66E+00	0.00E+00	1.34E-08	7.36E-09	5.36E-04	5.11E-08	1.85E-01	0.00E+00	1.66E+00	2.64E-07	1.66E+00	1.84E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
MBN150E	1.91E-03	2.06E-01	7.13E-03	1.99E-01	0.00E+00	0.00E+00	1.21E+00	2.25E-06	1.13E-03	1.85E-03	0.00E+00	-1.12E-04	2.31E-10	1.22E-08	7.31E-03	4.11E-01	0.00E+00	0.00E+00	1.06E+00	1.51E-03	1.66E+00	0.00E+00	1.34E-08	7.36E-09	5.36E-04	5.11E-08	1.85E-01	0.00E+00	1.66E+00	2.64E-07	1.66E+00	1.84E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
MBN150W	1.91E-03	2.05E-01	7.13E-03	1.99E-01	0.00E+00	0.00E+00	1.21E+00	2.24E-06	1.13E-03	1.83E-03	0.00E+00	-1.13E-04	2.31E-10	1.22E-08	7.30E-03	4.11E-01	0.00E+00	0.00E+00	1.04E+00	1.52E-03	1.65E+00	0.00E+00	1.33E-08	7.32E-09	5.33E-04	5.20E-08	1.84E-01	0.00E+00	1.65E+00	2.64E-07	1.65E+00	1.83E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.87E+01
MBN163	1.94E-03	2.07E-01	7.17E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.27E-06	1.20E-03	1.86E-03	0.00E+00	-1.13E-04	2.40E-10	1.28E-08	7.33E-03	4.12E-01	0.00E+00	0.00E+00	1.07E+00	1.55E-03	1.67E+00	0.00E+00	1.34E-08	7.42E-09	5.37E-04	5.12E-08	1.87E-01	0.00E+00	1.67E+00	2.69E-07	1.67E+00	1.86E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
MBN163A	1.86E-03	2.10E-01	6.92E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.22E-06	1.21E-03	1.88E-03	0.00E+00	-1.14E-04	2.37E-10	1.27E-08	7.51E-03	4.03E-01	0.00E+00	0.00E+00	1.05E+00	1.57E-03	1.62E+00	0.00E+00	1.33E-08	7.20E-09	5.41E-04	5.00E-08	1.86E-01	0.00E+00	1.62E+00	2.55E-07	1.62E+00	1.81E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
MBN163E	1.94E-03	2.07E-01	7.17E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.27E-06	1.19E-03	1.86E-03	0.00E+00	-1.14E-04	2.40E-10	1.28E-08	7.33E-03	4.12E-01	0.00E+00	0.00E+00	1.07E+00	1.56E-03	1.67E+00	0.00E+00	1.34E-08	7.42E-09	5.38E-04	5.18E-08	1.87E-01	0.00E+00	1.67E+00	2.70E-07	1.67E+00	1.86E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
MBN163W	1.94E-03	2.07E-01	7.17E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.27E-06	1.21E-03	1.86E-03	0.00E+00	-1.13E-04	2.41E-10	1.28E-08	7.33E-03	4.11E-01	0.00E+00	0.00E+00	1.07E+00	1.57E-03	1.66E+00	0.00E+00	1.34E-08	7.42E-09	5.40E-04	5.13E-08	1.87E-01	0.00E+00	1.66E+00	2.69E-07	1.66E+00	1.85E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
MBN206	1.26E-03	3.00E-01	8.38E-03	2.93E-01	0.00E+00	0.00E+00	1.67E+00	3.23E-06	5.46E-04	2.63E-03	0.00E+00	-2.11E-04	2.92E-10	6.84E-09	1.11E-02	4.33E-01	0.00E+00	0.00E+00	1.27E+00	2.75E-03	2.34E+00	0.00E+00	1.86E-08	9.02E-09	6.71E-04	8.41E-08	2.25E-01	0.00E+00	2.34E+00	6.59E-07	2.34E+00	2.54E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.52E+01
MBN206E	1.32E-03	2.99E-01	8.61E-03	2.91E-01	0.00E+00	0.00E+00	1.65E+00	3.09E-06	5.59E-04	2.60E-03	0.00E+00	-2.03E-04	2.86E-10	6.97E-09	1.10E-02	4.28E-01	0.00E+00	0.00E+00	1.23E+00	2.72E-03	2.28E+00	0.00E+00	1.84E-08	8.91E-09	6.74E-04	8.89E-08	2.20E-01	0.00E+00	2.28E+00	4.46E-07	2.28E+00	2.50E+00	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.38E+01
MBN210	1.34E-03	2.96E-01	8.28E-03	2.90E-01	0.00E+00	0.00E+00	1.68E+00	3.26E-06	6.03E-04	2.61E-03	0.00E+00	-1.53E-04	3.03E-10	7.31E-09	1.12E-02	4.39E-01	0.00E+00	0.00E+00	1.30E+00	1.99E-03	2.39E+00	0.00E+00	1.88E-08	9.23E-09	6.77E-04	7.00E-08	2.28E-01	0.00E+00	2.39E+00	7.16E-07	2.39E+00	2.59E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	4.66E+01
MBN210E	1.34E-03	2.97E-01	8.28E-03	2.89E-01	0.00E+00	0.00E+00	1.68E+00	3.21E-06	5.64E-04	2.60E-03	0.00E+00	-1.45E-04	3.07E-10	7.08E-09	1.12E-02	4.38E-01	0.00E+00	0.00E+00	1.29E+00	1.95E-03	2.35E+00	0.00E+00	1.88E-08	9.18E-09	6.79E-04	7.04E-08	2.27E-01	0.00E+00	2.35E+00	4.98E-07	2.35E+00	2.58E+00	2.27E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
MBN213	1.52E-03	3.01E-01	8.50E-03	2.93E-01	0.00E+00	0.00E+00	1.70E+00	3.28E-06	6.58E-04	2.64E-03	0.00E+00	-1.49E-04	3.10E-10	8.28E-09	1.13E-02	4.48E-01	0.00E+00	0.00E+00	1.33E+00	1.99E-03	2.41E+00	0.00E+00	1.92E-08	9.49E-09	6.88E-04	7.08E-08	2.32E-01	0.00E+00	2.41E+00	5.01E-07	2.41E+00	2.64E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.77E+01
MBN213E	1.53E-03	3.00E-01	8.89E-03	2.90E-01	0.00E+00	0.00E+00	1.74E+00	3.36E-06	6.97E-04	2.66E-03	0.00E+00	-1.53E-04	3.24E-10	8.50E-09	1.14E-02	4.87E-01	0.00E+00	0.00E+00	1.37E+00	1.99E-03	2.47E+00	0.00E+00	1.96E-08	9.78E-09	7.31E-04	7.04E-08	2.42E-01	0.00E+00	2.47E+00	7.40E-07	2.47E+00	2.68E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.92E+01
MBN216	1.58E-03	3.02E-01	8.57E-03	2.92E-01	0.00E+00	0.00E+00	1.74E+00	3.32E-06	7.12E-04	2.64E-03	0.00E+00	-1.48E-04	3.22E-10	8.89E-09	1.15E-02	4.61E-01	0.00E+00	0.00E+00	1.35E+00	1.96E-03	2.42E+00	0.00E+00	1.93E-08	9.59E-09	7.01E-04	7.03E-08	2.37E-01	0.00E+00	2.42E+00	4.98E-07	2.42E+00	2.66E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
MBN216A	1.98E-03	3.10E-01	9.66E-03	3.02E-01	0.00E+00	0.00E+00	1.99E+00	3.75E-06	8.31E-04	2.74E-03	0.00E+00	-1.75E-04	3.49E-10	9.78E-09	1.29E-02	5.46E-01	0.00E+00	0.00E+00	1.66E+00	2.43E-03	2.91E+00	0.00E+00	2.36E-08	1.18E-08	7.59E-04	8.33E-08	2.91E-01	0.00E+00	2.91E+00	7.19E-07	2.91E+00	3.23E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	5.85E+01
MBN216E	1.47E-03	3.01E-01	8.58E-03	2.92E-01	0.00E+00	0.00E+00	1.73E+00	3.30E-06	6.59E-04	2.64E-03	0.00E+00	-1.45E-04	3.17E-10	8.09E-09	1.14E-02	4.59E-01	0.00E+00	0.00E+00	1.34E+00	1.95E-03	2.41E+00	0.00E+00	1.92E-08	9.47E-09	6.96E-04	7.07E-08	2.35E-01	0.00E+00	2.41E+00	5.00E-07	2.41E+00	2.64E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MBN220	1.73E-03	3.03E-01	9.01E-03	2.94E-01	0.00E+00	0.00E+00	1.74E+00	3.32E-06	8.36E-04	2.66E-03	0.00E+00	-1.49E-04	3.24E-10	1.01E-08	1.14E-02	4.94E-01	0.00E+00	0.00E+00	1.39E+00	1.98E-03	2.45E+00	0.00E+00	1.96E-08	9.77E-09	7.28E-04	7.09E-08	2.44E-01	0.00E+00	2.45E+00	4.60E-07	2.45E+00	2.68E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
MBN220A	2.02E-03	3.10E-01	9.82E-03	3.01E-01	0.00E+00	0.00E+00	2.02E+00	3.76E-06	8.91E-04	2.75E-03	0.00E+00	-1.76E-04	3.59E-10	1.05E-08	1.29E-02	5.48E-01	0.00E+00	0.00E+00	1.67E+00	2.47E-03	2.94E+00	0.00E+00	2.38E-08	1.20E-08	7.85E-04	8.44E-08	2.93E-01	0.00E+00	2.94E+00	7.25E-07	2.94E+00	3.26E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.90E+01
MBN220E	1.73E-03	3.03E-01	8.99E-03	2.93E-01	0.00E+00	0.00E+00	1.73E+00	3.32E-06	8.34E-04	2.66E-03	0.00E+00	-1.50E-04	3.23E-10	1.01E-08	1.14E-02	4.94E-01	0.00E+00	0.00E+00	1.39E+00	2.01E-03	2.45E+00	0.00E+00	1.96E-08	9.76E-09	7.27E-04	7.25E-08	2.44E-01	0.00E+00	2.45E+00	4.60E-07	2.45E+00	2.68E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	5.02E+01
MBN225	1.90E-03	3.17E-01	1.00E-02	3.08E-01	0.00E+00	0.00E+00	1.85E+00	3.50E-06	9.77E-04	2.79E-03	0.00E+00	-1.99E-04	3.42E-10	1.15E-08	1.19E-02	5.26E-01	0.00E+00	0.00E+00	1.48E+00	2.65E-03	2.54E+00	0.00E+00	2.02E-08	1.02E-08	7.57E-04	8.85E-08	2.59E-01	0.00E+00	2.54E+00	4.42E-07	2.54E+00	2.79E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.36E+01
MBN225A	2.01E-03	3.17E-01	9.96E-03	3.06E-01	0.00E+00	0.00E+00	2.01E+00	3.76E-06	9.79E-04	2.83E-03	0.00E+00	-1.62E-04	3.59E-10	1.15E-08	1.29E-02	5.54E-01	0.00E+00	0.00E+00	1.68E+00	2.32E-03	2.95E+00	0.00E+00	2.38E-08	1.21E-08	7.92E-04	8.36E-08	2.95E-01	0.00E+00	2.95E+00	4.81E-07	2.95E+00	3.27E+00	2.95E-01	0.00E+00	0.00E+00	0.00E+00	5.97E+01
MBN225E	1.90E-03	3.17E-01	1.00E-02	3.08E-01	0.00E+00	0.00E+00	1.85E+00	3.50E-06	9.77E-04	2.79E-03	0.00E+00	-1.99E-04	3.42E-10	1.15E-08	1.19E-02	5.26E-01	0.00E+00	0.00E+00	1.48E+00	2.65E-03	2.54E+00	0.00E+00	2.02E-08	1.02E-08	7.57E-04	8.85E-08	2.59E-01	0.00E+00	2.54E+00	4.42E-07	2.54E+00	2.79E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.36E+01
MBN232	3.21E-03	3.89E-01	1.22E-02	3.76E-01	0.00E+00	0.00E+00	2.12E+00	4.10E-06	1.87E-03	3.40E-03	0.00E+00	-1.75E-04	4.15E-10	2.06E-08	1.43E-02	7.17E-01	0.00E+00	0.00E+00	1.83E+00	2.31E-03	3.11E+00	0.00E+00	2.54E-08	1.31E-08	9.79E-04	8.44E-08	3.25E-01	0.00E+00	3.11E+00	6.88E-07	3.11E+00	3.46E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.71E+01
MBN232A	3.23E-03	3.95E-01	1.22E-02	3.77E-01	0.00E+00	0.00E+00	2.16E+00	3.89E-06	1.91E-03	3.49E-03	0.00E+00	-1.64E-04	4.19E-10	2.09E-08	1.37E-02	7.14E-01	0.00E+00	0.00E+00	1.84E+00	2.31E-03	2.99E+00	0.00E+00	2.44E-08	1.32E-08	9.81E-04	8.36E-08	3.22E-01	0.00E+00	2.99E+00	4.84E-07	2.99E+00	3.32E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
MBN232E	3.21E-03	3.89E-01	1.21E-02	3.75E-01	0.00E+00	0.00E+00	2.09E+00	4.03E-06	1.86E-03	3.39E-03	0.00E+00	-1.65E-04	4.15E-10	2.06E-08	1.42E-02	7.14E-01	0.00E+00	0.00E+00	1.82E+00	2.22E-03	3.10E+00	0.00E+00	2.53E-08	1.31E-08	9.81E-04	8.26E-08	3.23E-01	0.00E+00	3.10E+00	4.48E-07	3.10E+00	3.43E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.70E+01
MBN240	3.22E-03	3.92E-01	1.27E-02	3.84E-01	0.00E+00	0.00E+00	2.12E+00	4.12E-06	1.87E-03	3.44E-03	0.00E+00	-2.40E-04	4.17E-10	2.07E-08	1.44E-02	7.19E-01	0.00E+00	0.00E+00	1.84E+00	3.10E-03	3.14E+00	0.00E+00	2.57E-08	1.32E-08	9.89E-04	1.05E-07	3.27E-01	0.00E+00	3.14E+00	6.80E-07	3.14E+00	3.48E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
MBN240A	3.25E-03	3.98E-01	1.28E-02	3.85E-01	0.00E+00	0.00E+00	2.17E+00	3.96E-06	1.91E-03	3.52E-03	0.00E+00	-2.39E-04	4.21E-10	2.09E-08	1.37E-02	7.21E-01	0.00E+00	0.00E+00	1.85E+00	3.16E-03	3.05E+00	0.00E+00	2.48E-08	1.33E-08	9.92E-04	1.06E-07	3.28E-01	0.00E+00	3.05E+00	6.81E-07	3.05E+00	3.37E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
MBN240E	3.22E-03	3.90E-01	1.27E-02	3.77E-01	0.00E+00	0.00E+00	2.12E+00	4.12E-06	1.87E-03	3.40E-03	0.00E+00	-2.48E-04	4.17E-10	2.07E-08	1.43E-02	7.18E-01	0.00E+00	0.00E+00	1.84E+00	3.29E-03	3.12E+00	0.00E+00	2.54E-08	1.32E-08	9.79E-04	1.07E-07	3.27E-01	0.00E+00	3.12E+00	6.87E-07	3.12E+00	3.47E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
MBN250	3.81E-03	4.04E-01	1.43E-02	3.88E-01	0.00E+00	0.00E+00	2.40E+00	4.36E-06	2.32E-03	3.60E-03	0.00E+00	-2.54E-04	4.55E-10	2.54E-08	1.49E-02	8.17E-01	0.00E+00	0.00E+00	2.02E+00	3.23E-03	3.29E+00	0.00E+00	2.64E-08	1.41E-08	1.00E-03	1.07E-07	3.54E-01	0.00E+00	3.29E+00	7.15E-07	3.29E+00	3.65E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
MBN250A	3.78E-03	4.05E-01	1.42E-02	3.90E-01	0.00E+00	0.00E+00	2.42E+00	4.38E-06	2.31E-03	3.59E-03	0.00E+00	-2.40E-04	4.54E-10	2.52E-08	1.46E-02	8.14E-01	0.00E+00	0.00E+00	2.02E+00	3.31E-03	3.24E+00	0.00E+00	2.61E-08	1.40E-08	1.00E-03	1.07E-07	3.54E-01	0.00E+00	3.24E+00	4.99E-07	3.24E+00	3.59E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.41E+01
MBN250E	3.81E-03	4.05E-01	1.43E-02	3.88E-01	0.00E+00	0.00E+00	2.40E+00	4.37E-06	2.32E-03	3.60E-03	0.00E+00	-2.54E-04	4.55E-10	2.54E-08	1.49E-02	8.17E-01	0.00E+00	0.00E+00	2.02E+00	3.23E-03	3.29E+00	0.00E+00	2.65E-08	1.41E-08	1.00E-03	1.07E-07	3.54E-01	0.00E+00	3.29E+00	7.16E-07	3.29E+00	3.65E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
MBN263	3.92E-03	4.04E-01	1.44E-02	3.88E-01	0.00E+00	0.00E+00	2.41E+00	4.43E-06	2.35E-03	3.60E-03	0.00E+00	-2.67E-04	4.60E-10	2.59E-08	1.49E-02	8.17E-01	0.00E+00	0.00E+00	2.04E+00	3.51E-03	3.30E+00	0.00E+00	2.66E-08	1.41E-08	1.01E-03	1.16E-07	3.56E-01	0.00E+00	3.30E+00	7.33E-07	3.30E+00	3.67E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.51E+01
MBN263A	3.82E-03	4.00E-01	1.42E-02	3.87E-01	0.00E+00	0.00E+00	2.42E+00	4.41E-06	2.34E-03	3.57E-03	0.00E+00	-2.76E-04	4.57E-10	2.53E-08	1.46E-02	8.10E-01	0.00E+00	0.00E+00	2.03E+00	4.00E-03	3.26E+00	0.00E+00	2.62E-08	1.41E-08	1.01E-03	1.36E-07	3.53E-01	0.00E+00	3.26E+00	7.11E-07	3.26E+00	3.60E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
MBN263E	3.86E-03	4.04E-01	1.43E-02	3.88E-01	0.00E+00	0.00E+00	2.38E+00	4.40E-06	2.31E-03	3.59E-03	0.00E+00	-2.50E-04	4.61E-10	2.54E-08	1.48E-02	8.18E-01	0.00E+00	0.00E+00	2.04E+00	3.40E-03	3.30E+00	0.00E+00	2.66E-08	1.41E-08	1.01E-03	1.13E-07	3.56E-01	0.00E+00	3.30E+00	4.67E-07	3.30E+00	3.66E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.53E+01
MBN306	2.16E-03	4.44E-01	1.27E-02	4.31E-01	0.00E+00	0.00E+00	2.49E+00	4.71E-06	8.61E-04	3.88E-03	0.00E+00	-2.76E-04	4.41E-10	1.09E-08	1.65E-02	6.55E-01	0.00E+00	0.00E+00	1.88E+00	3.74E-03	3.45E+00	0.00E+00	2.77E-08	1.36E-08	1.01E-03	1.28E-07	3.34E-01	0.00E+00	3.45E+00	6.97E-07	3.45E+00	3.80E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
MBN306A	2.17E-03	4.47E-01	1.27E-02	4.36E-01	0.00E+00	0.00E+00	2.55E+00	4.78E-06	8.34E-04	3.95E-03	0.00E+00	-2.44E-04	4.53E-10	1.07E-08	1.67E-02	6.60E-01	0.00E+00	0.00E+00	1.93E+00	3.35E-03	3.53E+00	0.00E+00	2.84E-08	1.37E-08	1.02E-03	1.18E-07	3.43E-01	0.00E+00	3.53E+00	6.92E-07	3.53E+00	3.89E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
MBN306E	1.97E-03	4.47E-01	1.27E-02	4.35E-01	0.00E+00	0.00E+00	2.47E+00	4.63E-06	8.38E-04	3.89E-03	0.00E+00	-2.76E-04	4.29E-10	1.04E-08	1.64E-02	6.41E-01	0.00E+00	0.00E+00	1.85E+00	3.69E-03	3.41E+00	0.00E+00	2.74E-08	1.33E-08	1.01E-03	1.24E-07	3.29E-01	0.00E+00	3.41E+00	6.66E-07	3.41E+00	3.74E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
MBN310	2.01E-03	4.45E-01	1.24E-02	4.32E-01	0.00E+00	0.00E+00	2.51E+00	4.81E-06	8.45E-04	3.89E-03	0.00E+00	-2.18E-04	4.60E-10	1.06E-08	1.67E-02	6.55E-01	0.00E+00	0.00E+00	1.94E+00	2.92E-03	3.52E+00	0.00E+00	2.81E-08	1.37E-08	1.02E-03	1.05E-07	3.40E-01	0.00E+00	3.52E+00	7.43E-07	3.52E+00	3.86E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.93E+01
MBN310A	2.18E-03	4.51E-01	1.28E-02	4.39E-01	0.00E+00	0.00E+00	2.61E+00	4.95E-06	9.27E-04	4.00E-03	0.00E+00	-2.25E-04	4.76E-10	1.14E-08	1.72E-02	6.66E-01	0.00E+00	0.00E+00	2.00E+00	3.08E-03	3.62E+00	0.00E+00	2.90E-08	1.41E-08	1.06E-03	1.10E-07	3.54E-01	0.00E+00	3.62E+00	7.51E-07	3.62E+00	3.97E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.14E+01
MBN310E	2.01E-03	4.45E-01	1.24E-02	4.32E-01	0.00E+00	0.00E+00	2.51E+00	4.81E-06	8.45E-04	3.89E-03	0.00E+00	-2.18E-04	4.60E-10	1.06E-08	1.67E-02	6.55E-01	0.00E+00	0.00E+00	1.94E+00	2.92E-03	3.52E+00	0.00E+00	2.81E-08	1.37E-08	1.02E-03	1.05E-07	3.40E-01	0.00E+00	3.52E+00	7.43E-07	3.52E+00	3.86E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.93E+01
MBN313	2.11E-03	4.49E-01	1.35E-02	4.34E-01	0.00E+00	0.00E+00	2.56E+00	4.91E-06	8.89E-04	3.92E-03	0.00E+00	-2.19E-04	4.71E-10	1.13E-08	1.69E-02	6.80E-01	0.00E+00	0.00E+00	1.96E+00	2.91E-03	3.56E+00	0.00E+00	2.84E-08	1.40E-08	1.04E-03	1.06E-07	3.44E-01	0.00E+00	3.56E+00	7.61E-07	3.56E+00	3.91E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
MBN313E	2.12E-03	4.52E-01	1.28E-02	4.39E-01	0.00E+00	0.00E+00	2.59E+00	4.94E-06	8.95E-04	3.95E-03	0.00E+00	-2.18E-04	4.81E-10	1.14E-08	1.71E-02	6.81E-01	0.00E+00	0.00E+00	2.01E+00	2.93E-03	3.62E+00	0.00E+00	2.88E-08	1.41E-08	1.05E-03	1.06E-07	3.53E-01	0.00E+00	3.62E+00	7.51E-07	3.62E+00	3.97E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	7.20E+01
MBN316	2.21E-03	4.50E-01	1.29E-02	4.37E-01	0.00E+00	0.00E+00	2.59E+00	4.94E-06	9.88E-04	3.95E-03	0.00E+00	-2.18E-04	4.74E-10	1.21E-08	1.70E-02	6.87E-01	0.00E+00	0.00E+00	2.01E+00	2.93E-03	3.60E+00	0.00E+00	2.87E-08	1.42E-08	1.04E-03	1.06E-07	3.53E-01	0.00E+00	3.60E+00	7.45E-07	3.60E+00	3.95E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	7.20E+01

MBN316A	2.58E-03	4.55E-01	1.31E-02	4.43E-01	0.00E+00	0.00E+00	2.64E+00	4.99E-06	1.11E-03	4.03E-03	0.00E+00	-2.28E-04	4.81E-10	1.37E-08	1.72E-02	7.02E-01	0.00E+00	0.00E+00	2.03E+00	3.07E-03	3.64E+00	0.00E+00	2.91E-08	1.44E-08	1.07E-03	1.11E-07	3.58E-01	0.00E+00	3.64E+00	7.47E-07	3.64E+00	4.00E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
MBN316E	1.87E-03	4.09E-01	1.03E-02	3.99E-01	0.00E+00	0.00E+00	2.16E+00	4.03E-06	8.25E-04	3.57E-03	0.00E+00	-1.26E-04	3.54E-10	9.89E-09	1.41E-02	5.71E-01	0.00E+00	0.00E+00	1.60E+00	1.71E-03	3.07E+00	0.00E+00	2.49E-08	1.21E-08	9.29E-04	7.25E-08	2.90E-01	0.00E+00	3.07E+00	6.17E-07	3.07E+00	3.36E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.66E+01
MBN320	2.45E-03	4.58E-01	1.35E-02	4.44E-01	0.00E+00	0.00E+00	2.69E+00	5.14E-06	1.16E-03	4.03E-03	0.00E+00	-2.18E-04	5.03E-10	1.40E-08	1.75E-02	7.29E-01	0.00E+00	0.00E+00	2.12E+00	2.93E-03	3.71E+00	0.00E+00	2.96E-08	1.48E-08	1.08E-03	1.07E-07	3.71E-01	0.00E+00	3.71E+00	7.58E-07	3.71E+00	4.08E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MBN320A	2.70E-03	4.61E-01	1.44E-02	4.46E-01	0.00E+00	0.00E+00	2.72E+00	5.07E-06	1.24E-03	4.06E-03	0.00E+00	-2.14E-04	5.02E-10	1.49E-08	1.75E-02	7.32E-01	0.00E+00	0.00E+00	2.13E+00	2.96E-03	3.63E+00	0.00E+00	2.93E-08	1.48E-08	1.08E-03	1.10E-07	3.72E-01	0.00E+00	3.63E+00	2.88E-07	3.63E+00	4.04E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	7.65E+01
MBN320E	2.45E-03	4.58E-01	1.35E-02	4.44E-01	0.00E+00	0.00E+00	2.69E+00	5.14E-06	1.16E-03	4.03E-03	0.00E+00	-2.18E-04	5.03E-10	1.40E-08	1.75E-02	7.29E-01	0.00E+00	0.00E+00	2.12E+00	2.93E-03	3.71E+00	0.00E+00	2.96E-08	1.48E-08	1.08E-03	1.07E-07	3.71E-01	0.00E+00	3.71E+00	7.58E-07	3.71E+00	4.08E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MBN325	2.85E-03	4.74E-01	1.48E-02	4.60E-01	0.00E+00	0.00E+00	2.83E+00	5.31E-06	1.46E-03	4.18E-03	0.00E+00	-2.76E-04	5.21E-10	1.71E-08	1.80E-02	7.88E-01	0.00E+00	0.00E+00	2.22E+00	3.69E-03	3.81E+00	0.00E+00	3.04E-08	1.54E-08	1.13E-03	1.26E-07	3.91E-01	0.00E+00	3.81E+00	7.05E-07	3.81E+00	4.20E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	8.02E+01
MBN325A	2.97E-03	4.88E-01	1.58E-02	4.69E-01	0.00E+00	0.00E+00	2.88E+00	5.27E-06	1.54E-03	4.24E-03	0.00E+00	-2.49E-04	5.29E-10	1.78E-08	1.82E-02	7.84E-01	0.00E+00	0.00E+00	2.24E+00	3.31E-03	3.76E+00	0.00E+00	3.03E-08	1.55E-08	1.13E-03	1.17E-07	3.94E-01	0.00E+00	3.76E+00	2.78E-07	3.76E+00	4.17E+00	3.94E-01	0.00E+00	0.00E+00	0.00E+00	8.08E+01
MBN325E	2.85E-03	4.74E-01	1.48E-02	4.60E-01	0.00E+00	0.00E+00	2.83E+00	5.31E-06	1.46E-03	4.18E-03	0.00E+00	-2.76E-04	5.21E-10	1.71E-08	1.80E-02	7.88E-01	0.00E+00	0.00E+00	2.22E+00	3.69E-03	3.81E+00	0.00E+00	3.04E-08	1.54E-08	1.13E-03	1.26E-07	3.91E-01	0.00E+00	3.81E+00	7.05E-07	3.81E+00	4.20E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	8.02E+01
MBN332	4.83E-03	5.82E-01	1.80E-02	5.64E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.86E-03	5.19E-03	0.00E+00	-2.29E-04	6.24E-10	3.12E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	3.07E-03	4.46E+00	0.00E+00	3.64E-08	1.97E-08	1.47E-03	1.17E-07	4.83E-01	0.00E+00	4.46E+00	7.23E-07	4.46E+00	4.95E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MBN332A	4.92E-03	5.94E-01	1.84E-02	5.76E-01	0.00E+00	0.00E+00	3.22E+00	5.82E-06	2.86E-03	5.28E-03	0.00E+00	-2.46E-04	6.35E-10	3.13E-08	2.08E-02	1.08E+00	0.00E+00	0.00E+00	2.76E+00	3.35E-03	4.50E+00	0.00E+00	3.67E-08	1.99E-08	1.50E-03	1.42E-07	4.93E-01	0.00E+00	4.50E+00	7.17E-07	4.50E+00	4.99E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MBN332E	4.83E-03	5.82E-01	1.80E-02	5.64E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.86E-03	5.19E-03	0.00E+00	-2.29E-04	6.24E-10	3.12E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	3.07E-03	4.46E+00	0.00E+00	3.64E-08	1.97E-08	1.47E-03	1.17E-07	4.83E-01	0.00E+00	4.46E+00	7.23E-07	4.46E+00	4.95E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MBN340	4.83E-03	5.80E-01	1.90E-02	5.61E-01	0.00E+00	0.00E+00	3.17E+00	5.80E-06	2.85E-03	5.16E-03	0.00E+00	-3.59E-04	6.24E-10	3.12E-08	2.01E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	4.79E-03	4.45E+00	0.00E+00	3.63E-08	1.97E-08	1.46E-03	1.58E-07	4.82E-01	0.00E+00	4.45E+00	7.07E-07	4.45E+00	4.93E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MBN340A	4.94E-03	5.92E-01	1.98E-02	5.75E-01	0.00E+00	0.00E+00	3.41E+00	6.09E-06	2.87E-03	5.27E-03	0.00E+00	-3.75E-04	6.37E-10	3.15E-08	2.20E-02	1.08E+00	0.00E+00	0.00E+00	2.75E+00	4.97E-03	4.51E+00	0.00E+00	3.67E-08	2.00E-08	1.49E-03	1.68E-07	4.93E-01	0.00E+00	4.51E+00	7.17E-07	4.51E+00	4.98E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MBN340E	4.83E-03	5.80E-01	1.90E-02	5.61E-01	0.00E+00	0.00E+00	3.17E+00	5.80E-06	2.85E-03	5.16E-03	0.00E+00	-3.59E-04	6.24E-10	3.12E-08	2.01E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	4.79E-03	4.45E+00	0.00E+00	3.63E-08	1.97E-08	1.46E-03	1.58E-07	4.82E-01	0.00E+00	4.45E+00	7.07E-07	4.45E+00	4.93E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MBN350	5.73E-03	6.02E-01	2.20E-02	5.81E-01	0.00E+00	0.00E+00	3.56E+00	6.34E-06	3.49E-03	5.43E-03	0.00E+00	-3.42E-04	6.84E-10	3.79E-08	2.18E-02	1.23E+00	0.00E+00	0.00E+00	3.13E+00	4.54E-03	4.60E+00	0.00E+00	3.72E-08	2.18E-08	1.59E-03	1.55E-07	5.50E-01	0.00E+00	4.60E+00	2.89E-07	4.60E+00	5.14E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MBN350A	5.75E-03	6.12E-01	2.17E-02	5.90E-01	0.00E+00	0.00E+00	3.62E+00	6.60E-06	3.51E-03	5.51E-03	0.00E+00	-3.63E-04	6.89E-10	3.80E-08	2.21E-02	1.23E+00	0.00E+00	0.00E+00	3.13E+00	4.86E-03	4.90E+00	0.00E+00	3.97E-08	2.19E-08	1.60E-03	1.72E-07	5.52E-01	0.00E+00	4.90E+00	7.50E-07	4.90E+00	5.47E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MBN350E	5.71E-03	6.05E-01	2.12E-02	5.84E-01	0.00E+00	0.00E+00	3.61E+00	6.61E-06	3.48E-03	5.43E-03	0.00E+00	-3.42E-04	6.87E-10	3.78E-08	2.20E-02	1.22E+00	0.00E+00	0.00E+00	3.11E+00	4.57E-03	4.88E+00	0.00E+00	3.93E-08	2.17E-08	1.58E-03	1.55E-07	5.48E-01	0.00E+00	4.88E+00	7.42E-07	4.88E+00	5.43E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
MBN363	5.80E-03	6.08E-01	2.16E-02	5.87E-01	0.00E+00	0.00E+00	3.64E+00	6.68E-06	3.54E-03	5.47E-03	0.00E+00	-3.60E-04	7.16E-10	3.84E-08	2.22E-02	1.24E+00	0.00E+00	0.00E+00	3.21E+00	4.76E-03	4.84E+00	0.00E+00	3.91E-08	2.20E-08	1.60E-03	1.68E-07	5.62E-01	0.00E+00	4.84E+00	7.71E-07	4.84E+00	5.41E+00	5.62E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MBN363A	5.80E-03	6.14E-01	2.18E-02	5.94E-01	0.00E+00	0.00E+00	3.67E+00	6.73E-06	3.54E-03	5.54E-03	0.00E+00	-3.63E-04	7.17E-10	3.84E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.21E+00	4.88E-03	4.95E+00	0.00E+00	3.99E-08	2.21E-08	1.61E-03	1.74E-07	5.62E-01	0.00E+00	4.95E+00	7.70E-07	4.95E+00	5.50E+00	5.62E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MBN363E	5.78E-03	6.09E-01	2.14E-02	5.88E-01	0.00E+00	0.00E+00	3.65E+00	6.73E-06	3.52E-03	5.47E-03	0.00E+00	-3.42E-04	7.14E-10	3.83E-08	2.22E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	4.57E-03	4.93E+00	0.00E+00	3.96E-08	2.20E-08	1.59E-03	1.55E-07	5.57E-01	0.00E+00	4.93E+00	7.65E-07	4.93E+00	5.49E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MBN406	2.85E-03	5.93E-01	1.69E-02	5.79E-01	0.00E+00	0.00E+00	3.33E+00	6.30E-06	1.12E-03	5.19E-03	0.00E+00	-3.58E-04	5.95E-10	1.42E-08	2.17E-02	8.73E-01	0.00E+00	0.00E+00	2.53E+00	4.64E-03	4.70E+00	0.00E+00	3.78E-08	1.82E-08	1.36E-03	1.60E-07	4.51E-01	0.00E+00	4.70E+00	9.86E-07	4.70E+00	5.17E+00	4.51E-01	0.00E+00	0.00E+00	0.00E+00	9.24E+01
MBN406E	2.83E-03	5.91E-01	1.68E-02	5.77E-01	0.00E+00	0.00E+00	3.28E+00	6.21E-06	1.11E-03	5.17E-03	0.00E+00	-3.59E-04	5.90E-10	1.42E-08	2.15E-02	8.76E-01	0.00E+00	0.00E+00	2.46E+00	4.66E-03	4.62E+00	0.00E+00	3.71E-08	1.81E-08	1.36E-03	1.60E-07	4.40E-01	0.00E+00	4.62E+00	9.00E-07	4.62E+00	5.05E+00	4.40E-01	0.00E+00	0.00E+00	0.00E+00	8.88E+01
MBN410	2.78E-03	5.98E-01	1.69E-02	5.81E-01	0.00E+00	0.00E+00	3.42E+00	6.51E-06	1.24E-03	5.25E-03	0.00E+00	-2.93E-04	6.08E-10	1.53E-08	2.25E-02	8.73E-01	0.00E+00	0.00E+00	2.57E+00	3.92E-03	4.75E+00	0.00E+00	3.80E-08	1.82E-08	1.37E-03	1.48E-07	4.57E-01	0.00E+00	4.75E+00	1.00E-06	4.75E+00	5.21E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	9.30E+01
MBN410E	2.78E-03	5.98E-01	1.69E-02	5.81E-01	0.00E+00	0.00E+00	3.42E+00	6.51E-06	1.24E-03	5.25E-03	0.00E+00	-2.93E-04	6.08E-10	1.53E-08	2.25E-02	8.73E-01	0.00E+00	0.00E+00	2.57E+00	3.92E-03	4.75E+00	0.00E+00	3.80E-08	1.82E-08	1.37E-03	1.48E-07	4.57E-01	0.00E+00	4.75E+00	1.00E-06	4.75E+00	5.21E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	9.30E+01
MBN413	2.94E-03	6.01E-01	1.74E-02	5.84E-01	0.00E+00	0.00E+00	3.47E+00	6.63E-06	1.35E-03	5.29E-03	0.00E+00	-2.92E-04	6.30E-10	1.62E-08	2.27E-02	9.28E-01	0.00E+00	0.00E+00	2.70E+00	3.91E-03	4.86E+00	0.00E+00	3.86E-08	1.90E-08	1.39E-03	1.42E-07	4.73E-01	0.00E+00	4.86E+00	1.01E-06	4.86E+00	5.31E+00	4.73E-01	0.00E+00	0.00E+00	0.00E+00	9.65E+01
MBN413E	2.94E-03	6.03E-01	1.75E-02	5.85E-01	0.00E+00	0.00E+00	3.47E+00	6.63E-06	1.35E-03	5.30E-03	0.00E+00	-2.93E-04	6.31E-10	1.62E-08	2.27E-02	9.31E-01	0.00E+00	0.00E+00	2.70E+00	3.92E-03	4.86E+00	0.00E+00	3.87E-08	1.90E-08	1.39E-03	1.42E-07	4.73E-01	0.00E+00	4.86E+00	1.01E-06	4.86E+00	5.31E+00	4.73E-01	0.00E+00	0.00E+00	0.00E+00	9.67E+01
MBN416	2.96E-03	6.03E-01	1.75E-02	5.85E-01	0.00E+00	0.00E+00	3.48E+00	6.62E-06	1.38E-03	5.32E-03	0.00E+00	-2.78E-04	6.36E-10	1.69E-08	2.25E-02	9.44E-01	0.00E+00	0.00E+00	2.74E+00	3.71E-03	4.85E+00	0.00E+00	3.86E-08	1.91E-08	1.40E-03	1.46E-07	4.80E-01	0.00E+00	4.85E+00	1.00E-06	4.85E+00	5.31E+00	4.80E-01	0.00E+00	0.00E+00	0.00E+00	9.77E+01
MBN416E	2.95E-03	6.02E-01	1.72E-02	5.85E-01	0.00E+00	0.00E+00	3.45E+00	6.60E-06	1.32E-03	5.28E-03	0.00E+00	-2.91E-04	6.33E-10	1.62E-08	2.28E-02	9.18E-01	0.00E+00	0.00E+00	2.68E+00	3.90E-03	4.82E+00	0.00E+00	3.85E-08	1.90E-08	1.39E-03	1.41E-07	4.71E-01	0.00E+00	4.82E+00	1.00E-06	4.82E+00	5.29E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.62E+01
MBN420	3.14E-03	6.13E-01	1.89E-02	5.95E-01	0.00E+00	0.00E+00	3.60E+00	6.92E-06	1.48E-03	5.41E-03	0.00E+00	-2.74E-04	6.76E-10	1.81E-08	2.29E-02	9.90E-01	0.00E+00	0.00E+00	2.85E+00	3.63E-03	4.99E+00	0.00E+00	3.97E-08	1.98E-08	1.45E-03	1.38E-07	4.99E-01	0.00E+00	4.99E+00	3.04E-07	4.99E+00	5.48E+00	4.99E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MBN420E	3.20E-03	6.12E-01	1.90E-02	5.94E-01	0.00E+00	0.00E+00	3.59E+00	6.77E-06	1.49E-03	5.40E-03	0.00E+00	-2.87E-04	6.71E-10	1.81E-08	2.30E-02	9.84E-01	0.00E+00	0.00E+00	2.82E+00	3.84E-03	4.97E+00	0.00E+00	3.97E-08	1.98E-08	1.45E-03	1.41E-07	4.97E-01	0.00E+00	4.97E+00	3.04E-07	4.97E+00	5.48E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MBN425	4.46E-03	6.34E-01	1.98E-02	6.13E-01	0.00E+00	0.00E+00	3.77E+00	7.06E-06	2.39E-03	5.57E-03	0.00E+00	-3.79E-04	6.91E-10	2.70E-08	2.40E-02	1.09E+00	0.00E+00	0.00E+00	2.94E+00	4.98E-03	5.09E+00	0.00E+00	4.07E-08	2.05E-08	1.51E-03	1.74E-07	5.18E-01	0.00E+00	5.09E+00	9.44E-07	5.09E+00	5.62E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MBN425E	3.81E-03	6.35E-01	2.01E-02	6.15E-01	0.00E+00	0.00E+00	3.78E+00	7.09E-06	1.94E-03	5.59E-03	0.00E+00	-4.07E-04	6.95E-10	2.28E-08	2.40E-02	1.05E+00	0.00E+00	0.00E+00	2.97E+00	5.43E-03	5.10E+00	0.00E+00	4.08E-08	2.06E-08	1.51E-03	1.81E-07	5.23E-01	0.00E+00	5.10E+00	9.46E-07	5.10E+00	5.62E+00	5.23E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MBN432	6.31E-03	7.97E-01	2.42E-02	7.70E-01	0.00E+00	0.00E+00	4.29E+00	7.82E-06	3.76E-03	7.06E-03	0.00E+00	-3.14E-04	8.34E-10	4.09E-08	2.73E-02	1.43E+00	0.00E+00	0.00E+00	3.70E+00	4.29E-03	6.07E+00	0.00E+00	4.93E-08	2.66E-08	1.98E-03	1.85E-07	6.58E-01	0.00E+00	6.07E+00	9.70E-07	6.07E+00	6.71E+00	6.58E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MBN432E	6.31E-03	7.97E-01	2.44E-02	7.70E-01	0.00E+00	0.00E+00	4.30E+00	7.95E-06	3.75E-03	7.06E-03	0.00E+00	-3.14E-04	8.34E-10	4.09E-08	2.75E-02	1.43E+00	0.00E+00	0.00E+00	3.70E+00	4.29E-03	6.12E+00	0.00E+00	4.93E-08	2.67E-08	1.98E-03	1.85E-07	6.60E-01	0.00E+00	6.12E+00	9.78E-07	6.12E+00	6.71E+00	6.60E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MBN440	6.35E-03	7.78E-01	2.59E-02	7.54E-01	0.00E+00	0.00E+00	4.25E+00	7.70E-06	3.77E-03	6.94E-03	0.00E+00	-4.53E-04	8.34E-10	4.11E-08	2.70E-02	1.43E+00	0.00E+00	0.00E+00	3.66E+00	6.21E-03	5.97E+00	0.00E+00	4.87E-08	2.63E-08	1.96E-03	2.10E-07	6.45E-01	0.00E+00	5.97E+00	2.88E-07	5.97E+00	6.63E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MBN440E	6.38E-03	7.80E-01	2.53E-02	7.55E-01	0.00E+00	0.00E+00	4.25E+00	7.80E-06	3.77E-03	6.95E-03	0.00E+00	-4.74E-04	8.34E-10	4.12E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.67E+00	6.43E-03	5.97E+00	0.00E+00	4.87E-08	2.63E-08	1.96E-03	2.16E-07	6.52E-01	0.00E+00	5.97E+00	9.60E-07	5.97E+00	6.63E+00	6.52E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MBN450	7.71E-03	8.18E-01	2.85E-02	7.92E-01	0.00E+00	0.00E+00	4.88E+00	8.96E-06	4.61E-03	7.36E-03	0.00E+00	-4.53E-04	9.28E-10	5.12E-08	2.97E-02	1.67E+00	0.00E+00	0.00E+00	4.21E+00	6.15E-03	6.60E+00	0.00E+00	5.31E-08	2.93E-08	2.14E-03	2.17E-07	7.43E-01	0.00E+00	6.60E+00	1.01E-06	6.60E+00	7.37E+00	7.43E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MBN450E	7.74E-03	8.23E-01	2.85E-02	7.96E-01	0.00E+00	0.00E+00	4.90E+00	8.98E-06	4.61E-03	7.40E-03	0.00E+00	-4.53E-04	9.31E-10	5.13E-08	2.99E-02	1.67E+00	0.00E+00	0.00E+00	4.23E+00	6.14E-03	6.63E+00	0.00E+00	5.34E-08	2.94E-08	2.15E-03	2.19E-07	7.49E-01	0.00E+00	6.63E+00	1.01E-06	6.63E+00	7.39E+00	7.49E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MBN463	7.75E-03	8.21E-01	2.86E-02	7.95E-01	0.00E+00	0.00E+00	4.91E+00	9.05E-06	4.65E-03	7.40E-03	0.00E+00	-4.54E-04	9.55E-10	5.16E-08	2.98E-02	1.68E+00	0.00E+00	0.00E+00	4.27E+00	6.15E-03	6.63E+00	0.00E+00	5.34E-08	2.95E-08	2.14E-03	2.20E-07	7.49E-01	0.00E+00	6.63E+00	1.03E-06	6.63E+00	7.42E+00	7.49E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+02
MBN463E	7.80E-03	8.33E-01	2.89E-02	8.02E-01	0.00E+00	0.00E+00	4.97E+00	9.22E-06	4.66E-03	7.47E-03	0.00E+00	-4.54E-04	9.61E-10	5.18E-08	3.02E-02	1.68E+00	0.00E+00	0.00E+00	4.33E+00	6.14E-03	6.73E+00	0.00E+00	5.38E-08	2.97E-08	2.17E-03	2.20E-07	7.62E-01	0.00E+00	6.73E+00	1.04E-06	6.73E+00	7.46E+00	7.62E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MBN506	1.27E-03	2.98E-01	8.36E-03	2.92E-01	0.00E+00	0.00E+00	1.66E+00	3.25E-06	5.51E-04	2.62E-03	0.00E+00	-1.91E-04	2.85E-10	6.84E-09	1.11E-02	4.34E-01	0.00E+00	0.00E+00	1.25E+00	2.44E-03	2.35E+00	0.00E+00	1.85E-08	9.01E-09	6.79E-04	8.10E-08	2.23E-01	0.00E+00	2.35E+00	7.12E-07	2.35E+00	2.54E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	4.47E+01
MBN506E	1.32E-03	2.99E-01	8.61E-03	2.90E-01	0.00E+00	0.00E+00	1.65E+00	3.09E-06	5.62E-04	2.60E-03	0.00E+00	-2.03E-04	2.78E-10	6.99E-09	1.10E-02	4.28E-01	0.00E+00	0.00E+00	1.22E+00	2.72E-03	2.28E+00	0.00E+00	1.84E-08	8.89E-09	6.74E-04	8.89E-08	2.19E-01	0.00E+00	2.28E+00	4.39E-07	2.28E+00	2.50E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	4.32E+01
MBN510	1.35E-03	2.96E-01	8.27E-03	2.90E-01	0.00E+00	0.00E+00	1.67E+00	3.28E-06	6.29E-04	2.61E-03	0.00E+00	-1.54E-04	2.98E-10	7.49E-09	1.11E-02	4.40E-01	0.00E+00	0.00E+00	1.28E+00	2.00E-03	2.39E+00	0.00E+00	1.87E-08	9.17E-09	6.79E-04	7.11E-08	2.27E-01	0.00E+00	2.39E+00	7.26E-07	2.39E+00	2.58E+00	2.27E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
MBN510E	1.34E-03	2.96E-01	8.24E-03	2.88E-01	0.00E+00	0.00E+00	1.67E+00	3.18E-06	5.64E-04	2.59E-03	0.00E+00	-1.45E-04	2.93E-10	7.07E-09	1.11E-02	4.36E-01	0.00E+00	0.00E+00	1.27E+00	1.95E-03	2.34E+00	0.00E+00	1.88E-08	9.12E-09	6.77E-04	7.04E-08	2.24E-01	0.00E+00	2.34E+00	4.87E-07	2.34E+00	2.57E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.51E+01
MBN513E	1.57E-03	3.04E-01	8.52E-03	2.95E-01	0.00E+00	0.00E+00	1.75E+00	3.36E-06	7.16E-04	2.66E-03	0.00E+00	-1.45E-04	3.17E-10	8.66E-09	1.16E-02	4.57E-01	0.00E+00	0.00E+00	1.36E+00	1.93E-03	2.44E+00	0.00E+00	1.95E-08	9.75E-09	6.96E-04	7.08E-08	2.37E-01	0.00E+00	2.44E+00	4.84E-07	2.44E+00	2.69E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MBN516	1.37E-03	2.77E-01	7.65E-03	2.71E-01	0.00E+00	0.00E+00	1.53E+00	2.92E-06	6.38E-04	2.40E-03	0.00E+00	-1.07E-04	2.62E-10	7.93E-09	9.83E-03	4.09E-01	0.00E+00	0.00E+00	1.19E+00	1.47E-03	2.12E+00	0.00E+00	1.74E-08	8.63E-09	6.49E-04	5.88E-08	2.11E-01	0.00E+00	2.12E+00	3.84E-07	2.12E+00	2.36E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	4.23E+01
MBN516E	1.47E-03	3.00E-01	8.54E-03	2.91E-01	0.00E+00	0.00E+00	1.72E+00	3.27E-06	6.60E-04	2.63E-03	0.00E+00	-1.45E-04	3.03E-10	8.09E-09	1.14E-02	4.57E-01	0.00E+00	0.00E+00	1.31E+00	1.95E-03	2.40E+00	0.00E+00	1.92E-08	9.40E-09	6.94E-04	7.07E-08	2.33E-01	0.00E+00	2.40E+00	4.88E-07	2.40E+00	2.63E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	4.69E+01
MBN520	1.77E-03	3.07E-01	9.18E-03	2.98E-01	0.00E+00	0.00E+00	1.76E+00	3.36E-06	9.03E-04	2.70E-03	0.00E+00	-1.49E-04	3.21E-10	1.05E-08	1.16E-02	5.03E-01	0.00E+00	0.00E+00	1.41E+00	1.99E-03	2.49E+00	0.00E+00	1.99E-08	9.99E-09	7.35E-04	7.36E-08	2.47E-01	0.00E+00	2.49E+00	4.43E-07	2.49E+00	2.73E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.05E+01
MBN520E	1.76E-03	3.06E-01	9.08E-03	2.96E-01	0.00E+00	0.00E+00	1.79E+00	3.36E-06	8.69E-04	2.70E-03	0.00E+00	-1.45E-04	3.19E-10	1.03E-08	1.17E-02	4.98E-01	0.00E+00	0.00E+00	1.39E+00	1.95E-03	2.48E+00	0.00E+00	1.99E-08	9.95E-09	7.27E-04	7.12E-08	2.47E-01	0.00E+00	2.48E+00	4.82E-07	2.48E+00	2.72E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MBN525	2.01E-03	3.18E-01	1.01E-02	3.08E-01	0.00E+00	0.00E+00	1.84E+00	3.47E-06	1.06E-03	2.79E-03	0.00E+00	-1.98E-04	3.33E-10	1.23E-08	1.19E-02	5.37E-01	0.00E+00	0.00E+00	1.47E+00	2.66E-03	2.55E+00	0.00E+00	2.04E-08	1.03E-08	7.59E-04	8.84E-08	2.59E-01	0.00E+00	2.55E+00	4.45E-07	2.55E+00	2.80E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.29E+01
MBN525E	2.02E-03	3.17E-01	1.01E-02	3.07E-01	0.00E+00	0.00E+00	1.88E+00	3.48E-06	1.07E-03	2.80E-03	0.00E+00	-2.03E-04	3.30E-10	1.24E-08	1.20E-02	5.37E-01	0.00E+00	0.00E+00	1.46E+00	2.72E-03	2.54E+00	0.00E+00	2.05E-08	1.04E-08	7.62E-04	9.05E-08	2.60E-01	0.00E+00	2.54E+00	4.45E-07	2.54E+00	2.80E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.25E+01
MBN532	3.23E-03	3.89E-01	1.21E-02	3.79E-01	0.00E+00	0.00E+00	2.10E+00	3.85E-06	1.90E-03	3.46E-03	0.00E+00	-1.64E-04	3.96E-10	2.08E-08	1.33E-02	7.17E-01	0.00E+00	0.00E+00	1.80E+00	2.19E-03	3.01E+00	0.00E+00	2.47E-08	1.32E-08	9.93E-04	8.28E-08	3.23E-01	0.00E+00	3.01E+00	4.62E-07	3.01E+00	3.33E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.54E+01
MBN532E	3.22E-03	3.87E-01	1.19E-02	3.75E-01	0.00E+00	0.00E+00	2.10E+00	3.81E-06	1.90E-03	3.45E-03	0.00E+00	-1.52E-04	3.93E-10	2.08E-08	1.34E-02	7.10E-01	0.00E+00	0.00E+00	1.78E+00	2.05E-03	2.96E+00	0.00E+00	2.42E-08	1.30E-08	9.75E-04	7.77E-08	3.17E-01	0.00E+00	2.96E+00	4.65E-07	2.96E+00	3.28E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.47E+01
MBN540	3.23E-03	3.88E-01	1.27E-02	3.77E-01	0.00E+00	0.00E+00	2.13E+00	3.97E-06	1.91E-03	3.46E-03	0.00E+00	-2.40E-04	4.17E-10	2.09E-08	1.35E-02	7.17E-01	0.00E+00	0.00E+00	1.83E+00	3.23E-03	3.03E+00	0.00E+00	2.46E-08	1.32E-08	9.81E-04	1.05E-07	3.25E-01	0.00E+00	3.03E+00	6.98E-07	3.03E+00	3.37E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.69E+01
MBN540E	3.22E-03	3.87E-01	1.27E-02	3.75E-01	0.00E+00	0.00E+00	2.12E+00	3.87E-06	1.90E-03	3.45E-03	0.00E+00	-2.39E-04	4.16E-10	2.08E-08	1.34E-02	7.14E-01	0.00E+00	0.00E+00	1.82E+00	3.19E-03	2.98E+00	0.00E+00	2.42E-08	1.31E-08	9.76E-04	1.05E-07	3.22E-01	0.00E+00	2.98E+00	4.74E-07	2.98E+00	3.30E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MBN550	3.97E-03	4.05E-01	1.41E-02	3.91E-01	0.00E+00	0.00E+00	2.41E+00	4.39E-06	2.37E-03	3.64E-03	0.00E+00	-2.54E-04	4.59E-10	2.64E-08	1.47E-02	8.16E-01	0.00E+00	0.00E+00	2.08E+00	3.26E-03	3.28E+00	0.00E+00	2.63E-08	1.46E-08	1.06E-03	1.08E-07	3.66E-01	0.00E+00	3.28E+00	7.21E-07	3.28E+00	3.65E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.61E+01
MBN550E	3.82E-03	4.05E-01	1.46E-02	3.90E-01	0.00E+00	0.00E+00	2.41E+00	4.41E-06	2.33E-03	3.63E-03	0.00E+00	-2.86E-04	4.58E-10	2.53E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.08E+00	3.81E-03	3.26E+00	0.00E+00	2.63E-08	1.45E-08	1.06E-03	1.22E-07	3.66E-01	0.00E+00	3.26E+00	4.92E-07	3.26E+00	3.63E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MBN563	4.06E-03	4.05E-01	1.42E-02	3.91E-01	0.00E+00	0.00E+00	2.42E+00	4.47E-06	2.40E-03	3.65E-03	0.00E+00	-2.60E-04	4.64E-10	2.66E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.11E+00	3.43E-03	3.29E+00	0.00E+00	2.64E-08	1.46E-08	1.06E-03	1.13E-07	3.69E-01	0.00E+00	3.29E+00	7.31E-07	3.29E+00	3.66E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+01
MBN563E	3.86E-03	4.07E-01	1.43E-02	3.93E-01	0.00E+00	0.00E+00	2.44E+00	4.49E-06	2.35E-03	3.66E-03	0.00E+00	-2.28E-04	4.77E-10	2.56E-08	1.48E-02	8.27E-01	0.00E+00	0.00E+00	2.13E+00	3.05E-03	3.30E+00	0.00E+00	2.65E-08	1.47E-08	1.06E-03	1.04E-07	3.72E-01	0.00E+00	3.30E+00	5.13E-07	3.30E+00	3.67E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	7.83E+01
MBN606	2.71E-03	5.96E-01	1.69E-02	5.80E-01	0.00E+00	0.00E+00	3.37E+00	6.32E-06	1.09E-03	5.22E-03	0.00E+00	-3.89E-04	5.74E-10	1.39E-08	2.22E-02	8.65E-01	0.00E+00	0.00E+00	2.52E+00	5.22E-03	4.70E+00	0.00E+00	3.78E-08	1.78E-08	1.36E-03	1.73E-07	4.48E-01	0.00E+00	4.70E+00	9.91E-07	4.70E+00	5.16E+00	4.48E-01	0.00E+00	0.00E+00	0.00E+00	9.07E+01
MBN606E	2.64E-03	5.99E-01	1.72E-02	5.82E-01	0.00E+00	0.00E+00	3.30E+00	6.18E-06	1.12E-03	5.20E-03	0.00E+00	-4.07E-04	5.64E-10	1.40E-08	2.19E-02	8.56E-01	0.00E+00	0.00E+00	2.45E+00	5.43E-03	4.57E+00	0.00E+00	3.68E-08	1.78E-08	1.35E-03	1.78E-07	4.39E-01	0.00E+00	4.57E+00	8.87E-07	4.57E+00	5.01E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	8.71E+01
MBN610	2.73E-03	5.97E-01	1.68E-02	5.80E-01	0.00E+00	0.00E+00	3.40E+00	6.45E-06	1.13E-03	5.24E-03	0.00E+00	-2.92E-04	6.04E-10	1.42E-08	2.25E-02	8.71E-01	0.00E+00	0.00E+00	2.56E+00	3.93E-03	4.74E+00	0.00E+00	3.80E-08	1.82E-08	1.36E-03	1.48E-07	4.55E-01	0.00E+00	4.74E+00	9.89E-07	4.74E+00	5.20E+00	4.55E-01	0.00E+00	0.00E+00	0.00E+00	9.26E+01
MBN610E	2.68E-03	5.94E-01	1.65E-02	5.77E-01	0.00E+00	0.00E+00	3.35E+00	6.40E-06	1.13E-03	5.20E-03	0.00E+00	-2.91E-04	6.01E-10	1.41E-08	2.23E-02	8.74E-01	0.00E+00	0.00E+00	2.56E+00	3.90E-03	4.70E+00	0.00E+00	3.76E-08	1.83E-08	1.36E-03	1.41E-07	4.52E-01	0.00E+00	4.70E+00	9.89E-07	4.70E+00	5.15E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.15E+01
MBN613	2.80E-03	6.01E-01	1.69E-02	5.83E-01	0.00E+00	0.00E+00	3.43E+00	6.53E-06	1.17E-03	5.27E-03	0.00E+00	-2.90E-04	6.17E-10	1.47E-08	2.27E-02	9.13E-01	0.00E+00	0.00E+00	2.64E+00	3.91E-03	4.78E+00	0.00E+00	3.83E-08	1.88E-08	1.39E-03	1.46E-07	4.66E-01	0.00E+00	4.78E+00	9.91E-07	4.78E+00	5.26E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.45E+01
MBN613E	2.80E-03	6.00E-01	1.69E-02	5.83E-01	0.00E+00	0.00E+00	3.43E+00	6.53E-06	1.17E-03	5.26E-03	0.00E+00	-2.90E-04	6.15E-10	1.47E-08	2.27E-02	9.12E-01	0.00E+00	0.00E+00	2.62E+00	3.91E-03	4.77E+00	0.00E+00	3.83E-08	1.88E-08	1.38E-03	1.41E-07	4.65E-01	0.00E+00	4.77E+00	9.91E-07	4.77E+00	5.25E+00	4.65E-01	0.00E+00	0.00E+00	0.00E+00	9.41E+01
MBN616	2.95E-03	6.01E-01	1.71E-02	5.84E-01	0.00E+00	0.00E+00	3.45E+00	6.57E-06	1.32E-03	5.28E-03	0.00E+00	-2.91E-04	6.19E-10	1.62E-08	2.27E-02	9.17E-01	0.00E+00	0.00E+00	2.65E+00	3.90E-03	4.81E+00	0.00E+00	3.84E-08	1.89E-08	1.39E-03	1.42E-07	4.69E-01	0.00E+00	4.81E+00	9.92E-07	4.81E+00	5.28E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.50E+01
MBN616E	2.95E-03	6.01E-01	1.71E-02	5.84E-01	0.00E+00	0.00E+00	3.45E+00	6.57E-06	1.32E-03	5.28E-03	0.00E+00	-2.91E-04	6.19E-10	1.62E-08	2.27E-02	9.17E-01	0.00E+00	0.00E+00	2.65E+00	3.90E-03	4.81E+00	0.00E+00	3.84E-08	1.89E-08	1.39E-03	1.42E-07	4.69E-01	0.00E+00	4.81E+00	9.92E-07	4.81E+00	5.28E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.50E+01
MBN620	3.28E-03	6.11E-01	1.89E-02	5.91E-01	0.00E+00	0.00E+00	3.59E+00	6.71E-06	1.62E-03	5.36E-03	0.00E+00	-2.84E-04	6.49E-10	1.92E-08	2.29E-02	9.70E-01	0.00E+00	0.00E+00	2.78E+00	3.84E-03	4.97E+00	0.00E+00	3.97E-08	1.96E-08	1.43E-03	1.40E-07	4.92E-01	0.00E+00	4.97E+00	2.88E-07	4.97E+00	5.49E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MBN620E	3.40E-03	6.12E-01	1.81E-02	5.94E-01	0.00E+00	0.00E+00	3.58E+00	6.80E-06	1.64E-03	5.40E-03	0.00E+00	-2.91E-04	6.55E-10	1.97E-08	2.33E-02	9.85E-01	0.00E+00	0.00E+00	2.81E+00	3.90E-03	4.97E+00	0.00E+00	3.97E-08	1.98E-08	1.45E-03	1.42E-07	4.95E-01	0.00E+00	4.97E+00	9.95E-07	4.97E+00	5.46E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MBN625	3.91E-03	6.35E-01	2.09E-02	6.14E-01	0.00E+00	0.00E+00	3.76E+00	6.93E-06	2.02E-03	5.59E-03	0.00E+00	-3.88E-04	6.79E-10	2.35E-08	2.37E-02	1.06E+00	0.00E+00	0.00E+00	2.94E+00	5.21E-03	5.10E+00	0.00E+00	4.08E-08	2.07E-08	1.52E-03	1.75E-07	5.20E-01	0.00E+00	5.10E+00	2.69E-07	5.10E+00	5.62E+00	5.20E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MBN625E	3.93E-03	6.34E-01	2.02E-02	6.14E-01	0.00E+00	0.00E+00	3.77E+00	7.03E-06	2.04E-03	5.60E-03	0.00E+00	-4.07E-04	6.78E-10	2.38E-08	2.40E-02	1.06E+00	0.00E+00	0.00E+00	2.95E+00	5.43E-03	5.10E+00	0.00E+00	4.09E-08	2.07E-08	1.52E-03	1.81E-07	5.22E-01	0.00E+00	5.10E+00	9.19E-07	5.10E+00	5.62E+00	5.22E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MBN632	6.38E-03	7.77E-01	2.40E-02	7.52E-01	0.00E+00	0.00E+00	4.23E+00	7.71E-06	3.77E-03	6.92E-03	0.00E+00	-3.07E-04	8.14E-10	4.14E-08	2.69E-02	1.42E+00	0.00E+00	0.00E+00	3.62E+00	4.14E-03	5.96E+00	0.00E+00	4.86E-08	2.63E-08	1.96E-03	1.66E-07	6.42E-01	0.00E+00	5.96E+00	9.56E-07	5.96E+00	6.59E+00	6.42E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
MBN632E	6.44E-03	7.76E-01	2.39E-02	7.52E-01	0.00E+00	0.00E+00	4.22E+00	7.68E-06	3.81E-03	6.92E-03	0.00E+00	-3.05E-04	8.10E-10	4.16E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.60E+00	4.10E-03	5.95E+00	0.00E+00	4.86E-08	2.62E-08	1.96E-03	1.56E-07	6.40E-01	0.00E+00	5.95E+00	9.55E-07	5.95E+00	6.59E+00	6.40E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
MBN640	6.44E-03	7.90E-01	2.53E-02	7.65E-01	0.00E+00	0.00E+00	4.27E+00	7.79E-06	3.81E-03	7.03E-03	0.00E+00	-4.78E-04	8.36E-10	4.17E-08	2.73E-02	1.43E+00	0.00E+00	0.00E+00	3.66E+00	6.39E-03	6.06E+00	0.00E+00	4.93E-08	2.66E-08	1.99E-03	2.09E-07	6.47E-01	0.00E+00	6.06E+00	9.55E-07	6.06E+00	6.71E+00	6.47E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MBN640E	6.45E-03	7.75E-01	2.54E-02	7.50E-01	0.00E+00	0.00E+00	4.24E+00	7.75E-06	3.81E-03	6.90E-03	0.00E+00	-4.78E-04	8.33E-10	4.17E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.65E+00	6.39E-03	5.96E+00	0.00E+00	4.85E-08	2.63E-08	1.95E-03	2.11E-07	6.45E-01	0.00E+00	5.96E+00	9.53E-07	5.96E+00	6.60E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MBN650	7.70E-03	8.18E-01	2.85E-02	7.88E-01	0.00E+00	0.00E+00	4.89E+00	8.98E-06	4.66E-03	7.34E-03	0.00E+00	-4.56E-04	9.24E-10	5.09E-08	2.96E-02	1.65E+00	0.00E+00	0.00E+00	4.23E+00	6.09E-03	6.62E+00	0.00E+00	5.30E-08	2.93E-08	2.14E-03	2.08E-07	7.49E-01	0.00E+00	6.62E+00	1.00E-06	6.62E+00	7.34E+00	7.49E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MBN650E	7.63E-03	8.10E-01	2.92E-02	7.81E-01	0.00E+00	0.00E+00	4.81E+00	8.83E-06	4.65E-03	7.27E-03	0.00E+00	-5.72E-04	9.16E-10	5.05E-08	2.93E-02	1.63E+00	0.00E+00	0.00E+00	4.16E+00	7.63E-03	6.53E+00	0.00E+00	5.25E-08	2.90E-08	2.11E-03	2.44E-07	7.32E-01	0.00E+00	6.53E+00	9.88E-07	6.53E+00	7.26E+00	7.32E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
MBN663	7.75E-03	8.22E-01	2.89E-02	7.91E-01	0.00E+00	0.00E+00	4.94E+00	9.18E-06	4.70E-03	7.39E-03	0.00E+00	-4.56E-04	9.58E-10	5.13E-08	2.99E-02	1.66E+00	0.00E+00	0.00E+00	4.31E+00	6.09E-03	6.70E+00	0.00E+00	5.34E-08	2.97E-08	2.15E-03	2.08E-07	7.60E-01	0.00E+00	6.70E+00	1.04E-06	6.70E+00	7.40E+00	7.60E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MBN663E	7.72E-03	8.14E-01	2.86E-02	7.86E-01	0.00E+00	0.00E+00	4.87E+00	8.99E-06	4.70E-03	7.32E-03	0.00E+00	-4.56E-04	9.53E-10	5.11E-08	2.96E-02	1.65E+00	0.00E+00	0.00E+00	4.25E+00	6.10E-03	6.60E+00	0.00E+00	5.30E-08	2.94E-08	2.13E-03	2.07E-07	7.45E-01	0.00E+00	6.60E+00	1.03E-06	6.60E+00	7.35E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+02
MBS006C	6.70E-04	1.54E-01	4.32E-03	1.48E-01	0.00E+00	0.00E+00	8.26E-01	1.57E-06	2.87E-04	1.35E-03	0.00E+00	-1.21E-04	1.41E-10	3.52E-09	5.49E-03	2.06E-01	0.00E+00	0.00E+00	6.09E-01	1.64E-03	1.13E+00	0.00E+00	9.25E-09	4.43E-09	3.38E-04	4.94E-08	1.10E-01	0.00E+00	1.13E+00	7.07E-07	1.13E+00	1.24E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01
MBS010C	6.78E-04	1.52E-01	4.23E-03	1.46E-01	0.00E+00	0.00E+00	8.47E-01	1.54E-06	2.90E-04	1.35E-03	0.00E+00	-8.00E-05	1.39E-10	3.57E-09	5.37E-03	2.14E-01	0.00E+00	0.00E+00	6.05E-01	1.05E-03	1.10E+00	0.00E+00	9.07E-09	4.53E-09	3.41E-04	3.92E-08	1.11E-01	0.00E+00	1.10E+00	2.35E-07	1.10E+00	1.22E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.16E+01

MBS013C	7.36E-04	1.48E-01	4.29E-03	1.44E-01	0.00E+00	0.00E+00	8.16E-01	1.55E-06	3.33E-04	1.29E-03	0.00E+00	-7.76E-05	1.46E-10	4.02E-09	5.24E-03	2.18E-01	0.00E+00	0.00E+00	6.15E-01	1.04E-03	1.14E+00	0.00E+00	9.14E-09	4.55E-09	3.40E-04	3.87E-08	1.09E-01	0.00E+00	1.14E+00	2.35E-07	1.14E+00	1.25E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
MBS016C	7.34E-04	1.48E-01	4.27E-03	1.44E-01	0.00E+00	0.00E+00	8.11E-01	1.54E-06	3.32E-04	1.29E-03	0.00E+00	-7.81E-05	1.46E-10	4.02E-09	5.23E-03	2.19E-01	0.00E+00	0.00E+00	6.14E-01	1.05E-03	1.13E+00	0.00E+00	9.14E-09	4.56E-09	3.40E-04	3.87E-08	1.09E-01	0.00E+00	1.13E+00	2.35E-07	1.13E+00	1.24E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.22E+01
MBS106	7.73E-04	1.49E-01	4.49E-03	1.44E-01	0.00E+00	0.00E+00	7.61E-01	1.40E-06	3.76E-04	1.29E-03	0.00E+00	-1.31E-04	1.39E-10	4.42E-09	5.02E-03	2.15E-01	0.00E+00	0.00E+00	5.90E-01	1.74E-03	1.08E+00	0.00E+00	8.90E-09	4.43E-09	3.40E-04	5.32E-08	1.06E-01	0.00E+00	1.08E+00	1.94E-07	1.08E+00	1.19E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MBS110	6.43E-04	1.43E-01	3.91E-03	1.39E-01	0.00E+00	0.00E+00	7.03E-01	1.32E-06	2.85E-04	1.24E-03	0.00E+00	-1.00E-04	1.34E-10	3.39E-09	4.53E-03	1.88E-01	0.00E+00	0.00E+00	5.50E-01	1.34E-03	1.02E+00	0.00E+00	8.35E-09	4.12E-09	3.20E-04	4.28E-08	9.76E-02	0.00E+00	1.02E+00	2.05E-07	1.02E+00	1.12E+00	9.76E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
MBS113	6.64E-04	1.33E-01	3.23E-03	1.30E-01	0.00E+00	0.00E+00	6.32E-01	1.17E-06	3.18E-04	1.16E-03	0.00E+00	-4.21E-05	1.09E-10	3.61E-09	4.16E-03	1.80E-01	0.00E+00	0.00E+00	4.85E-01	5.69E-04	9.45E-01	0.00E+00	7.82E-09	3.87E-09	3.05E-04	2.35E-08	8.86E-02	0.00E+00	9.45E-01	1.87E-07	9.45E-01	1.03E+00	8.86E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
MBS116	6.70E-04	1.34E-01	3.27E-03	1.31E-01	0.00E+00	0.00E+00	6.38E-01	1.20E-06	3.18E-04	1.17E-03	0.00E+00	-4.21E-05	1.21E-10	3.63E-09	4.18E-03	1.82E-01	0.00E+00	0.00E+00	5.10E-01	5.69E-04	9.55E-01	0.00E+00	7.86E-09	3.94E-09	3.07E-04	2.35E-08	9.12E-02	0.00E+00	9.55E-01	1.97E-07	9.55E-01	1.05E+00	9.12E-02	0.00E+00	0.00E+00	0.00E+00	1.83E+01
MBS120	6.84E-04	1.34E-01	3.28E-03	1.31E-01	0.00E+00	0.00E+00	6.40E-01	1.18E-06	3.32E-04	1.17E-03	0.00E+00	-4.21E-05	1.10E-10	3.77E-09	4.19E-03	1.83E-01	0.00E+00	0.00E+00	4.93E-01	5.69E-04	9.53E-01	0.00E+00	7.89E-09	3.92E-09	3.07E-04	2.35E-08	8.99E-02	0.00E+00	9.53E-01	1.87E-07	9.53E-01	1.04E+00	8.99E-02	0.00E+00	0.00E+00	0.00E+00	1.75E+01
MBS120W	8.88E-04	1.56E-01	4.77E-03	1.52E-01	0.00E+00	0.00E+00	8.63E-01	1.63E-06	4.06E-04	1.37E-03	0.00E+00	-7.98E-05	1.64E-10	4.69E-09	5.52E-03	2.57E-01	0.00E+00	0.00E+00	6.99E-01	1.07E-03	1.21E+00	0.00E+00	9.78E-09	5.11E-09	3.74E-04	3.97E-08	1.23E-01	0.00E+00	1.21E+00	2.58E-07	1.21E+00	1.33E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MBS125	1.19E-03	1.60E-01	5.23E-03	1.54E-01	0.00E+00	0.00E+00	1.00E+00	1.91E-06	6.57E-04	1.43E-03	0.00E+00	-7.26E-05	1.89E-10	7.50E-09	6.15E-03	2.96E-01	0.00E+00	0.00E+00	8.23E-01	9.76E-04	1.36E+00	0.00E+00	1.08E-08	5.65E-09	4.01E-04	3.61E-08	1.44E-01	0.00E+00	1.36E+00	2.59E-07	1.36E+00	1.50E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01
MBS132	2.59E-03	2.04E-01	6.74E-03	1.97E-01	0.00E+00	0.00E+00	1.11E+00	2.01E-06	1.03E-03	1.81E-03	0.00E+00	-1.34E-04	2.18E-10	1.11E-08	6.75E-03	3.72E-01	0.00E+00	0.00E+00	9.54E-01	1.79E-03	1.52E+00	0.00E+00	1.24E-08	6.77E-09	5.11E-04	5.78E-08	1.68E-01	0.00E+00	1.52E+00	2.27E-07	1.52E+00	1.69E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.50E+01
MBS140	1.73E-03	2.00E-01	6.29E-03	1.94E-01	0.00E+00	0.00E+00	1.11E+00	2.05E-06	1.03E-03	1.79E-03	0.00E+00	-7.62E-05	2.18E-10	1.12E-08	6.84E-03	3.75E-01	0.00E+00	0.00E+00	9.64E-01	1.03E-03	1.55E+00	0.00E+00	1.26E-08	6.88E-09	5.10E-04	3.92E-08	1.70E-01	0.00E+00	1.55E+00	2.57E-07	1.55E+00	1.72E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
MBS150	2.92E-03	2.10E-01	7.62E-03	2.03E-01	0.00E+00	0.00E+00	1.22E+00	2.23E-06	1.18E-03	1.87E-03	0.00E+00	-1.72E-04	2.33E-10	1.28E-08	7.27E-03	4.10E-01	0.00E+00	0.00E+00	1.05E+00	2.29E-03	1.64E+00	0.00E+00	1.32E-08	7.31E-09	5.40E-04	7.06E-08	1.85E-01	0.00E+00	1.64E+00	2.33E-07	1.64E+00	1.82E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.86E+01
MBS163	2.95E-03	2.12E-01	7.71E-03	2.04E-01	0.00E+00	0.00E+00	1.24E+00	2.26E-06	1.19E-03	1.89E-03	0.00E+00	-1.72E-04	2.42E-10	1.29E-08	7.34E-03	4.15E-01	0.00E+00	0.00E+00	1.07E+00	2.29E-03	1.66E+00	0.00E+00	1.34E-08	7.41E-09	5.45E-04	7.07E-08	1.88E-01	0.00E+00	1.66E+00	2.41E-07	1.66E+00	1.84E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.95E+01
MBS206C	1.22E-03	2.64E-01	8.24E-03	2.55E-01	0.00E+00	0.00E+00	1.60E+00	3.04E-06	5.41E-04	2.32E-03	0.00E+00	-1.89E-04	2.67E-10	6.66E-09	1.04E-02	4.28E-01	0.00E+00	0.00E+00	1.14E+00	2.52E-03	2.20E+00	0.00E+00	1.78E-08	8.66E-09	6.67E-04	8.18E-08	2.05E-01	0.00E+00	2.20E+00	6.65E-07	2.20E+00	2.41E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
MBS210C	1.34E-03	2.66E-01	8.21E-03	2.56E-01	0.00E+00	0.00E+00	1.60E+00	3.08E-06	7.80E-04	2.33E-03	0.00E+00	-1.51E-04	2.81E-10	8.20E-09	1.04E-02	4.39E-01	0.00E+00	0.00E+00	1.19E+00	2.04E-03	2.21E+00	0.00E+00	1.79E-08	8.76E-09	6.70E-04	7.12E-08	2.15E-01	0.00E+00	2.21E+00	7.12E-07	2.21E+00	2.42E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	4.29E+01
MBS210E	1.37E-03	2.86E-01	8.34E-03	2.74E-01	0.00E+00	0.00E+00	1.64E+00	3.22E-06	8.60E-04	2.49E-03	0.00E+00	-1.55E-04	3.05E-10	8.96E-09	1.11E-02	4.52E-01	0.00E+00	0.00E+00	1.30E+00	2.04E-03	2.41E+00	0.00E+00	1.90E-08	9.34E-09	6.75E-04	7.10E-08	2.29E-01	0.00E+00	2.41E+00	7.11E-07	2.41E+00	2.62E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.67E+01
MBS213C	1.54E-03	2.66E-01	8.39E-03	2.57E-01	0.00E+00	0.00E+00	1.67E+00	3.28E-06	8.28E-04	2.34E-03	0.00E+00	-1.50E-04	3.03E-10	9.19E-09	1.12E-02	4.56E-01	0.00E+00	0.00E+00	1.33E+00	2.02E-03	2.43E+00	0.00E+00	1.92E-08	9.66E-09	6.85E-04	7.10E-08	2.32E-01	0.00E+00	2.43E+00	7.27E-07	2.43E+00	2.64E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.76E+01
MBS216C	1.60E-03	2.88E-01	8.44E-03	2.77E-01	0.00E+00	0.00E+00	1.69E+00	3.30E-06	9.39E-04	2.51E-03	0.00E+00	-1.54E-04	3.04E-10	1.05E-08	1.13E-02	4.57E-01	0.00E+00	0.00E+00	1.33E+00	2.04E-03	2.43E+00	0.00E+00	1.92E-08	9.65E-09	6.87E-04	7.12E-08	2.33E-01	0.00E+00	2.43E+00	7.07E-07	2.43E+00	2.64E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	4.78E+01
MBS216E	1.65E-03	2.99E-01	8.61E-03	2.90E-01	0.00E+00	0.00E+00	1.65E+00	3.21E-06	1.02E-03	2.61E-03	0.00E+00	-1.51E-04	3.03E-10	1.13E-08	1.11E-02	4.61E-01	0.00E+00	0.00E+00	1.32E+00	2.04E-03	2.40E+00	0.00E+00	1.93E-08	9.56E-09	6.82E-04	7.23E-08	2.29E-01	0.00E+00	2.40E+00	4.45E-07	2.40E+00	2.64E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.70E+01
MBS220E	1.85E-03	3.02E-01	8.61E-03	2.92E-01	0.00E+00	0.00E+00	1.68E+00	3.16E-06	1.14E-03	2.69E-03	0.00E+00	-1.60E-04	3.01E-10	1.24E-08	1.11E-02	4.62E-01	0.00E+00	0.00E+00	1.35E+00	2.11E-03	2.40E+00	0.00E+00	1.92E-08	9.85E-09	6.88E-04	7.42E-08	2.35E-01	0.00E+00	2.40E+00	4.10E-07	2.40E+00	2.63E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.83E+01
MBS225E	1.90E-03	3.20E-01	1.12E-02	3.09E-01	0.00E+00	0.00E+00	1.80E+00	3.40E-06	1.06E-03	2.81E-03	0.00E+00	-2.23E-04	3.48E-10	1.19E-08	1.15E-02	5.26E-01	0.00E+00	0.00E+00	1.47E+00	3.04E-03	2.53E+00	0.00E+00	2.02E-08	1.04E-08	7.81E-04	8.88E-08	2.61E-01	0.00E+00	2.53E+00	4.52E-07	2.53E+00	2.75E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	5.34E+01
MBS232E	4.01E-03	3.95E-01	1.29E-02	3.85E-01	0.00E+00	0.00E+00	2.19E+00	4.19E-06	2.47E-03	3.48E-03	0.00E+00	-2.25E-04	4.28E-10	2.75E-08	1.47E-02	7.41E-01	0.00E+00	0.00E+00	1.89E+00	3.08E-03	3.18E+00	0.00E+00	2.57E-08	1.36E-08	1.00E-03	9.61E-08	3.35E-01	0.00E+00	3.18E+00	7.05E-07	3.18E+00	3.50E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
MBS263E	4.42E-03	4.05E-01	1.44E-02	3.90E-01	0.00E+00	0.00E+00	2.42E+00	4.44E-06	2.59E-03	3.62E-03	0.00E+00	-2.68E-04	4.60E-10	3.01E-08	1.50E-02	8.17E-01	0.00E+00	0.00E+00	2.04E+00	3.48E-03	3.31E+00	0.00E+00	2.67E-08	1.41E-08	1.01E-03	1.17E-07	3.56E-01	0.00E+00	3.31E+00	7.42E-07	3.31E+00	3.68E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.51E+01
MBS306	2.31E-03	4.39E-01	1.25E-02	4.26E-01	0.00E+00	0.00E+00	2.28E+00	4.18E-06	1.12E-03	3.83E-03	0.00E+00	-2.76E-04	4.15E-10	1.33E-08	1.54E-02	6.52E-01	0.00E+00	0.00E+00	1.76E+00	3.69E-03	3.25E+00	0.00E+00	2.66E-08	1.32E-08	1.01E-03	1.22E-07	3.17E-01	0.00E+00	3.25E+00	5.84E-07	3.25E+00	3.56E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.31E+01
MBS310	2.34E-03	4.36E-01	1.23E-02	4.24E-01	0.00E+00	0.00E+00	2.32E+00	4.36E-06	1.13E-03	3.83E-03	0.00E+00	-2.18E-04	4.47E-10	1.34E-08	1.57E-02	6.66E-01	0.00E+00	0.00E+00	1.85E+00	2.92E-03	3.35E+00	0.00E+00	2.72E-08	1.36E-08	1.02E-03	1.04E-07	3.28E-01	0.00E+00	3.35E+00	6.61E-07	3.35E+00	3.68E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.67E+01
MBS310C	2.30E-03	4.42E-01	1.20E-02	4.26E-01	0.00E+00	0.00E+00	2.31E+00	4.45E-06	1.11E-03	3.64E-03	0.00E+00	-2.26E-04	4.26E-10	1.31E-08	1.55E-02	6.57E-01	0.00E+00	0.00E+00	1.92E+00	3.06E-03	3.49E+00	0.00E+00	2.67E-08	1.40E-08	1.01E-03	1.02E-07	3.38E-01	0.00E+00	3.49E+00	7.22E-07	3.49E+00	3.75E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
MBS313	2.55E-03	4.43E-01	1.28E-02	4.30E-01	0.00E+00	0.00E+00	2.41E+00	4.53E-06	1.28E-03	3.90E-03	0.00E+00	-2.18E-04	4.73E-10	1.50E-08	1.61E-02	7.02E-01	0.00E+00	0.00E+00	1.95E+00	2.92E-03	3.45E+00	0.00E+00	2.79E-08	1.41E-08	1.05E-03	1.04E-07	3.44E-01	0.00E+00	3.45E+00	6.74E-07	3.45E+00	3.79E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01
MBS313C	2.39E-03	4.45E-01	1.23E-02	4.32E-01	0.00E+00	0.00E+00	2.32E+00	4.48E-06	1.14E-03	3.74E-03	0.00E+00	-2.29E-04	4.44E-10	1.36E-08	1.57E-02	6.81E-01	0.00E+00	0.00E+00	1.94E+00	3.08E-03	3.52E+00	0.00E+00	2.70E-08	1.42E-08	1.03E-03	1.12E-07	3.40E-01	0.00E+00	3.52E+00	7.29E-07	3.52E+00	3.78E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.99E+01
MBS316	1.98E-03	3.99E-01	9.69E-03	3.89E-01	0.00E+00	0.00E+00	1.90E+00	3.48E-06	9.51E-04	3.47E-03	0.00E+00	-1.26E-04	3.26E-10	1.08E-08	1.29E-02	5.48E-01	0.00E+00	0.00E+00	1.45E+00	1.71E-03	2.82E+00	0.00E+00	2.33E-08	1.15E-08	9.08E-04	7.04E-08	2.65E-01	0.00E+00	2.82E+00	5.45E-07	2.82E+00	3.09E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.14E+01
MBS316C	2.68E-03	4.45E-01	1.29E-02	4.31E-01	0.00E+00	0.00E+00	2.32E+00	4.48E-06	1.19E-03	3.69E-03	0.00E+00	-2.30E-04	4.40E-10	1.45E-08	1.56E-02	6.98E-01	0.00E+00	0.00E+00	1.95E+00	3.09E-03	3.51E+00	0.00E+00	2.70E-08	1.43E-08	1.03E-03	1.07E-07	3.43E-01	0.00E+00	3.51E+00	7.26E-07	3.51E+00	3.78E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MBS320	3.07E-03	4.54E-01	1.39E-02	4.40E-01	0.00E+00	0.00E+00	2.60E+00	4.88E-06	1.66E-03	4.02E-03	0.00E+00	-2.18E-04	5.08E-10	1.88E-08	1.68E-02	7.83E-01	0.00E+00	0.00E+00	2.14E+00	2.92E-03	3.62E+00	0.00E+00	2.90E-08	1.51E-08	1.11E-03	1.05E-07	3.75E-01	0.00E+00	3.62E+00	6.76E-07	3.62E+00	3.99E+00	3.75E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+01
MBS320W	3.19E-03	4.56E-01	1.46E-02	4.41E-01	0.00E+00	0.00E+00	2.63E+00	4.93E-06	1.58E-03	4.13E-03	0.00E+00	-2.37E-04	5.13E-10	1.93E-08	1.69E-02	7.72E-01	0.00E+00	0.00E+00	2.14E+00	3.21E-03	3.57E+00	0.00E+00	2.88E-08	1.49E-08	1.09E-03	1.12E-07	3.75E-01	0.00E+00	3.57E+00	2.84E-07	3.57E+00	3.97E+00	3.75E-01	0.00E+00	0.00E+00	0.00E+00	7.73E+01
MBS325	4.60E-03	5.09E-01	1.85E-02	4.91E-01	0.00E+00	0.00E+00	3.38E+00	6.26E-06	2.73E-03	4.59E-03	0.00E+00	-2.76E-04	6.29E-10	3.06E-08	2.03E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	3.70E-03	4.40E+00	0.00E+00	3.50E-08	1.88E-08	1.33E-03	1.29E-07	4.90E-01	0.00E+00	4.40E+00	6.95E-07	4.40E+00	4.89E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MBS332	5.16E-03	5.97E-01	1.89E-02	5.78E-01	0.00E+00	0.00E+00	3.34E+00	6.11E-06	3.09E-03	5.32E-03	0.00E+00	-2.29E-04	6.53E-10	3.35E-08	2.08E-02	1.13E+00	0.00E+00	0.00E+00	2.88E+00	3.08E-03	4.62E+00	0.00E+00	3.74E-08	2.05E-08	1.52E-03	1.17E-07	5.08E-01	0.00E+00	4.62E+00	7.39E-07	4.62E+00	5.12E+00	5.08E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MBS340	7.74E-03	6.02E-01	2.03E-02	5.82E-01	0.00E+00	0.00E+00	3.32E+00	6.03E-06	3.09E-03	5.33E-03	0.00E+00	-4.17E-04	6.53E-10	3.34E-08	2.06E-02	1.12E+00	0.00E+00	0.00E+00	2.85E+00	5.56E-03	4.54E+00	0.00E+00	3.68E-08	2.02E-08	1.51E-03	1.77E-07	5.04E-01	0.00E+00	4.54E+00	6.70E-07	4.54E+00	5.04E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MBS350	5.79E-03	6.17E-01	2.20E-02	5.95E-01	0.00E+00	0.00E+00	3.68E+00	6.75E-06	3.53E-03	5.53E-03	0.00E+00	-4.00E-04	7.00E-10	3.84E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.17E+00	5.34E-03	4.97E+00	0.00E+00	4.00E-08	2.21E-08	1.61E-03	1.75E-07	5.58E-01	0.00E+00	4.97E+00	7.52E-07	4.97E+00	5.53E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MBS363	8.85E-03	6.27E-01	2.22E-02	6.05E-01	0.00E+00	0.00E+00	3.71E+00	6.79E-06	3.57E-03	5.61E-03	0.00E+00	-4.00E-04	7.27E-10	3.88E-08	2.24E-02	1.25E+00	0.00E+00	0.00E+00	3.22E+00	5.34E-03	4.96E+00	0.00E+00	3.99E-08	2.21E-08	1.62E-03	1.75E-07	5.64E-01	0.00E+00	4.96E+00	7.29E-07	4.96E+00	5.53E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MBS506	1.25E-03	2.64E-01	8.30E-03	2.54E-01	0.00E+00	0.00E+00	1.63E+00	3.21E-06	6.21E-04	2.30E-03	0.00E+00	-1.80E-04	2.89E-10	7.17E-09	1.10E-02	4.38E-01	0.00E+00	0.00E+00	1.25E+00	2.39E-03	2.36E+00	0.00E+00	1.86E-08	9.06E-09	6.71E-04	8.09E-08	2.23E-01	0.00E+00	2.36E+00	7.23E-07	2.36E+00	2.55E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	4.48E+01
MBS506E	1.25E-03	2.63E-01	8.24E-03	2.53E-01	0.00E+00	0.00E+00	1.63E+00	3.20E-06	6.22E-04	2.30E-03	0.00E+00	-1.82E-04	2.88E-10	7.17E-09	1.10E-02	4.37E-01	0.00E+00	0.00E+00	1.25E+00	2.42E-03	2.36E+00	0.00E+00	1.86E-08	9.06E-09	6.71E-04	8.09E-08	2.23E-01	0.00E+00	2.36E+00	7.09E-07	2.36E+00	2.55E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	4.47E+01
MBS510	1.40E-03	2.64E-01	8.34E-03	2.55E-01	0.00E+00	0.00E+00	1.60E+00	3.13E-06	8.57E-04	2.27E-03	0.00E+00	-1.42E-04	2.99E-10	8.99E-09	1.09E-02	4.51E-01	0.00E+00	0.00E+00	1.28E+00	1.92E-03	2.36E+00	0.00E+00	1.89E-08	9.24E-09	6.66E-04	7.03E-08	2.24E-01	0.00E+00	2.36E+00	4.19E-07	2.36E+00	2.59E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.57E+01
MBS510E	1.38E-03	2.63E-01	8.22E-03	2.52E-01	0.00E+00	0.00E+00	1.64E+00	3.25E-06	8.90E-04	2.30E-03	0.00E+00	-1.50E-04	2.99E-10	9.12E-09	1.11E-02	4.51E-01	0.00E+00	0.00E+00	1.29E+00	1.98E-03	2.42E+00	0.00E+00	1.89E-08	9.31E-09	6.72E-04	7.14E-08	2.27E-01	0.00E+00	2.42E+00	7.20E-07	2.42E+00	2.61E+00	2.27E-01	0.00E+00	0.00E+00	0.00E+00	4.62E+01
MBS513	1.64E-03	2.85E-01	8.35E-03	2.75E-01	0.00E+00	0.00E+00	1.65E+00	3.21E-06	9.23E-04	2.50E-03	0.00E+00	-1.52E-04	3.00E-10	1.01E-08	1.11E-02	4.60E-01	0.00E+00	0.00E+00	1.31E+00	2.00E-03	2.40E+00	0.00E+00	1.91E-08	9.55E-09	6.89E-04	7.13E-08	2.30E-01	0.00E+00	2.40E+00	7.24E-07	2.40E+00	2.61E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.70E+01
MBS516	1.69E-03	2.97E-01	8.47E-03	2.89E-01	0.00E+00	0.00E+00	1.68E+00	3.43E-06	1.06E-03	2.62E-03	0.00E+00	-1.57E-04	3.00E-10	1.17E-08	1.14E-02	4.62E-01	0.00E+00	0.00E+00	1.33E+00	2.08E-03	2.47E+00	0.00E+00	1.97E-08	1.00E-08	6.90E-04	7.21E-08	2.32E-01	0.00E+00	2.47E+00	7.21E-07	2.47E+00	2.70E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.76E+01
MBS516E	1.70E-03	2.64E-01	8.36E-03	2.56E-01	0.00E+00	0.00E+00	1.64E+00	3.32E-06	1.05E-03	2.27E-03	0.00E+00	-1.45E-04	3.00E-10	1.18E-08	1.13E-02	4.59E-01	0.00E+00	0.00E+00	1.32E+00	1.97E-03	2.42E+00	0.00E+00	1.96E-08	9.94E-09	6.80E-04	7.06E-08	2.29E-01	0.00E+00	2.42E+00	4.15E-07	2.42E+00	2.67E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.71E+01
MBS520	1.86E-03	3.04E-01	8.55E-03	2.95E-01	0.00E+00	0.00E+00	1.68E+00	3.20E-06	1.11E-03	2.70E-03	0.00E+00	-1.50E-04	3.00E-10	1.23E-08	1.12E-02	4.68E-01	0.00E+00	0.00E+00	1.35E+00	2.00E-03	2.41E+00	0.00E+00	1.94E-08	9.95E-09	6.80E-04	7.49E-08	2.37E-01	0.00E+00	2.41E+00	4.09E-07	2.41E+00	2.65E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MBS520E	1.86E-03	3.02E-01	8.55E-03	2.92E-01	0.00E+00	0.00E+00	1.68E+00	3.20E-06	1.11E-03	2.68E-03	0.00E+00	-1.50E-04	3.00E-10	1.22E-08	1.12E-02	4.68E-01	0.00E+00	0.00E+00	1.35E+00	1.98E-03	2.41E+00	0.00E+00	1.94E-08	9.94E-09	6.79E-04	7.48E-08	2.37E-01	0.00E+00	2.41E+00	4.34E-07	2.41E+00	2.64E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.86E+01
MBS525	1.92E-03	3.19E-01	1.11E-02	3.11E-01	0.00E+00	0.00E+00	1.84E+00	3.50E-06	1.06E-03	2.83E-03	0.00E+00	-2.02E-04	3.47E-10	1.20E-08	1.17E-02	5.29E-01	0.00E+00	0.00E+00	1.48E+00	2.85E-03	2.57E+00	0.00E+00	2.03E-08	1.05E-08	7.85E-04	8.95E-08	2.64E-01	0.00E+00	2.57E+00	7.27E-07	2.57E+00	2.79E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	5.33E+01
MBS525E	1.92E-03	3.19E-01	1.11E-02	3.11E-01	0.00E+00	0.00E+00	1.84E+00	3.50E-06	1.06E-03	2.83E-03	0.00E+00	-2.02E-04	3.47E-10	1.20E-08	1.17E-02	5.29E-01	0.00E+00	0.00E+00	1.48E+00	2.85E-03	2.57E+00	0.00E+00	2.03E-08	1.05E-08	7.85E-04	8.95E-08	2.64E-01	0.00E+00	2.57E+00	7.27E-07	2.57E+00	2.79E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	5.33E+01
MBS532	4.45E-03	3.92E-01	1.25E-02	3.85E-01	0.00E+00	0.00E+00	2.18E+00	4.08E-06	2.74E-03	3.51E-03	0.00E+00	-1.95E-04	4.24E-10	3.13E-08	1.36E-02	7.33E-01	0.00E+00	0.00E+00	1.85E+00	2.65E-03	3.12E+00	0.00E+00	2.53E-08	1.41E-08	1.02E-03	9.23E-08	3.29E-01	0.00E+00	3.12E+00	7.07E-07	3.12E+00	3.44E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
MBS532E	4.47E-03	3.93E-01	1.29E-02	3.85E-01	0.00E+00	0.00E+00	2.17E+00	4.11E-06	2.68E-03	3.50E-03	0.00E+00	-1.78E-04	4.23E-10	3.07E-08	1.35E-02	7.38E-01	0.00E+00	0.00E+00	1.97E+00	2.39E-03	3.11E+00	0.00E+00	2.51E-08	1.41E-08	1.01E-03	9.12E-08	3.48E-01	0.00E+00	3.11E+00	4.47E-07	3.11E+00	3.43E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.24E+01
MBS540E	4.45E-03	3.95E-01	1.35E-02	3.86E-01	0.00E+00	0.00E+00	2.20E+00	4.23E-06	2.64E-03	3.52E-03	0.00E+00	-2.62E-04	4.33E-10	3.07E-08	1.40E-02	7.47E-01	0.00E+00	0.00E+00	1.98E+00	3.57E-03	3.16E+00	0.00E+00	2.53E-08	1.42E-08	1.03E-03	1.11E-07	3.47E-01	0.00E+00	3.16E+00	7.18E-07	3.16E+00	3.49E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.31E+01
MBS550E	4.31E-03	3.97E-01	1.39E-02	3.87E-01	0.00E+00	0.00E+00	2.38E+00	4.33E-06	2.52E-03	3.53E-03	0.00E+00	-2.44E-04	4.49E-10	2.93E-08	1.44E-02	8.17E-01	0.00E+00	0.00E+00	2.07E+00	3.20E-03	3.25E+00	0.00E+00	2.62E-08	1.45E-08	1.05E-03	1.07E-07	3.65E-01	0.00E+00	3.25E+00	4.91E-07	3.25E+00	3.62E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	7.59E+01
MBS563E	4.41E-03	4.07E-01	1.42E-02	3.93E-01	0.00E+00	0.00E+00	2.42E+00	4.49E-06	2.60E-03	3.67E-03	0.00E+00	-2.61E-04	4.63E-10	2.97E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.11E+00	3.40E-03	3.30E+00	0.00E+00	2.65E-08	1.47E-08	1.06E-03	1.14E-07	3.69E-01	0.00E+00	3.30E+00	7.40E-07	3.30E+00	3.67E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+01
MBS606	3.11E-03	5.88E-01	1.72E-02	5.71E-01	0.00E+00	0.00E+00	3.16E+00	6.07E-06	1.44E-03	5.16E-03	0.00E+00	-3.95E-04	5.65E-10	1.71E-08	2.15E-02	8.68E-01	0.00E+00	0.00E+00	2.40E+00	5.19E-03	4.63E+00	0.00E+00	3.69E-08	1.78E-08	1.36E-03	1.74E-07	4.35E-01	0.00E+00	4.63E+00	8.65E-07	4.63E+00	4.99E+00	4.35E-01	0.00E+00	0.00E+00	0.00E+00	8.63E+01
MBS606E	3.08E-03	5.87E-01	1.70E-02	5.70E-01	0.00E+00	0.00E+00	3.05E+00	5.58E-06	1.50E-03	5.12E-03	0.00E+00	-4.07E-04	5.46E-10	1.77E-08	2.07E-02	8.71E-01	0.00E+00	0.00E+00	2.34E+00	5.43E-03	4.35E+00	0.00E+00	3.56E-08	1.77E-08	1.35E-03	1.76E-07	4.22E-01	0.00E+00	4.35E+00	7.78E-07	4.35E+00	4.77E+00	4.22E-01	0.00E+00	0.00E+00	0.00E+00	8.36E+01
MBS610	3.18E-03	5.87E-01	1.70E-02	5.70E-01	0.00E+00	0.00E+00	3.16E+00	6.10E-06	1.52E-03	5.17E-03	0.00E+00	-2.92E-04	5.94E-10	1.79E-08	2.15E-02	8.85E-01	0.00E+00	0.00E+00	2.47E+00	3.93E-03	4.64E+00	0.00E+00	3.71E-08	1.83E-08	1.36E-03	1.46E-07	4.44E-01	0.00E+00	4.64E+00	8.87E-07	4.64E+00	5.01E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	8.94E+01
MBS610E	3.13E-03	5.82E-01	1.63E-02	5.66E-01	0.00E+00	0.00E+00	3.10E+00	5.79E-06	1.51E-03	5.11E-03	0.00E+00	-2.91E-04	5.83E-10	1.79E-08	2.10E-02	8.88E-01	0.00E+00	0.00E+00	2.45E+00	3.90E-03	4.48E+00	0.00E+00	3.64E-08	1.82E-08	1.36E-03	1.39E-07	4.36E-01	0.00E+00	4.48E+00	8.80E-07	4.48E+00	4.91E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	8.80E+01
MBS613	3.26E-03	5.86E-01	1.68E-02	5.71E-01	0.00E+00	0.00E+00	3.18E+00	5.97E-06	1.59E-03	5.19E-03	0.00E+00	-2.95E-04	5.99E-10	1.86E-08	2.12E-02	9.11E-01	0.00E+00	0.00E+00	2.49E+00	3.99E-03	4.59E+00	0.00E+00	3.72E-08	1.85E-08	1.38E-03	1.49E-07	4.44E-01	0.00E+00	4.59E+00	8.80E-07	4.59E+00	5.02E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	9.00E+01
MBS616	3.39E-03	5.89E-01	1.69E-02	5.72E-01	0.00E+00	0.00E+00	3.19E+00	5.97E-06	1.70E-03	5.19E-03	0.00E+00	-2.91E-04	6.01E-10	1.99E-08	2.15E-02	9.31E-01	0.00E+00	0.00E+00	2.54E+00	3.90E-03	4.58E+00	0.00E+00	3.72E-08	1.87E-08	1.39E-03	1.39E-07	4.52E-01	0.00E+00	4.58E+00	8.82E-07	4.58E+00	5.04E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.16E+01
MBS616E	3.39E-03	5.89E-01	1.69E-02	5.72E-01	0.00E+00	0.00E+00	3.19E+00	5.97E-06	1.70E-03	5.19E-03	0.00E+00	-2.91E-04	6.01E-10	1.99E-08	2.15E-02	9.31E-01	0.00E+00	0.00E+00	2.54E+00	3.90E-03	4.58E+00	0.00E+00	3.72E-08	1.87E-08	1.39E-03	1.39E-07	4.52E-01	0.00E+00	4.58E+00	8.82E-07	4.58E+00	5.04E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.16E+01
MBS620	3.72E-03	6.02E-01	1.86E-02	5.81E-01	0.00E+00	0.00E+00	3.51E+00	6.55E-06	1.79E-03	5.39E-03	0.00E+00	-3.03E-04	6.58E-10	2.28E-08	2.19E-02	1.04E+00	0.00E+00	0.00E+00	2.71E+00	4.11E-03	4.96E+00	0.00E+00	3.92E-08	1.94E-08	1.52E-03	1.51E-07	4.85E-01	0.00E+00	4.96E+00	9.32E-07	4.96E+00	5.41E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	9.82E+01
MBS620E	4.10E-03	6.06E-01	1.85E-02	5.88E-01	0.00E+00	0.00E+00	3.46E+00	6.48E-06	2.22E-03	5.37E-03	0.00E+00	-2.91E-04	6.60E-10	2.50E-08	2.24E-02	1.04E+00	0.00E+00	0.00E+00	2.82E+00	3.90E-03	4.83E+00	0.00E+00	3.88E-08	2.01E-08	1.48E-03	1.40E-07	4.97E-01	0.00E+00	4.83E+00	8.97E-07	4.83E+00	5.32E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MBS625	4.96E-03	6.43E-01	2.08E-02	6.19E-01	0.00E+00	0.00E+00	3.58E+00	6.71E-06	3.10E-03	5.70E-03	0.00E+00	-3.82E-04	6.83E-10	3.51E-08	2.23E-02	1.09E+00	0.00E+00	0.00E+00	2.92E+00	5.07E-03	5.08E+00	0.00E+00	4.05E-08	2.03E-08	1.55E-03	1.76E-07	5.13E-01	0.00E+00	5.08E+00	2.95E-07	5.08E+00	5.58E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MBS625E	6.14E-03	6.80E-01	2.49E-02	6.55E-01	0.00E+00	0.00E+00	4.51E+00	8.32E-06	3.65E-03	6.13E-03	0.00E+00	-4.07E-04	8.21E-10	4.08E-08	2.71E-02	1.41E+00	0.00E+00	0.00E+00	3.68E+00	5.44E-03	5.87E+00	0.00E+00	4.68E-08	2.50E-08	1.77E-03	1.85E-07	6.50E-01	0.00E+00	5.87E+00	9.16E-07	5.87E+00	6.52E+00	6.50E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MBS632	6.36E-03	8.00E-01	2.46E-02	7.71E-01	0.00E+00	0.00E+00	4.42E+00	8.25E-06	3.68E-03	7.09E-03	0.00E+00	-3.15E-04	8.28E-10	4.05E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.74E+00	4.25E-03	6.14E+00	0.00E+00	4.92E-08	2.67E-08	1.98E-03	1.79E-07	6.66E-01	0.00E+00	6.14E+00	9.70E-07	6.14E+00	6.74E+00	6.66E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MBS632E	6.88E-03	7.96E-01	2.51E-02	7.71E-01	0.00E+00	0.00E+00	4.44E+00	8.10E-06	4.12E-03	7.10E-03	0.00E+00	-3.05E-04	8.49E-10	4.46E-08	2.77E-02	1.50E+00	0.00E+00	0.00E+00	3.79E+00	4.10E-03	6.15E+00	0.00E+00	4.99E-08	2.72E-08	2.02E-03	1.57E-07	6.73E-01	0.00E+00	6.15E+00	9.75E-07	6.15E+00	6.83E+00	6.73E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MBS640	7.05E-03	8.01E-01	2.68E-02	7.70E-01	0.00E+00	0.00E+00	4.51E+00	8.39E-06	4.22E-03	7.11E-03	0.00E+00	-4.73E-04	8.67E-10	4.58E-08	2.76E-02	1.49E+00	0.00E+00	0.00E+00	3.87E+00	6.32E-03	6.23E+00	0.00E+00	4.96E-08	2.72E-08	2.00E-03	2.11E-07	6.86E-01	0.00E+00	6.23E+00	9.94E-07	6.23E+00	6.83E+00	6.86E-01	0.00E+00	0.00E+00	0.00E+00	1.43E+02
MBS640E	6.88E-03	7.95E-01	2.65E-02	7.69E-01	0.00E+00	0.00E+00	4.45E+00	8.16E-06	4.12E-03	7.08E-03	0.00E+00	-4.78E-04	8.72E-10	4.47E-08	2.77E-02	1.50E+00	0.00E+00	0.00E+00	3.84E+00	6.39E-03	6.16E+00	0.00E+00	4.98E-08	2.73E-08	2.02E-03	2.12E-07	6.77E-01	0.00E+00	6.16E+00	9.73E-07	6.16E+00	6.84E+00	6.77E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MBS650E	7.74E-03	8.25E-01	2.96E-02	7.95E-01	0.00E+00	0.00E+00	4.91E+00	9.02E-06	4.71E-03	7.40E-03	0.00E+00	-5.72E-04	9.34E-10	5.12E-08	2.99E-02	1.66E+00	0.00E+00	0.00E+00	4.23E+00	7.63E-03	6.65E+00	0.00E+00	5.35E-08	2.95E-08	2.15E-03	2.45E-07	7.45E-01	0.00E+00	6.65E+00	1.01E-06	6.65E+00	7.40E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MBS663E	1.18E-02	8.39E-01	2.99E-02	8.09E-01	0.00E+00	0.00E+00	4.96E+00	9.07E-06	4.76E-03	7.50E-03	0.00E+00	-5.72E-04	9.70E-10	5.17E-08	2.99E-02	1.67E+00	0.00E+00	0.00E+00	4.30E+00	7.63E-03	6.64E+00	0.00E+00	5.35E-08	2.96E-08	2.17E-03	2.46E-07	7.54E-01	0.00E+00	6.64E+00	9.79E-07	6.64E+00	7.39E+00	7.54E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MC100A	9.70E-04	2.00E-01	6.05E-03	1.93E-01	0.00E+00	0.00E+00	9.88E-01	1.86E-06	4.55E-04	1.71E-03	0.00E+00	-1.63E-04	1.92E-10	5.29E-09	6.48E-03	2.84E-01	0.00E+00	0.00E+00	7.92E-01	2.08E-03	1.43E+00	0.00E+00	1.15E-08	5.78E-09	4.43E-04	6.34E-08	1.39E-01	0.00E+00	1.43E+00	2.53E-07	1.43E+00	1.56E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
MC101A	9.85E-04	2.00E-01	6.06E-03	1.92E-01	0.00E+00	0.00E+00	9.92E-01	1.86E-06	4.64E-04	1.71E-03	0.00E+00	-1.68E-04	1.92E-10	5.34E-09	6.53E-03	2.84E-01	0.00E+00	0.00E+00	7.93E-01	2.15E-03	1.44E+00	0.00E+00	1.17E-08	5.81E-09	4.44E-04	6.45E-08	1.40E-01	0.00E+00	1.44E+00	2.58E-07	1.44E+00	1.57E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MC102A	9.81E-04	2.00E-01	6.04E-03	1.92E-01	0.00E+00	0.00E+00	9.92E-01	1.87E-06	4.62E-04	1.69E-03	0.00E+00	-1.64E-04	1.92E-10	5.28E-09	6.55E-03	2.85E-01	0.00E+00	0.00E+00	7.98E-01	2.15E-03	1.43E+00	0.00E+00	1.16E-08	5.79E-09	4.41E-04	6.41E-08	1.41E-01	0.00E+00	1.43E+00	2.51E-07	1.43E+00	1.57E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
MC103A	9.54E-04	2.00E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	9.89E-01	1.86E-06	4.49E-04	1.69E-03	0.00E+00	-1.65E-04	1.91E-10	5.18E-09	6.49E-03	2.83E-01	0.00E+00	0.00E+00	7.92E-01	2.12E-03	1.42E+00	0.00E+00	1.15E-08	5.73E-09	4.39E-04	6.41E-08	1.40E-01	0.00E+00	1.42E+00	2.48E-07	1.42E+00	1.56E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MC104A	9.58E-04	2.00E-01	6.04E-03	1.92E-01	0.00E+00	0.00E+00	9.87E-01	1.86E-06	4.54E-04	1.71E-03	0.00E+00	-1.62E-04	1.91E-10	5.21E-09	6.47E-03	2.83E-01	0.00E+00	0.00E+00	7.87E-01	2.10E-03	1.42E+00	0.00E+00	1.15E-08	5.74E-09	4.42E-04	6.34E-08	1.39E-01	0.00E+00	1.42E+00	2.53E-07	1.42E+00	1.55E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MC106A	7.18E-04	1.66E-01	4.41E-03	1.59E-01	0.00E+00	0.00E+00	9.25E-01	1.67E-06	3.07E-04	1.45E-03	0.00E+00	-9.02E-05	1.54E-10	3.72E-09	5.96E-03	2.31E-01	0.00E+00	0.00E+00	6.73E-01	1.22E-03	1.22E+00	0.00E+00	9.96E-09	4.88E-09	3.68E-04	4.11E-08	1.22E-01	0.00E+00	1.22E+00	2.40E-07	1.22E+00	1.35E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
MC110A	6.44E-04	1.48E-01	3.86E-03	1.42E-01	0.00E+00	0.00E+00	8.39E-01	1.55E-06	2.64E-04	1.30E-03	0.00E+00	-5.39E-05	1.30E-10	3.37E-09	5.48E-03	2.10E-01	0.00E+00	0.00E+00	6.05E-01	7.25E-04	1.11E+00	0.00E+00	9.19E-09	4.45E-09	3.21E-04	2.93E-08	1.10E-01	0.00E+00	1.11E+00	5.22E-07	1.11E+00	1.23E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+01
MC110P	6.59E-04	1.22E-01	4.02E-03	1.18E-01	0.00E+00	0.00E+00	8.31E-01	1.73E-06	2.59E-04	1.14E-03	0.00E+00	-7.09E-05	1.48E-10	3.43E-09	5.53E-03	2.15E-01	0.00E+00	0.00E+00	6.53E-01	9.75E-04	1.28E+00	0.00E+00	1.00E-08	4.74E-09	3.20E-04	3.58E-08	1.14E-01	0.00E+00	1.28E+00	3.58E-07	1.28E+00	1.40E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MC113A	8.41E-04	1.67E-01	4.57E-03	1.62E-01	0.00E+00	0.00E+00	9.67E-01	1.78E-06	3.98E-04	1.47E-03	0.00E+00	-7.54E-05	1.70E-10	4.79E-09	6.08E-03	2.48E-01	0.00E+00	0.00E+00	7.33E-01	1.04E-03	1.28E+00	0.00E+00	1.03E-08	5.11E-09	3.79E-04	3.82E-08	1.30E-01	0.00E+00	1.28E+00	2.57E-07	1.28E+00	1.42E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
MC116A	6.24E-04	1.43E-01	3.85E-03	1.39E-01	0.00E+00	0.00E+00	7.58E-01	1.45E-06	2.63E-04	1.23E-03	0.00E+00	-4.41E-05	1.31E-10	3.30E-09	4.75E-03	1.92E-01	0.00E+00	0.00E+00	5.72E-01	6.12E-04	1.06E+00	0.00E+00	8.57E-09	4.18E-09	3.14E-04	2.60E-08	1.02E-01	0.00E+00	1.06E+00	2.19E-07	1.06E+00	1.16E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+01
MC116P	6.60E-04	1.22E-01	4.01E-03	1.18E-01	0.00E+00	0.00E+00	8.33E-01	1.74E-06	2.58E-04	1.15E-03	0.00E+00	-6.48E-05	1.50E-10	3.43E-09	5.54E-03	2.20E-01	0.00E+00	0.00E+00	6.61E-01	8.75E-04	1.28E+00	0.00E+00	1.01E-08	4.86E-09	3.17E-04	3.38E-08	1.16E-01	0.00E+00	1.28E+00	3.58E-07	1.28E+00	1.41E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.38E+01

MC120A	8.57E-04	1.64E-01	4.79E-03	1.60E-01	0.00E+00	0.00E+00	9.64E-01	1.82E-06	4.18E-04	1.44E-03	0.00E+00	-7.59E-05	1.74E-10	5.18E-09	6.06E-03	2.59E-01	0.00E+00	0.00E+00	7.48E-01	1.06E-03	1.30E+00	0.00E+00	1.05E-08	5.24E-09	3.85E-04	3.79E-08	1.32E-01	0.00E+00	1.30E+00	2.59E-07	1.30E+00	1.43E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
MC120P	6.60E-04	1.22E-01	4.01E-03	1.18E-01	0.00E+00	0.00E+00	8.43E-01	1.74E-06	2.59E-04	1.16E-03	0.00E+00	-6.60E-05	1.51E-10	3.43E-09	5.63E-03	2.15E-01	0.00E+00	0.00E+00	6.58E-01	8.99E-04	1.29E+00	0.00E+00	1.01E-08	4.78E-09	3.18E-04	3.46E-08	1.15E-01	0.00E+00	1.29E+00	3.57E-07	1.29E+00	1.42E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.35E+01
MC125A	9.68E-04	1.68E-01	5.07E-03	1.63E-01	0.00E+00	0.00E+00	9.95E-01	1.89E-06	4.72E-04	1.48E-03	0.00E+00	-7.40E-05	1.82E-10	5.68E-09	6.17E-03	2.72E-01	0.00E+00	0.00E+00	7.89E-01	1.02E-03	1.34E+00	0.00E+00	1.07E-08	5.39E-09	3.98E-04	3.81E-08	1.38E-01	0.00E+00	1.34E+00	2.53E-07	1.34E+00	1.48E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MC132A	1.62E-03	2.00E-01	6.10E-03	1.93E-01	0.00E+00	0.00E+00	1.10E+00	1.99E-06	9.22E-04	1.77E-03	0.00E+00	-7.81E-05	2.10E-10	1.02E-08	6.73E-03	3.59E-01	0.00E+00	0.00E+00	9.28E-01	1.07E-03	1.51E+00	0.00E+00	1.23E-08	6.63E-09	4.95E-04	4.00E-08	1.65E-01	0.00E+00	1.51E+00	2.38E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
MC140A	1.62E-03	2.00E-01	6.10E-03	1.93E-01	0.00E+00	0.00E+00	1.09E+00	1.99E-06	9.27E-04	1.75E-03	0.00E+00	-7.80E-05	2.09E-10	1.03E-08	6.75E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.07E-03	1.51E+00	0.00E+00	1.23E-08	6.63E-09	4.95E-04	4.05E-08	1.65E-01	0.00E+00	1.51E+00	2.38E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MC150A	1.83E-03	2.07E-01	6.81E-03	1.99E-01	0.00E+00	0.00E+00	1.19E+00	2.19E-06	1.05E-03	1.83E-03	0.00E+00	-1.08E-04	2.25E-10	1.17E-08	7.32E-03	4.00E-01	0.00E+00	0.00E+00	1.03E+00	1.46E-03	1.63E+00	0.00E+00	1.32E-08	7.17E-09	5.43E-04	4.83E-08	1.82E-01	0.00E+00	1.63E+00	2.41E-07	1.63E+00	1.80E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	3.80E+01
MC163A	1.84E-03	2.09E-01	6.90E-03	2.00E-01	0.00E+00	0.00E+00	1.20E+00	2.20E-06	1.19E-03	1.87E-03	0.00E+00	-1.10E-04	2.30E-10	1.27E-08	7.42E-03	3.98E-01	0.00E+00	0.00E+00	1.04E+00	1.54E-03	1.63E+00	0.00E+00	1.32E-08	7.18E-09	5.45E-04	4.91E-08	1.83E-01	0.00E+00	1.63E+00	2.42E-07	1.63E+00	1.81E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
MC201A	2.17E-03	3.97E-01	1.18E-02	3.82E-01	0.00E+00	0.00E+00	2.09E+00	3.94E-06	5.03E-04	3.45E-03	0.00E+00	-3.18E-04	3.89E-10	6.95E-09	1.35E-02	5.60E-01	0.00E+00	0.00E+00	1.74E+00	4.38E-03	2.96E+00	0.00E+00	2.39E-08	1.22E-08	9.08E-04	1.35E-07	3.04E-01	0.00E+00	2.96E+00	7.06E-07	2.96E+00	3.29E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MC202A	2.16E-03	3.98E-01	1.18E-02	3.83E-01	0.00E+00	0.00E+00	2.09E+00	3.94E-06	5.07E-04	3.45E-03	0.00E+00	-3.18E-04	3.89E-10	7.04E-09	1.35E-02	5.59E-01	0.00E+00	0.00E+00	1.74E+00	4.36E-03	2.96E+00	0.00E+00	2.39E-08	1.22E-08	9.08E-04	1.35E-07	3.04E-01	0.00E+00	2.96E+00	7.18E-07	2.96E+00	3.30E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MC203A	2.02E-03	3.97E-01	1.18E-02	3.81E-01	0.00E+00	0.00E+00	2.07E+00	3.91E-06	8.61E-04	3.45E-03	0.00E+00	-3.14E-04	3.88E-10	9.88E-09	1.34E-02	5.59E-01	0.00E+00	0.00E+00	1.73E+00	4.31E-03	2.95E+00	0.00E+00	2.39E-08	1.22E-08	9.09E-04	1.31E-07	3.02E-01	0.00E+00	2.95E+00	7.29E-07	2.95E+00	3.29E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	6.13E+01
MC204A	2.02E-03	3.97E-01	1.18E-02	3.82E-01	0.00E+00	0.00E+00	2.09E+00	3.94E-06	8.58E-04	3.45E-03	0.00E+00	-3.21E-04	3.89E-10	9.88E-09	1.35E-02	5.60E-01	0.00E+00	0.00E+00	1.74E+00	4.42E-03	2.96E+00	0.00E+00	2.39E-08	1.22E-08	9.08E-04	1.35E-07	3.04E-01	0.00E+00	2.96E+00	7.30E-07	2.96E+00	3.29E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MC206A	1.24E-03	3.19E-01	9.93E-03	3.08E-01	0.00E+00	0.00E+00	1.75E+00	3.34E-06	5.21E-04	2.74E-03	0.00E+00	-1.64E-04	3.31E-10	6.67E-09	1.15E-02	4.93E-01	0.00E+00	0.00E+00	1.36E+00	2.21E-03	2.44E+00	0.00E+00	1.95E-08	9.52E-09	7.50E-04	7.95E-08	2.44E-01	0.00E+00	2.44E+00	6.72E-07	2.44E+00	2.65E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MC210A	1.24E-03	2.76E-01	7.56E-03	2.69E-01	0.00E+00	0.00E+00	1.58E+00	2.98E-06	5.24E-04	2.45E-03	0.00E+00	-9.93E-05	2.66E-10	6.47E-09	1.01E-02	4.30E-01	0.00E+00	0.00E+00	1.19E+00	1.32E-03	2.18E+00	0.00E+00	1.77E-08	8.68E-09	6.18E-04	4.96E-08	2.14E-01	0.00E+00	2.18E+00	5.69E-07	2.18E+00	2.40E+00	2.14E-01	0.00E+00	0.00E+00	0.00E+00	4.28E+01
MC210P	1.26E-03	2.52E-01	7.84E-03	2.39E-01	0.00E+00	0.00E+00	1.64E+00	3.53E-06	5.05E-04	2.42E-03	0.00E+00	-1.17E-04	3.02E-10	6.39E-09	1.14E-02	4.58E-01	0.00E+00	0.00E+00	1.35E+00	1.43E-03	2.74E+00	0.00E+00	2.09E-08	1.00E-08	6.22E-04	5.52E-08	2.37E-01	0.00E+00	2.74E+00	8.22E-07	2.74E+00	2.98E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	4.86E+01
MC213A	1.56E-03	3.23E-01	9.28E-03	3.13E-01	0.00E+00	0.00E+00	1.82E+00	3.49E-06	7.15E-04	2.82E-03	0.00E+00	-1.63E-04	3.36E-10	8.62E-09	1.19E-02	4.96E-01	0.00E+00	0.00E+00	1.42E+00	2.17E-03	2.56E+00	0.00E+00	2.02E-08	9.98E-09	7.49E-04	7.65E-08	2.50E-01	0.00E+00	2.56E+00	7.26E-07	2.56E+00	2.78E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
MC216A	1.58E-03	3.23E-01	9.26E-03	3.10E-01	0.00E+00	0.00E+00	1.82E+00	3.46E-06	7.26E-04	2.81E-03	0.00E+00	-1.57E-04	3.29E-10	8.83E-09	1.19E-02	4.95E-01	0.00E+00	0.00E+00	1.40E+00	2.05E-03	2.53E+00	0.00E+00	2.00E-08	9.91E-09	7.48E-04	7.35E-08	2.48E-01	0.00E+00	2.53E+00	7.22E-07	2.53E+00	2.75E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	5.01E+01
MC220A	1.56E-03	2.90E-01	7.84E-03	2.80E-01	0.00E+00	0.00E+00	1.60E+00	3.16E-06	7.32E-04	2.54E-03	0.00E+00	-9.23E-05	2.89E-10	8.84E-09	1.10E-02	4.39E-01	0.00E+00	0.00E+00	1.30E+00	1.22E-03	2.49E+00	0.00E+00	1.95E-08	9.50E-09	6.62E-04	5.04E-08	2.25E-01	0.00E+00	2.49E+00	3.96E-07	2.49E+00	2.75E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.61E+01
MC225A	1.94E-03	3.28E-01	9.80E-03	3.19E-01	0.00E+00	0.00E+00	1.90E+00	3.56E-06	9.54E-04	2.90E-03	0.00E+00	-1.59E-04	3.53E-10	1.13E-08	1.22E-02	5.43E-01	0.00E+00	0.00E+00	1.53E+00	2.12E-03	2.61E+00	0.00E+00	2.08E-08	1.05E-08	7.56E-04	7.97E-08	2.67E-01	0.00E+00	2.61E+00	4.47E-07	2.61E+00	2.86E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	5.50E+01
MC232A	2.60E-03	3.95E-01	1.16E-02	3.81E-01	0.00E+00	0.00E+00	2.16E+00	3.94E-06	1.34E-03	3.50E-03	0.00E+00	-1.82E-04	4.08E-10	1.40E-08	1.36E-02	6.50E-01	0.00E+00	0.00E+00	1.82E+00	2.45E-03	3.02E+00	0.00E+00	2.45E-08	1.28E-08	9.72E-04	8.43E-08	3.19E-01	0.00E+00	3.02E+00	6.82E-07	3.02E+00	3.35E+00	3.19E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
MC240A	3.24E-03	3.95E-01	1.28E-02	3.81E-01	0.00E+00	0.00E+00	2.16E+00	3.95E-06	1.91E-03	3.50E-03	0.00E+00	-2.37E-04	4.21E-10	2.09E-08	1.36E-02	7.22E-01	0.00E+00	0.00E+00	1.85E+00	3.06E-03	3.03E+00	0.00E+00	2.45E-08	1.33E-08	9.84E-04	1.03E-07	3.27E-01	0.00E+00	3.03E+00	6.78E-07	3.03E+00	3.35E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MC250A	3.43E-03	4.10E-01	1.39E-02	3.93E-01	0.00E+00	0.00E+00	2.40E+00	4.35E-06	1.71E-03	3.62E-03	0.00E+00	-2.31E-04	4.33E-10	2.01E-08	1.47E-02	7.87E-01	0.00E+00	0.00E+00	2.00E+00	3.07E-03	3.22E+00	0.00E+00	2.59E-08	1.38E-08	1.01E-03	1.00E-07	3.49E-01	0.00E+00	3.22E+00	7.18E-07	3.22E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
MC263A	3.86E-03	4.08E-01	1.45E-02	3.92E-01	0.00E+00	0.00E+00	2.41E+00	4.38E-06	2.37E-03	3.61E-03	0.00E+00	-2.58E-04	4.55E-10	2.56E-08	1.47E-02	8.26E-01	0.00E+00	0.00E+00	2.05E+00	3.51E-03	3.23E+00	0.00E+00	2.59E-08	1.39E-08	1.02E-03	1.11E-07	3.56E-01	0.00E+00	3.23E+00	7.23E-07	3.23E+00	3.53E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.57E+01
MC301A	3.38E-03	5.85E-01	1.63E-02	5.72E-01	0.00E+00	0.00E+00	3.17E+00	5.80E-06	5.25E-04	5.07E-03	0.00E+00	-3.32E-04	5.68E-10	7.87E-09	2.09E-02	8.61E-01	0.00E+00	0.00E+00	2.40E+00	4.15E-03	4.19E+00	0.00E+00	3.47E-08	1.76E-08	1.36E-03	1.57E-07	4.26E-01	0.00E+00	4.19E+00	7.65E-07	4.19E+00	4.63E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.62E+01
MC302A	3.47E-03	5.85E-01	1.63E-02	5.72E-01	0.00E+00	0.00E+00	3.17E+00	5.80E-06	1.18E-03	5.07E-03	0.00E+00	-3.25E-04	5.70E-10	1.39E-08	2.09E-02	8.59E-01	0.00E+00	0.00E+00	2.41E+00	3.99E-03	4.19E+00	0.00E+00	3.47E-08	1.76E-08	1.36E-03	1.54E-07	4.26E-01	0.00E+00	4.19E+00	7.67E-07	4.19E+00	4.63E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
MC303A	3.32E-03	5.85E-01	1.63E-02	5.72E-01	0.00E+00	0.00E+00	3.07E+00	5.62E-06	1.15E-03	5.07E-03	0.00E+00	-3.19E-04	5.69E-10	1.40E-08	2.01E-02	8.59E-01	0.00E+00	0.00E+00	2.41E+00	3.93E-03	4.19E+00	0.00E+00	3.47E-08	1.76E-08	1.36E-03	1.44E-07	4.27E-01	0.00E+00	4.19E+00	7.62E-07	4.19E+00	4.62E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
MC304A	3.33E-03	5.86E-01	1.62E-02	5.72E-01	0.00E+00	0.00E+00	3.03E+00	5.60E-06	1.15E-03	5.08E-03	0.00E+00	-3.19E-04	5.70E-10	1.40E-08	2.00E-02	8.62E-01	0.00E+00	0.00E+00	2.43E+00	3.91E-03	4.20E+00	0.00E+00	3.47E-08	1.77E-08	1.36E-03	1.42E-07	4.27E-01	0.00E+00	4.20E+00	7.66E-07	4.20E+00	4.63E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.68E+01
MC306A	2.13E-03	4.69E-01	1.29E-02	4.58E-01	0.00E+00	0.00E+00	2.61E+00	4.85E-06	7.80E-04	4.13E-03	0.00E+00	-2.23E-04	4.62E-10	9.98E-09	1.72E-02	6.68E-01	0.00E+00	0.00E+00	1.97E+00	3.07E-03	3.60E+00	0.00E+00	2.89E-08	1.40E-08	1.08E-03	1.15E-07	3.48E-01	0.00E+00	3.60E+00	7.10E-07	3.60E+00	3.95E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	6.96E+01
MC310A	2.20E-03	4.76E-01	1.36E-02	4.63E-01	0.00E+00	0.00E+00	2.70E+00	5.15E-06	8.78E-04	4.22E-03	0.00E+00	-2.17E-04	4.87E-10	1.10E-08	1.77E-02	6.80E-01	0.00E+00	0.00E+00	2.03E+00	2.90E-03	3.73E+00	0.00E+00	2.99E-08	1.45E-08	1.12E-03	1.11E-07	3.61E-01	0.00E+00	3.73E+00	7.62E-07	3.73E+00	4.08E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.27E+01
MC310P	1.98E-03	4.12E-01	1.16E-02	3.99E-01	0.00E+00	0.00E+00	2.29E+00	4.24E-06	7.68E-04	3.62E-03	0.00E+00	-2.03E-04	4.12E-10	9.54E-09	1.47E-02	6.17E-01	0.00E+00	0.00E+00	1.70E+00	2.66E-03	3.20E+00	0.00E+00	2.60E-08	1.22E-08	9.41E-04	1.01E-07	3.03E-01	0.00E+00	3.20E+00	7.75E-07	3.20E+00	3.49E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MC313A	2.35E-03	4.91E-01	1.33E-02	4.76E-01	0.00E+00	0.00E+00	2.73E+00	5.08E-06	9.42E-04	4.28E-03	0.00E+00	-2.20E-04	4.91E-10	1.17E-08	1.80E-02	7.07E-01	0.00E+00	0.00E+00	2.04E+00	2.92E-03	3.77E+00	0.00E+00	3.01E-08	1.46E-08	1.13E-03	1.12E-07	3.63E-01	0.00E+00	3.77E+00	7.54E-07	3.77E+00	4.12E+00	3.63E-01	0.00E+00	0.00E+00	0.00E+00	7.33E+01
MC316A	1.91E-03	4.11E-01	1.02E-02	4.00E-01	0.00E+00	0.00E+00	2.16E+00	3.99E-06	8.60E-04	3.58E-03	0.00E+00	-1.28E-04	3.59E-10	1.03E-08	1.40E-02	5.68E-01	0.00E+00	0.00E+00	1.60E+00	1.75E-03	3.05E+00	0.00E+00	2.51E-08	1.21E-08	9.33E-04	7.50E-08	2.91E-01	0.00E+00	3.05E+00	3.65E-07	3.05E+00	3.36E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	5.68E+01
MC316P	1.99E-03	4.13E-01	1.16E-02	4.00E-01	0.00E+00	0.00E+00	2.29E+00	4.23E-06	8.57E-04	3.64E-03	0.00E+00	-2.04E-04	4.16E-10	1.06E-08	1.47E-02	6.19E-01	0.00E+00	0.00E+00	1.70E+00	2.70E-03	3.20E+00	0.00E+00	2.60E-08	1.22E-08	9.45E-04	1.01E-07	3.03E-01	0.00E+00	3.20E+00	7.71E-07	3.20E+00	3.49E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
MC320A	2.57E-03	4.92E-01	1.40E-02	4.76E-01	0.00E+00	0.00E+00	2.81E+00	5.29E-06	1.19E-03	4.29E-03	0.00E+00	-2.16E-04	5.17E-10	1.43E-08	1.82E-02	7.55E-01	0.00E+00	0.00E+00	2.18E+00	2.87E-03	3.82E+00	0.00E+00	3.06E-08	1.53E-08	1.13E-03	1.11E-07	3.85E-01	0.00E+00	3.82E+00	7.55E-07	3.82E+00	4.20E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	7.81E+01
MC325A	2.93E-03	5.03E-01	1.58E-02	4.83E-01	0.00E+00	0.00E+00	2.96E+00	5.49E-06	1.50E-03	4.38E-03	0.00E+00	-2.25E-04	5.38E-10	1.74E-08	1.90E-02	8.11E-01	0.00E+00	0.00E+00	2.33E+00	2.93E-03	3.98E+00	0.00E+00	3.22E-08	1.64E-08	1.16E-03	1.13E-07	4.11E-01	0.00E+00	3.98E+00	2.79E-07	3.98E+00	4.41E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.41E+01
MC332A	4.63E-03	5.94E-01	1.93E-02	5.75E-01	0.00E+00	0.00E+00	3.39E+00	6.05E-06	2.62E-03	5.25E-03	0.00E+00	-2.32E-04	6.33E-10	2.88E-08	2.17E-02	1.05E+00	0.00E+00	0.00E+00	2.75E+00	3.11E-03	4.46E+00	0.00E+00	3.65E-08	1.98E-08	1.49E-03	1.21E-07	4.92E-01	0.00E+00	4.46E+00	2.77E-07	4.46E+00	4.94E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MC340A	4.89E-03	5.90E-01	1.96E-02	5.70E-01	0.00E+00	0.00E+00	3.21E+00	5.82E-06	2.86E-03	5.24E-03	0.00E+00	-3.75E-04	6.18E-10	3.15E-08	2.06E-02	1.08E+00	0.00E+00	0.00E+00	2.75E+00	4.87E-03	4.43E+00	0.00E+00	3.64E-08	1.99E-08	1.48E-03	1.62E-07	4.89E-01	0.00E+00	4.43E+00	7.12E-07	4.43E+00	4.91E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MC350A	5.73E-03	6.09E-01	2.17E-02	5.88E-01	0.00E+00	0.00E+00	3.62E+00	6.57E-06	3.41E-03	5.48E-03	0.00E+00	-3.82E-04	6.86E-10	3.75E-08	2.22E-02	1.22E+00	0.00E+00	0.00E+00	3.13E+00	4.98E-03	4.88E+00	0.00E+00	3.95E-08	2.18E-08	1.60E-03	1.68E-07	5.53E-01	0.00E+00	4.88E+00	7.39E-07	4.88E+00	5.44E+00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MC363A	5.80E-03	6.13E-01	2.19E-02	5.92E-01	0.00E+00	0.00E+00	3.67E+00	6.74E-06	3.46E-03	5.51E-03	0.00E+00	-3.87E-04	7.13E-10	3.80E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.22E+00	5.00E-03	4.92E+00	0.00E+00	3.98E-08	2.21E-08	1.60E-03	1.71E-07	5.63E-01	0.00E+00	4.92E+00	7.53E-07	4.92E+00	5.48E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MC400A	4.00E-03	7.08E-01	2.43E-02	6.79E-01	0.00E+00	0.00E+00	4.36E+00	7.82E-06	1.16E-03	6.25E-03	0.00E+00	-3.47E-04	8.34E-10	1.57E-08	2.71E-02	1.31E+00	0.00E+00	0.00E+00	3.73E+00	4.33E-03	6.03E+00	0.00E+00	4.87E-08	2.62E-08	1.84E-03	1.78E-07	6.64E-01	0.00E+00	6.03E+00	2.98E-07	6.03E+00	6.66E+00	6.64E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
MC406A	2.87E-03	6.20E-01	1.78E-02	6.01E-01	0.00E+00	0.00E+00	3.44E+00	6.64E-06	9.92E-04	5.33E-03	0.00E+00	-3.12E-04	6.04E-10	1.33E-08	2.23E-02	8.84E-01	0.00E+00	0.00E+00	2.59E+00	4.23E-03	4.81E+00	0.00E+00	3.80E-08	1.88E-08	1.43E-03	1.64E-07	4.62E-01	0.00E+00	4.81E+00	8.90E-07	4.81E+00	5.18E+00	4.62E-01	0.00E+00	0.00E+00	0.00E+00	9.43E+01
MC410A	2.93E-03	6.20E-01	1.79E-02	6.01E-01	0.00E+00	0.00E+00	3.49E+00	6.76E-06	1.23E-03	5.37E-03	0.00E+00	-3.23E-04	6.18E-10	1.52E-08	2.29E-02	8.97E-01	0.00E+00	0.00E+00	2.62E+00	4.33E-03	4.83E+00	0.00E+00	3.82E-08	1.88E-08	1.44E-03	1.65E-07	4.67E-01	0.00E+00	4.83E+00	9.06E-07	4.83E+00	5.21E+00	4.67E-01	0.00E+00	0.00E+00	0.00E+00	9.48E+01
MC413A	3.05E-03	6.24E-01	1.97E-02	6.03E-01	0.00E+00	0.00E+00	3.61E+00	6.93E-06	1.32E-03	5.42E-03	0.00E+00	-3.22E-04	6.45E-10	1.62E-08	2.31E-02	9.37E-01	0.00E+00	0.00E+00	2.69E+00	4.36E-03	4.99E+00	0.00E+00	3.92E-08	1.93E-08	1.45E-03	1.80E-07	4.76E-01	0.00E+00	4.99E+00	9.09E-07	4.99E+00	5.39E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	9.69E+01
MC416A	2.87E-03	5.71E-01	1.65E-02	5.53E-01	0.00E+00	0.00E+00	3.27E+00	6.09E-06	1.25E-03	5.04E-03	0.00E+00	-2.90E-04	5.78E-10	1.50E-08	2.11E-02	8.75E-01	0.00E+00	0.00E+00	2.36E+00	4.11E-03	4.33E+00	0.00E+00	3.50E-08	1.77E-08	1.36E-03	1.51E-07	4.26E-01	0.00E+00	4.33E+00	7.58E-07	4.33E+00	4.71E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.46E+01
MC420A	3.26E-03	6.30E-01	2.00E-02	6.07E-01	0.00E+00	0.00E+00	3.77E+00	6.98E-06	1.55E-03	5.46E-03	0.00E+00	-3.21E-04	6.74E-10	1.85E-08	2.35E-02	9.97E-01	0.00E+00	0.00E+00	2.91E+00	4.36E-03	5.07E+00	0.00E+00	4.07E-08	2.01E-08	1.48E-03	1.80E-07	5.12E-01	0.00E+00	5.07E+00	9.07E-07	5.07E+00	5.60E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MC425A	4.72E-03	6.45E-01	2.33E-02	6.24E-01	0.00E+00	0.00E+00	3.83E+00	7.07E-06	2.73E-03	5.63E-03	0.00E+00	-3.12E-04	6.92E-10	2.98E-08	2.46E-02	1.11E+00	0.00E+00	0.00E+00	2.94E+00	4.29E-03	5.14E+00	0.00E+00	4.12E-08	2.05E-08	1.53E-03	1.75E-07	5.24E-01	0.00E+00	5.14E+00	2.81E-07	5.14E+00	5.67E+00	5.24E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MC432A	6.30E-03	7.89E-01	2.46E-02	7.65E-01	0.00E+00	0.00E+00	4.32E+00	7.87E-06	3.71E-03	7.02E-03	0.00E+00	-3.26E-04	8.24E-10	4.07E-08	2.71E-02	1.44E+00	0.00E+00	0.00E+00	3.69E+00	4.49E-03	6.02E+00	0.00E+00	4.92E-08	2.66E-08	1.98E-03	1.91E-07	6.59E-01	0.00E+00	6.02E+00	8.67E-07	6.02E+00	6.67E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MC440A	6.37E-03	8.00E-01	2.55E-02	7.74E-01	0.00E+00	0.00E+00	4.33E+00	7.92E-06	3.75E-03	7.10E-03	0.00E+00	-4.53E-04	8.43E-10	4.12E-08	2.74E-02	1.44E+00	0.00E+00	0.00E+00	3.72E+00	6.04E-03	6.07E+00	0.00E+00	4.96E-08	2.67E-08	2.00E-03	2.11E-07	6.61E-01	0.00E+00	6.07E+00	8.64E-07	6.07E+00	6.73E+00	6.61E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MC450A	7.68E-03	8.30E-01	2.87E-02	8.04E-01	0.00E+00	0.00E+00	4.96E+00	9.00E-06	4.67E-03	7.41E-03	0.00E+00	-4.56E-04	9.32E-10	5.09E-08	2.99E-02	1.67E+00	0.00E+00	0.00E+00	4.29E+00	5.98E-03	6.64E+00	0.00E+00	5.35E-08	2.94E-08	2.15E-03	2.12E-07	7.64E-01	0.00E+00	6.64E+00	8.92E-07	6.64E+00	7.40E+00	7.64E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
MC463A	7.75E-03	8.36E-01	2.91E-02	8.10E-01	0.00E+00	0.00E+00	5.01E+00	9.21E-06	4.72E-03	7.47E-03	0.00E+00	-4.62E-04	9.66E-10	5.13E-08	3.02E-02	1.68E+00	0.00E+00	0.00E+00	4.37E+00	5.98E-03	6.75E+00	0.00E+00	5.39E-08	2.98E-08	2.16E-03	2.12E-07	7.74E-01	0.00E+00	6.75E+00	9.13E-07	6.75E+00	7.48E+00	7.74E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
MC506A	1.24E-03	3.20E-01	9.67E-03	3.10E-01	0.00E+00	0.00E+00	1.79E+00	3.44E-06	5.09E-04	2.80E-03	0.00E+00	-1.68E-04	3.29E-10	6.56E-09	1.16E-02	4.95E-01	0.00E+00	0.00E+00	1.36E+00	2.31E-03	2.51E+00	0.00E+00	1.98E-08	9.54E-09	7.48E-04	8.06E-08	2.44E-01	0.00E+00	2.51E+00	7.17E-07	2.51E+00	2.71E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MC510A	1.41E-03	3.21E-01	9.69E-03	3.09E-01	0.00E+00	0.00E+00	1.80E+00	3.45E-06	6.97E-04	2.80E-03	0.00E+00	-1.64E-04	3.29E-10	8.21E-09	1.16E-02	4.99E-01	0.00E+00	0.00E+00	1.37E+00	2.22E-03	2.53E+00	0.00E+00	1.98E-08	9.67E-09	7.48E-04	8.05E-08	2.45E-01	0.00E+00	2.53E+00	7.30E-07	2.53E+00	2.73E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	4.93E+01
MC513A	1.58E-03	3.21E-01	9.40E-03	3.13E-01	0.00E+00	0.00E+00	1.82E+00	3.58E-06	7.51E-04	2.81E-03	0.00E+00	-1.67E-04	3.35E-10	9.03E-09	1.20E-02	5.07E-01	0.00E+00	0.00E+00	1.42E+00	2.22E-03	2.60E+00	0.00E+00	2.06E-08	1.03E-08	7.51E-04	7.78E-08	2.51E-01	0.00E+00	2.60E+00	7.32E-07	2.60E+00	2.82E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.11E+01
MC516A	1.64E-03	3.22E-01	9.41E-03	3.13E-01	0.00E+00	0.00E+00	1.83E+00	3.60E-06	8.04E-04	2.82E-03	0.00E+00	-1.67E-04	3.31E-10	9.60E-09	1.20E-02	5.09E-01	0.00E+00	0.00E+00	1.41E+00	2.23E-03	2.59E+00	0.00E+00	2.05E-08	1.03E-08	7.51E-04	7.78E-08	2.51E-01	0.00E+00	2.59E+00	7.34E-07	2.59E+00	2.82E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
MC520A	1.80E-03	3.23E-01	9.53E-03	3.14E-01	0.00E+00	0.00E+00	1.87E+00	3.61E-06	8.83E-04	2.84E-03	0.00E+00	-1.66E-04	3.38E-10	1.06E-08	1.21E-02	5.21E-01	0.00E+00	0.00E+00	1.45E+00	2.22E-03	2.61E+00	0.00E+00	2.07E-08	1.05E-08	7.53E-04	8.02E-08	2.57E-01	0.00E+00	2.61E+00	7.22E-07	2.61E+00	2.84E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	5.21E+01
MC525A	2.09E-03	3.26E-01	9.84E-03	3.18E-01	0.00E+00	0.00E+00	1.90E+00	3.55E-06	1.05E-03	2.89E-03	0.00E+00	-1.69E-04	3.49E-10	1.26E-08	1.23E-02	5.52E-01	0.00E+00	0.00E+00	1.51E+00	2.26E-03	2.61E+00	0.00E+00	2.09E-08	1.06E-08	7.57E-04	8.00E-08	2.66E-01	0.00E+00	2.61E+00	4.53E-07	2.61E+00	2.87E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.46E+01
MC532A	2.81E-03	3.94E-01	1.16E-02	3.80E-01	0.00E+00	0.00E+00	2.16E+00	3.97E-06	1.51E-03	3.50E-03	0.00E+00	-1.73E-04	3.91E-10	1.64E-08	1.36E-02	6.75E-01	0.00E+00	0.00E+00	1.80E+00	2.27E-03	3.05E+00	0.00E+00	2.47E-08	1.32E-08	9.80E-04	8.22E-08	3.22E-01	0.00E+00	3.05E+00	7.01E-07	3.05E+00	3.37E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.53E+01
MC540A	3.26E-03	3.97E-01	1.33E-02	3.86E-01	0.00E+00	0.00E+00	2.19E+00	4.18E-06	1.91E-03	3.53E-03	0.00E+00	-2.49E-04	4.20E-10	2.09E-08	1.38E-02	7.32E-01	0.00E+00	0.00E+00	1.98E+00	3.37E-03	3.13E+00	0.00E+00	2.50E-08	1.34E-08	9.94E-04	1.08E-07	3.48E-01	0.00E+00	3.13E+00	6.96E-07	3.13E+00	3.44E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.20E+01
MC563A	4.11E-03	4.10E-01	1.45E-02	3.94E-01	0.00E+00	0.00E+00	2.42E+00	4.52E-06	2.42E-03	3.66E-03	0.00E+00	-2.63E-04	4.60E-10	2.72E-08	1.49E-02	8.27E-01	0.00E+00	0.00E+00	2.11E+00	3.61E-03	3.28E+00	0.00E+00	2.63E-08	1.43E-08	1.04E-03	1.15E-07	3.69E-01	0.00E+00	3.28E+00	7.23E-07	3.28E+00	3.62E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+01
MCA103	9.19E-04	1.70E-01	6.04E-03	1.62E-01	0.00E+00	0.00E+00	9.56E-01	1.74E-06	4.06E-04	1.58E-03	0.00E+00	-1.60E-04	1.77E-10	5.02E-09	6.15E-03	2.55E-01	0.00E+00	0.00E+00	7.61E-01	2.12E-03	1.33E+00	0.00E+00	1.08E-08	5.55E-09	4.10E-04	5.85E-08	1.36E-01	0.00E+00	1.33E+00	2.40E-07	1.33E+00	1.46E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
MCA104	9.17E-04	1.70E-01	5.84E-03	1.62E-01	0.00E+00	0.00E+00	9.64E-01	1.75E-06	4.14E-04	1.58E-03	0.00E+00	-1.60E-04	1.72E-10	5.11E-09	6.16E-03	2.55E-01	0.00E+00	0.00E+00	7.54E-01	2.11E-03	1.32E+00	0.00E+00	1.08E-08	5.67E-09	4.09E-04	5.85E-08	1.35E-01	0.00E+00	1.32E+00	2.41E-07	1.32E+00	1.46E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
MCA140	1.54E-03	1.89E-01	6.99E-03	1.80E-01	0.00E+00	0.00E+00	1.09E+00	1.99E-06	9.69E-04	1.75E-03	0.00E+00	-1.61E-04	1.98E-10	1.06E-08	7.12E-03	3.49E-01	0.00E+00	0.00E+00	8.84E-01	2.06E-03	1.52E+00	0.00E+00	1.23E-08	6.52E-09	4.55E-04	6.07E-08	1.57E-01	0.00E+00	1.52E+00	2.43E-07	1.52E+00	1.69E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
MCA150	1.59E-03	1.90E-01	6.25E-03	1.85E-01	0.00E+00	0.00E+00	1.09E+00	1.99E-06	9.28E-04	1.67E-03	0.00E+00	-2.08E-04	2.01E-10	1.03E-08	6.55E-03	3.64E-01	0.00E+00	0.00E+00	9.11E-01	2.93E-03	1.52E+00	0.00E+00	1.25E-08	6.78E-09	4.73E-04	7.63E-08	1.64E-01	0.00E+00	1.52E+00	2.59E-07	1.52E+00	1.71E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
MCA163	1.78E-03	1.81E-01	7.16E-03	1.75E-01	0.00E+00	0.00E+00	1.13E+00	2.08E-06	1.07E-03	1.67E-03	0.00E+00	-1.65E-04	2.07E-10	1.19E-08	7.09E-03	3.66E-01	0.00E+00	0.00E+00	9.51E-01	2.18E-03	1.56E+00	0.00E+00	1.26E-08	6.90E-09	4.88E-04	6.19E-08	1.70E-01	0.00E+00	1.56E+00	2.46E-07	1.56E+00	1.73E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
MCA202	1.95E-03	3.09E-01	1.14E-02	2.96E-01	0.00E+00	0.00E+00	2.06E+00	3.96E-06	8.69E-04	2.81E-03	0.00E+00	-3.20E-04	3.59E-10	1.02E-08	1.43E-02	5.53E-01	0.00E+00	0.00E+00	1.65E+00	4.16E-03	3.08E+00	0.00E+00	2.56E-08	1.24E-08	8.10E-04	1.44E-07	2.94E-01	0.00E+00	3.08E+00	6.15E-07	3.08E+00	3.49E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	5.78E+01
MCA204	1.77E-03	3.76E-01	1.22E-02	3.64E-01	0.00E+00	0.00E+00	1.98E+00	3.82E-06	7.77E-04	3.27E-03	0.00E+00	-4.28E-04	3.98E-10	9.34E-09	1.34E-02	5.45E-01	0.00E+00	0.00E+00	1.61E+00	5.68E-03	2.90E+00	0.00E+00	2.32E-08	1.16E-08	8.59E-04	1.66E-07	2.79E-01	0.00E+00	2.90E+00	6.12E-07	2.90E+00	3.17E+00	2.79E-01	0.00E+00	0.00E+00	0.00E+00	5.81E+01
MCA206	1.53E-03	3.57E-01	1.09E-02	3.46E-01	0.00E+00	0.00E+00	1.83E+00	3.43E-06	6.49E-04	3.08E-03	0.00E+00	-3.71E-04	3.31E-10	7.90E-09	1.25E-02	4.91E-01	0.00E+00	0.00E+00	1.39E+00	4.93E-03	2.63E+00	0.00E+00	2.13E-08	1.04E-08	7.95E-04	1.46E-07	2.49E-01	0.00E+00	2.63E+00	5.05E-07	2.63E+00	2.88E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	4.96E+01
MCA210	1.59E-03	3.24E-01	1.10E-02	3.13E-01	0.00E+00	0.00E+00	1.87E+00	3.56E-06	7.16E-04	2.83E-03	0.00E+00	-3.71E-04	3.46E-10	8.84E-09	1.24E-02	4.98E-01	0.00E+00	0.00E+00	1.45E+00	4.93E-03	2.59E+00	0.00E+00	2.07E-08	1.02E-08	7.46E-04	1.45E-07	2.54E-01	0.00E+00	2.59E+00	5.02E-07	2.59E+00	2.85E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
MCA216	1.76E-03	3.29E-01	1.14E-02	3.17E-01	0.00E+00	0.00E+00	1.93E+00	3.66E-06	8.34E-04	2.88E-03	0.00E+00	-3.71E-04	3.58E-10	1.01E-08	1.26E-02	5.25E-01	0.00E+00	0.00E+00	1.50E+00	4.93E-03	2.66E+00	0.00E+00	2.13E-08	1.05E-08	7.68E-04	1.45E-07	2.65E-01	0.00E+00	2.66E+00	5.04E-07	2.66E+00	2.93E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
MCA220	2.42E-03	3.43E-01	1.27E-02	3.30E-01	0.00E+00	0.00E+00	2.13E+00	3.99E-06	1.32E-03	3.04E-03	0.00E+00	-3.71E-04	4.01E-10	1.52E-08	1.34E-02	6.23E-01	0.00E+00	0.00E+00	1.71E+00	4.93E-03	2.87E+00	0.00E+00	2.29E-08	1.18E-08	8.44E-04	1.47E-07	3.01E-01	0.00E+00	2.87E+00	5.01E-07	2.87E+00	3.17E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MCA225	2.42E-03	3.43E-01	1.27E-02	3.30E-01	0.00E+00	0.00E+00	2.13E+00	3.99E-06	1.32E-03	3.04E-03	0.00E+00	-3.71E-04	4.01E-10	1.52E-08	1.34E-02	6.23E-01	0.00E+00	0.00E+00	1.72E+00	4.93E-03	2.87E+00	0.00E+00	2.29E-08	1.18E-08	8.44E-04	1.47E-07	3.01E-01	0.00E+00	2.87E+00	5.01E-07	2.87E+00	3.17E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MCA232	2.98E-03	3.88E-01	1.38E-02	3.74E-01	0.00E+00	0.00E+00	2.24E+00	4.14E-06	1.71E-03	3.43E-03	0.00E+00	-3.71E-04	4.28E-10	1.89E-08	1.42E-02	7.06E-01	0.00E+00	0.00E+00	1.86E+00	4.94E-03	3.08E+00	0.00E+00	2.48E-08	1.31E-08	9.62E-04	1.49E-07	3.28E-01	0.00E+00	3.08E+00	4.98E-07	3.08E+00	3.40E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
MCA240	3.65E-03	3.98E-01	1.50E-02	3.83E-01	0.00E+00	0.00E+00	2.36E+00	4.32E-06	2.21E-03	3.55E-03	0.00E+00	-3.80E-04	4.58E-10	2.41E-08	1.46E-02	7.95E-01	0.00E+00	0.00E+00	2.02E+00	5.05E-03	3.21E+00	0.00E+00	2.59E-08	1.41E-08	1.03E-03	1.52E-07	3.56E-01	0.00E+00	3.21E+00	4.72E-07	3.21E+00	3.56E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
MCA250	3.77E-03	4.01E-01	1.53E-02	3.85E-01	0.00E+00	0.00E+00	2.40E+00	4.38E-06	2.30E-03	3.58E-03	0.00E+00	-3.80E-04	4.61E-10	2.50E-08	1.47E-02	8.13E-01	0.00E+00	0.00E+00	2.05E+00	5.05E-03	3.25E+00	0.00E+00	2.62E-08	1.44E-08	1.04E-03	1.52E-07	3.62E-01	0.00E+00	3.25E+00	4.68E-07	3.25E+00	3.61E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	7.52E+01
MCA263	3.80E-03	4.04E-01	1.55E-02	3.89E-01	0.00E+00	0.00E+00	2.44E+00	4.48E-06	2.31E-03	3.62E-03	0.00E+00	-3.80E-04	4.89E-10	2.52E-08	1.49E-02	8.24E-01	0.00E+00	0.00E+00	2.12E+00	5.05E-03	3.29E+00	0.00E+00	2.65E-08	1.46E-08	1.05E-03	1.52E-07	3.71E-01	0.00E+00	3.29E+00	4.93E-07	3.29E+00	3.66E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
MCA310	2.28E-03	4.50E-01	1.36E-02	4.38E-01	0.00E+00	0.00E+00	2.56E+00	4.82E-06	1.01E-03	4.05E-03	0.00E+00	-4.24E-04	4.79E-10	1.18E-08	1.75E-02	6.34E-01	0.00E+00	0.00E+00	1.86E+00	5.46E-03	3.46E+00	0.00E+00	2.87E-08	1.30E-08	1.07E-03	1.60E-07	3.33E-01	0.00E+00	3.46E+00	7.00E-07	3.46E+00	3.86E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.54E+01
MCA316	2.91E-03	4.59E-01	1.45E-02	4.46E-01	0.00E+00	0.00E+00	2.64E+00	5.21E-06	1.30E-03	4.19E-03	0.00E+00	-4.60E-04	5.02E-10	1.59E-08	1.85E-02	7.32E-01	0.00E+00	0.00E+00	2.06E+00	5.86E-03	3.88E+00	0.00E+00	3.26E-08	1.57E-08	1.16E-03	1.63E-07	3.69E-01	0.00E+00	3.88E+00	7.04E-07	3.88E+00	4.33E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.26E+01
MCA320	2.82E-03	4.70E-01	1.57E-02	4.53E-01	0.00E+00	0.00E+00	2.69E+00	5.35E-06	1.29E-03	4.32E-03	0.00E+00	-5.40E-04	5.29E-10	1.54E-08	1.88E-02	8.22E-01	0.00E+00	0.00E+00	2.27E+00	7.16E-03	4.04E+00	0.00E+00	3.39E-08	1.71E-08	1.22E-03	1.88E-07	4.04E-01	0.00E+00	4.04E+00	7.06E-07	4.04E+00	4.51E+00	4.04E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
MCA325	3.33E-03	4.79E-01	1.83E-02	4.69E-01	0.00E+00	0.00E+00	3.17E+00	5.76E-06	1.69E-03	4.42E-03	0.00E+00	-2.70E-04	5.88E-10	2.04E-08	2.04E-02	9.56E-01	0.00E+00	0.00E+00	2.71E+00	3.80E-03	4.23E+00	0.00E+00	3.49E-08	1.85E-08	1.30E-03	1.66E-07	4.79E-01	0.00E+00	4.23E+00	6.77E-07	4.23E+00	4.73E+00	4.79E-01	0.00E+00	0.00E+00	0.00E+00	9.77E+01
MCA332	4.24E-03	5.53E-01	1.88E-02	5.39E-01	0.00E+00	0.00E+00	3.04E+00	5.65E-06	2.25E-03	5.08E-03	0.00E+00	-5.82E-04	5.90E-10	2.56E-08	1.99E-02	1.02E+00	0.00E+00	0.00E+00	2.66E+00	7.75E-03	4.22E+00	0.00E+00	3.51E-08	1.87E-08	1.30E-03	1.92E-07	4.71E-01	0.00E+00	4.22E+00	6.96E-07	4.22E+00	4.71E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.72E+01
MCA340	3.60E-03	5.81E-01	2.03E-02	5.65E-01	0.00E+00	0.00E+00	3.22E+00	5.84E-06	1.98E-03	5.27E-03	0.00E+00	-4.08E-04	6.55E-10	2.23E-08	2.06E-02	1.05E+00	0.00E+00	0.00E+00	3.00E+00	5.24E-03	4.34E+00	0.00E+00	3.56E-08	2.02E-08	1.50E-03	1.75E-07	5.32E-01	0.00E+00	4.34E+00	6.96E-07	4.34E+00	4.87E+00	5.32E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
MCA350	4.46E-03	5.60E-01	2.09E-02	5.47E-01	0.00E+00	0.00E+00	3.26E+00	6.01E-06	2.54E-03	5.12E-03	0.00E+00	-5.79E-04	6.13E-10	2.82E-08	2.06E-02	1.10E+00	0.00E+00	0.00E+00	2.75E+00	7.70E-03	4.29E+00	0.00E+00	3.58E-08	1.93E-08	1.38E-03	1.72E-07	4.83E-01	0.00E+00	4.29E+00	2.39E-07	4.29E+00	4.81E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.96E+01

MCA410	3.19E-03	6.50E-01	2.21E-02	6.28E-01	0.00E+00	0.00E+00	3.75E+00	7.11E-06	1.43E-03	5.66E-03	0.00E+00	-7.42E-04	6.93E-10	1.77E-08	2.47E-02	9.96E-01	0.00E+00	0.00E+00	2.89E+00	9.86E-03	5.19E+00	0.00E+00	4.15E-08	2.04E-08	1.49E-03	2.90E-07	5.09E-01	0.00E+00	5.19E+00	1.01E-06	5.19E+00	5.70E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MCA416	3.56E-03	6.34E-01	2.25E-02	6.15E-01	0.00E+00	0.00E+00	3.76E+00	6.93E-06	1.72E-03	5.61E-03	0.00E+00	-6.70E-04	6.91E-10	2.07E-08	2.40E-02	1.04E+00	0.00E+00	0.00E+00	2.89E+00	8.83E-03	5.15E+00	0.00E+00	4.15E-08	2.06E-08	1.51E-03	2.60E-07	5.09E-01	0.00E+00	5.15E+00	9.57E-07	5.15E+00	5.67E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MCA420	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
MCA425	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
MCA432	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.96E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCA440	6.16E-03	8.38E-01	2.54E-02	8.45E-01	0.00E+00	0.00E+00	4.66E+00	8.42E-06	3.20E-03	7.58E-03	0.00E+00	-4.55E-04	8.96E-10	3.76E-08	2.79E-02	1.68E+00	0.00E+00	0.00E+00	4.41E+00	6.00E-03	6.28E+00	0.00E+00	5.10E-08	2.78E-08	2.10E-03	2.08E-07	7.54E-01	0.00E+00	6.28E+00	9.22E-07	6.28E+00	6.94E+00	7.54E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MCA450	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.38E-07	6.50E+00	7.23E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
MCA463	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
MCA506	1.53E-03	3.57E-01	1.09E-02	3.46E-01	0.00E+00	0.00E+00	1.83E+00	3.43E-06	6.49E-04	3.08E-03	0.00E+00	-3.71E-04	3.31E-10	7.90E-09	1.25E-02	4.91E-01	0.00E+00	0.00E+00	1.39E+00	4.93E-03	2.63E+00	0.00E+00	2.13E-08	1.04E-08	7.95E-04	1.46E-07	2.49E-01	0.00E+00	2.63E+00	5.05E-07	2.63E+00	2.88E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	4.96E+01
MCA510	1.48E-03	3.14E-01	1.20E-02	3.09E-01	0.00E+00	0.00E+00	1.80E+00	3.34E-06	7.82E-04	2.76E-03	0.00E+00	-2.52E-04	3.44E-10	9.41E-09	1.13E-02	5.13E-01	0.00E+00	0.00E+00	1.40E+00	3.74E-03	2.49E+00	0.00E+00	1.97E-08	1.00E-08	7.60E-04	1.18E-07	2.49E-01	0.00E+00	2.49E+00	6.91E-07	2.49E+00	2.69E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.14E+01
MCA516	1.91E-03	3.19E-01	1.16E-02	3.14E-01	0.00E+00	0.00E+00	1.89E+00	3.42E-06	9.63E-04	2.85E-03	0.00E+00	-2.41E-04	3.45E-10	1.13E-08	1.17E-02	5.28E-01	0.00E+00	0.00E+00	1.46E+00	3.51E-03	2.55E+00	0.00E+00	2.01E-08	1.02E-08	7.62E-04	1.09E-07	2.59E-01	0.00E+00	2.55E+00	6.73E-07	2.55E+00	2.76E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.30E+01
MCA520	1.89E-03	3.03E-01	1.12E-02	2.91E-01	0.00E+00	0.00E+00	2.06E+00	3.96E-06	8.92E-04	2.77E-03	0.00E+00	-3.06E-04	3.58E-10	1.05E-08	1.43E-02	5.53E-01	0.00E+00	0.00E+00	1.64E+00	4.00E-03	3.07E+00	0.00E+00	2.55E-08	1.23E-08	7.93E-04	1.34E-07	2.93E-01	0.00E+00	3.07E+00	6.03E-07	3.07E+00	3.49E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.77E+01
MCA525	2.46E-03	3.01E-01	1.12E-02	2.95E-01	0.00E+00	0.00E+00	2.08E+00	3.84E-06	1.06E-03	2.81E-03	0.00E+00	-2.16E-04	3.67E-10	1.29E-08	1.33E-02	6.53E-01	0.00E+00	0.00E+00	1.74E+00	2.99E-03	3.14E+00	0.00E+00	2.52E-08	1.38E-08	8.13E-04	9.27E-08	3.11E-01	0.00E+00	3.14E+00	6.41E-07	3.14E+00	3.49E+00	3.11E-01	0.00E+00	0.00E+00	0.00E+00	6.31E+01
MCA532	2.98E-03	3.88E-01	1.38E-02	3.74E-01	0.00E+00	0.00E+00	2.24E+00	4.14E-06	1.71E-03	3.43E-03	0.00E+00	-3.71E-04	4.28E-10	1.89E-08	1.42E-02	7.06E-01	0.00E+00	0.00E+00	1.86E+00	4.94E-03	3.08E+00	0.00E+00	2.48E-08	1.31E-08	9.62E-04	1.49E-07	3.28E-01	0.00E+00	3.08E+00	4.98E-07	3.08E+00	3.40E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
MCA540	2.38E-03	3.70E-01	1.22E-02	3.64E-01	0.00E+00	0.00E+00	2.32E+00	3.90E-06	1.08E-03	3.34E-03	0.00E+00	-2.66E-04	4.02E-10	1.28E-08	1.35E-02	6.29E-01	0.00E+00	0.00E+00	1.83E+00	3.74E-03	3.11E+00	0.00E+00	2.54E-08	1.35E-08	9.74E-04	1.17E-07	3.27E-01	0.00E+00	3.11E+00	6.72E-07	3.11E+00	3.51E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.46E+01
MCN001	1.03E-03	1.97E-01	6.53E-03	1.90E-01	0.00E+00	0.00E+00	1.01E+00	1.91E-06	4.85E-04	1.70E-03	0.00E+00	-2.40E-04	1.95E-10	5.70E-09	6.55E-03	2.82E-01	0.00E+00	0.00E+00	8.20E-01	3.26E-03	1.47E+00	0.00E+00	1.19E-08	5.99E-09	4.48E-04	9.42E-08	1.44E-01	0.00E+00	1.47E+00	2.75E-07	1.47E+00	1.62E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
MCN002	1.02E-03	1.92E-01	5.77E-03	1.86E-01	0.00E+00	0.00E+00	1.03E+00	1.94E-06	4.95E-04	1.67E-03	0.00E+00	-1.45E-04	2.00E-10	5.77E-09	6.55E-03	2.85E-01	0.00E+00	0.00E+00	8.27E-01	1.93E-03	1.44E+00	0.00E+00	1.16E-08	5.86E-09	4.42E-04	6.09E-08	1.45E-01	0.00E+00	1.44E+00	2.80E-07	1.44E+00	1.58E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	2.99E+01
MCN003	1.00E-03	2.00E-01	6.12E-03	1.93E-01	0.00E+00	0.00E+00	1.04E+00	1.92E-06	4.78E-04	1.77E-03	0.00E+00	-1.73E-04	1.94E-10	5.58E-09	6.74E-03	2.80E-01	0.00E+00	0.00E+00	8.09E-01	2.29E-03	1.45E+00	0.00E+00	1.17E-08	5.91E-09	4.47E-04	6.83E-08	1.44E-01	0.00E+00	1.45E+00	2.63E-07	1.45E+00	1.60E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
MCN004	9.52E-04	1.92E-01	6.66E-03	1.85E-01	0.00E+00	0.00E+00	1.00E+00	1.90E-06	4.46E-04	1.66E-03	0.00E+00	-2.73E-04	1.96E-10	5.25E-09	6.45E-03	2.74E-01	0.00E+00	0.00E+00	8.06E-01	3.62E-03	1.41E+00	0.00E+00	1.14E-08	5.72E-09	4.35E-04	1.02E-07	1.41E-01	0.00E+00	1.41E+00	2.66E-07	1.41E+00	1.55E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.91E+01
MCN006	6.68E-04	1.53E-01	4.62E-03	1.48E-01	0.00E+00	0.00E+00	8.50E-01	1.60E-06	2.82E-04	1.33E-03	0.00E+00	-1.31E-04	1.47E-10	3.54E-09	5.46E-03	2.15E-01	0.00E+00	0.00E+00	6.34E-01	1.74E-03	1.16E+00	0.00E+00	9.38E-09	4.54E-09	3.43E-04	5.39E-08	1.13E-01	0.00E+00	1.16E+00	2.25E-07	1.16E+00	1.28E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.25E+01
MCN008	6.82E-04	1.50E-01	4.23E-03	1.46E-01	0.00E+00	0.00E+00	8.65E-01	1.67E-06	2.84E-04	1.32E-03	0.00E+00	-7.26E-05	1.57E-10	3.60E-09	5.60E-03	2.21E-01	0.00E+00	0.00E+00	6.67E-01	9.75E-04	1.21E+00	0.00E+00	9.68E-09	4.72E-09	3.46E-04	3.54E-08	1.17E-01	0.00E+00	1.21E+00	2.65E-07	1.21E+00	1.33E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
MCN010	6.82E-04	1.50E-01	4.23E-03	1.46E-01	0.00E+00	0.00E+00	8.66E-01	1.68E-06	2.84E-04	1.32E-03	0.00E+00	-7.26E-05	1.57E-10	3.60E-09	5.60E-03	2.21E-01	0.00E+00	0.00E+00	6.68E-01	9.75E-04	1.21E+00	0.00E+00	9.69E-09	4.72E-09	3.46E-04	3.54E-08	1.17E-01	0.00E+00	1.21E+00	2.65E-07	1.21E+00	1.33E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
MCN013	7.52E-04	1.52E-01	4.40E-03	1.48E-01	0.00E+00	0.00E+00	8.95E-01	1.73E-06	3.32E-04	1.34E-03	0.00E+00	-7.26E-05	1.66E-10	4.12E-09	5.73E-03	2.33E-01	0.00E+00	0.00E+00	7.01E-01	9.75E-04	1.25E+00	0.00E+00	9.93E-09	4.90E-09	3.56E-04	3.56E-08	1.22E-01	0.00E+00	1.25E+00	2.69E-07	1.25E+00	1.37E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
MCN016	7.49E-04	1.52E-01	4.38E-03	1.48E-01	0.00E+00	0.00E+00	8.91E-01	1.72E-06	3.31E-04	1.34E-03	0.00E+00	-7.26E-05	1.62E-10	4.11E-09	5.71E-03	2.32E-01	0.00E+00	0.00E+00	6.92E-01	9.75E-04	1.24E+00	0.00E+00	9.90E-09	4.87E-09	3.54E-04	3.56E-08	1.21E-01	0.00E+00	1.24E+00	2.66E-07	1.24E+00	1.36E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
MCN020	8.13E-04	1.54E-01	4.54E-03	1.50E-01	0.00E+00	0.00E+00	9.18E-01	1.77E-06	3.75E-04	1.36E-03	0.00E+00	-7.26E-05	1.70E-10	4.58E-09	5.84E-03	2.43E-01	0.00E+00	0.00E+00	7.22E-01	9.76E-04	1.27E+00	0.00E+00	1.01E-08	5.03E-09	3.64E-04	3.58E-08	1.26E-01	0.00E+00	1.27E+00	2.70E-07	1.27E+00	1.40E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MCN025	9.69E-04	1.58E-01	4.90E-03	1.54E-01	0.00E+00	0.00E+00	9.77E-01	1.88E-06	4.87E-04	1.41E-03	0.00E+00	-7.26E-05	1.82E-10	5.78E-09	6.10E-03	2.68E-01	0.00E+00	0.00E+00	7.81E-01	9.76E-04	1.34E+00	0.00E+00	1.06E-08	5.37E-09	3.84E-04	3.62E-08	1.36E-01	0.00E+00	1.34E+00	2.73E-07	1.34E+00	1.47E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MCN032	1.62E-03	1.92E-01	6.07E-03	1.86E-01	0.00E+00	0.00E+00	1.08E+00	2.00E-06	9.51E-04	1.72E-03	0.00E+00	-7.62E-05	2.11E-10	1.05E-08	6.72E-03	3.58E-01	0.00E+00	0.00E+00	9.32E-01	1.03E-03	1.52E+00	0.00E+00	1.23E-08	6.66E-09	4.88E-04	3.89E-08	1.64E-01	0.00E+00	1.52E+00	2.57E-07	1.52E+00	1.68E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MCN040	1.62E-03	1.92E-01	6.07E-03	1.86E-01	0.00E+00	0.00E+00	1.09E+00	2.01E-06	9.51E-04	1.72E-03	0.00E+00	-7.62E-05	2.11E-10	1.05E-08	6.72E-03	3.58E-01	0.00E+00	0.00E+00	9.32E-01	1.03E-03	1.52E+00	0.00E+00	1.23E-08	6.66E-09	4.88E-04	3.89E-08	1.64E-01	0.00E+00	1.52E+00	2.57E-07	1.52E+00	1.68E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MCN099	1.02E-03	1.97E-01	6.39E-03	1.90E-01	0.00E+00	0.00E+00	1.01E+00	1.89E-06	4.75E-04	1.71E-03	0.00E+00	-2.26E-04	1.95E-10	5.61E-09	6.49E-03	2.81E-01	0.00E+00	0.00E+00	8.13E-01	3.03E-03	1.46E+00	0.00E+00	1.17E-08	5.93E-09	4.48E-04	8.33E-08	1.43E-01	0.00E+00	1.46E+00	2.63E-07	1.46E+00	1.60E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
MCN100	9.78E-04	1.93E-01	5.71E-03	1.87E-01	0.00E+00	0.00E+00	9.88E-01	1.89E-06	4.59E-04	1.68E-03	0.00E+00	-1.56E-04	1.94E-10	5.33E-09	6.49E-03	2.77E-01	0.00E+00	0.00E+00	8.05E-01	2.07E-03	1.44E+00	0.00E+00	1.16E-08	5.86E-09	4.44E-04	6.43E-08	1.41E-01	0.00E+00	1.44E+00	2.99E-07	1.44E+00	1.58E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.91E+01
MCN100E	1.01E-03	1.92E-01	6.39E-03	1.86E-01	0.00E+00	0.00E+00	1.01E+00	1.90E-06	4.73E-04	1.67E-03	0.00E+00	-2.16E-04	1.95E-10	5.59E-09	6.49E-03	2.82E-01	0.00E+00	0.00E+00	8.15E-01	2.79E-03	1.46E+00	0.00E+00	1.17E-08	5.92E-09	4.44E-04	7.53E-08	1.43E-01	0.00E+00	1.46E+00	2.67E-07	1.46E+00	1.60E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
MCN101	1.04E-03	1.96E-01	6.78E-03	1.89E-01	0.00E+00	0.00E+00	1.01E+00	1.93E-06	5.01E-04	1.70E-03	0.00E+00	-2.73E-04	1.98E-10	5.77E-09	6.58E-03	2.86E-01	0.00E+00	0.00E+00	8.24E-01	3.62E-03	1.46E+00	0.00E+00	1.18E-08	5.98E-09	4.52E-04	1.02E-07	1.44E-01	0.00E+00	1.46E+00	2.85E-07	1.46E+00	1.61E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.98E+01
MCN101E	1.04E-03	1.96E-01	6.78E-03	1.89E-01	0.00E+00	0.00E+00	1.01E+00	1.93E-06	5.01E-04	1.70E-03	0.00E+00	-2.73E-04	1.98E-10	5.77E-09	6.58E-03	2.86E-01	0.00E+00	0.00E+00	8.24E-01	3.62E-03	1.46E+00	0.00E+00	1.18E-08	5.98E-09	4.52E-04	1.02E-07	1.44E-01	0.00E+00	1.46E+00	2.85E-07	1.46E+00	1.61E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.98E+01
MCN102	1.02E-03	1.98E-01	6.04E-03	1.91E-01	0.00E+00	0.00E+00	9.98E-01	1.88E-06	4.85E-04	1.71E-03	0.00E+00	-1.71E-04	1.95E-10	5.65E-09	6.50E-03	2.81E-01	0.00E+00	0.00E+00	8.14E-01	2.32E-03	1.43E+00	0.00E+00	1.16E-08	5.87E-09	4.48E-04	6.66E-08	1.42E-01	0.00E+00	1.43E+00	2.73E-07	1.43E+00	1.57E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
MCN102E	1.03E-03	1.98E-01	5.73E-03	1.92E-01	0.00E+00	0.00E+00	1.00E+00	1.89E-06	4.98E-04	1.71E-03	0.00E+00	-1.45E-04	1.98E-10	5.73E-09	6.50E-03	2.83E-01	0.00E+00	0.00E+00	8.14E-01	1.93E-03	1.43E+00	0.00E+00	1.16E-08	5.87E-09	4.51E-04	6.10E-08	1.43E-01	0.00E+00	1.43E+00	2.77E-07	1.43E+00	1.57E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
MCN103	9.98E-04	1.95E-01	6.14E-03	1.88E-01	0.00E+00	0.00E+00	1.02E+00	1.89E-06	4.71E-04	1.72E-03	0.00E+00	-1.61E-04	1.94E-10	5.58E-09	6.61E-03	2.80E-01	0.00E+00	0.00E+00	8.10E-01	2.11E-03	1.45E+00	0.00E+00	1.17E-08	5.87E-09	4.43E-04	6.05E-08	1.42E-01	0.00E+00	1.45E+00	2.65E-07	1.45E+00	1.60E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
MCN103E	9.88E-04	1.93E-01	6.10E-03	1.88E-01	0.00E+00	0.00E+00	1.01E+00	1.90E-06	4.70E-04	1.68E-03	0.00E+00	-1.58E-04	1.95E-10	5.49E-09	6.48E-03	2.80E-01	0.00E+00	0.00E+00	8.08E-01	2.00E-03	1.45E+00	0.00E+00	1.16E-08	5.86E-09	4.44E-04	6.05E-08	1.42E-01	0.00E+00	1.45E+00	2.64E-07	1.45E+00	1.60E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.93E+01
MCN104	9.79E-04	2.00E-01	6.49E-03	1.92E-01	0.00E+00	0.00E+00	1.01E+00	1.86E-06	4.56E-04	1.76E-03	0.00E+00	-2.32E-04	1.93E-10	5.38E-09	6.54E-03	2.76E-01	0.00E+00	0.00E+00	7.99E-01	3.17E-03	1.41E+00	0.00E+00	1.15E-08	5.77E-09	4.44E-04	8.41E-08	1.39E-01	0.00E+00	1.41E+00	2.65E-07	1.41E+00	1.55E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
MCN104E	9.58E-04	1.98E-01	6.62E-03	1.91E-01	0.00E+00	0.00E+00	9.81E-01	1.85E-06	4.50E-04	1.70E-03	0.00E+00	-2.73E-04	1.94E-10	5.21E-09	6.40E-03	2.73E-01	0.00E+00	0.00E+00	7.93E-01	3.62E-03	1.40E+00	0.00E+00	1.14E-08	5.74E-09	4.44E-04	1.02E-07	1.39E-01	0.00E+00	1.40E+00	2.63E-07	1.40E+00	1.54E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MCN106	6.61E-04	1.52E-01	4.54E-03	1.47E-01	0.00E+00	0.00E+00	8.24E-01	1.55E-06	2.81E-04	1.31E-03	0.00E+00	-1.31E-04	1.43E-10	3.49E-09	5.33E-03	2.11E-01	0.00E+00	0.00E+00	6.16E-01	1.74E-03	1.14E+00	0.00E+00	9.18E-09	4.45E-09	3.40E-04	5.37E-08	1.10E-01	0.00E+00	1.14E+00	2.18E-07	1.14E+00	1.25E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
MCN106A	6.72E-04	1.57E-01	4.46E-03	1.51E-01	0.00E+00	0.00E+00	8.87E-01	1.64E-06	2.81E-04	1.40E-03	0.00E+00	-1.13E-04	1.51E-10	3.58E-09	5.82E-03	2.16E-01	0.00E+00	0.00E+00	6.48E-01	1.43E-03	1.18E+00	0.00E+00	9.62E-09	4.62E-09	3.50E-04	4.91E-08	1.16E-01	0.00E+00	1.18E+00	7.01E-07	1.18E+00	1.30E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MCN106E	6.61E-04	1.52E-01	4.54E-03	1.47E-01	0.00E+00	0.00E+00	8.24E-01	1.55E-06	2.81E-04	1.31E-03	0.00E+00	-1.31E-04	1.43E-10	3.49E-09	5.33E-03	2.11E-01	0.00E+00	0.00E+00	6.16E-01	1.74E-03	1.14E+00	0.00E+00	9.18E-09	4.45E-09	3.40E-04	5.37E-08	1.10E-01	0.00E+00	1.14E+00	2.18E-07	1.14E+00	1.25E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.19E+01
MCN110	6.22E-04	1.41E-01	3.84E-03	1.38E-01	0.00E+00	0.00E+00	7.21E-01	1.37E-06	2.70E-04	1.22E-03	0.00E+00	-5.24E-05	1.20E-10	3.23E-09	4.64E-03	1.89E-01	0.00E+00	0.00E+00	5.44E-01	7.03E-04	1.04E+00	0.00E+00	8.48E-09	4.12E-09	3.15E-04	2.84E-08	9.77E-02	0.00E+00	1.04E+00	2.12E-07	1.04E+00	1.14E+00	9.77E-02	0.00E+00	0.00E+00	0.00E+00	1.93E+01
MCN110A	6.43E-04	1.40E-01	3.84E-03	1.37E-01	0.00E+00	0.00E+00	8.01E-01	1.48E-06	2.65E-04	1.23E-03	0.00E+00	-4.91E-05	1.30E-10	3.31E-09	5.17E-03	2.10E-01	0.00E+00	0.00E+00	6.03E-01	6.34E-04	1.11E+00	0.00E+00	9.04E-09	4.40E-09	3.18E-04	2.74E-08	1.08E-01	0.00E+00	1.11E+00	2.12E-07	1.11E+00	1.22E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+01
MCN110E	6.88E-04	1.56E-01	4.34E-03	1.50E-01	0.00E+00	0.00E+00	8.78E-01	1.65E-06	2.86E-04	1.39E-03	0.00E+00	-7.43E-05	1.56E-10	3.60E-09	5.71E-03	2.22E-01	0.00E+00	0.00E+00	6.44E-01	1.00E-03	1.18E+00	0.00E+00	9.46E-09	4.71E-09	3.48E-04	3.61E-08	1.15E-01	0.00E+00	1.18E+00	2.59E-07	1.18E+00	1.30E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+01
MCN113	6.28E-04	1.38E-01	3.44E-03	1.35E-01	0.00E+00	0.00E+00	7.20E-01	1.35E-06	2.76E-04	1.21E-03	0.00E+00	-4.21E-05	1.18E-10	3.30E-09	4.60E-03	1.88E-01	0.00E+00	0.00E+00	5.36E-01	5.70E-04	1.03E+00	0.00E+00	8.39E-09	4.08E-09	3.13E-04	2.42E-08	9.70E-02	0.00E+00	1.03E+00	2.11E-07	1.03E+00	1.13E+00	9.70E-02	0.00E+00	0.00E+00	0.00E+00	1.90E+01
MCN113E	7.44E-04	1.51E-01	4.35E-03	1.47E-01	0.00E+00	0.00E+00	8.61E-01	1.66E-06	3.32E-04	1.33E-03	0.00E+00	-7.22E-05	1.60E-10	4.06E-09	5.56E-03	2.28E-01	0.00E+00	0.00E+00	6.51E-01	9.77E-04	1.18E+00	0.00E+00	9.43E-09	4.79E-09	3.50E-04	3.51E-08	1.15E-01	0.00E+00	1.18E+00	2.61E-07	1.18E+00	1.30E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
MCN116	6.15E-04	1.49E-01	3.66E-03	1.42E-01	0.00E+00	0.00E+00	7.61E-01	1.43E-06	2.65E-04	1.30E-03	0.00E+00	-4.73E-05	1.25E-10	3.21E-09	5.00E-03	1.89E-01	0.00E+00	0.00E+00	5.52E-01	6.31E-04	1.05E+00	0.00E+00	8.65E-09	4.20E-09	3.18E-04	2.71E-08	1.01E-01	0.00E+00	1.05E+00	6.54E-07	1.05E+00	1.15E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.97E+01
MCN116A	6.43E-04	1.42E-01	3.84E-03	1.38E-01	0.00E+00	0.00E+00	8.02E-01	1.49E-06	2.63E-04	1.23E-03	0.00E+00	-4.41E-05	1.34E-10	3.31E-09	5.02E-03	2.13E-01	0.00E+00	0.00E+00	6.09E-01	6.02E-04	1.10E+00	0.00E+00	8.94E-09	4.46E-09	3.18E-04	2.59E-08	1.09E-01	0.00E+00	1.10E+00	2.20E-07	1.10E+00	1.21E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
MCN116E	7.43E-04	1.52E-01	4.35E-03	1.47E-01	0.00E+00	0.00E+00	8.65E-01	1.66E-06	3.31E-04	1.33E-03	0.00E+00	-7.23E-05	1.59E-10	4.06E-09	5.59E-03	2.28E-01	0.00E+00	0.00E+00	6.67E-01	9.66E-04	1.20E+00	0.00E+00	9.54E-09	4.79E-09	3.52E-04	3.52E-08	1.17E-01	0.00E+00	1.20E+00	2.61E-07	1.20E+00	1.31E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
MCN120	7.76E-04	1.53E-01	4.52E-03	1.49E-01	0.00E+00	0.00E+00	8.83E-01	1.70E-06	3.61E-04	1.34E-03	0.00E+00	-8.50E-05	1.62E-10	4.33E-09	5.66E-03	2.32E-01	0.00E+00	0.00E+00	6.85E-01	1.15E-03	1.23E+00	0.00E+00	9.77E-09	4.81E-09	3.57E-04	4.10E-08	1.19E-01	0.00E+00	1.23E+00	2.63E-07	1.23E+00	1.35E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
MCN120A	8.26E-04	1.58E-01	4.65E-03	1.54E-01	0.00E+00	0.00E+00	9.14E-01	1.76E-06	3.99E-04	1.39E-03	0.00E+00	-7.69E-05	1.68E-10	4.83E-09	5.78E-03	2.46E-01	0.00E+00	0.00E+00	7.16E-01	1.03E-03	1.26E+00	0.00E+00	1.01E-08	5.04E-09	3.72E-04	3.81E-08	1.25E-01	0.00E+00	1.26E+00	2.65E-07	1.26E+00	1.39E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
MCN120E	8.05E-04	1.53E-01	4.46E-03	1.49E-01	0.00E+00	0.00E+00	8.92E-01	1.72E-06	3.74E-04	1.35E-03	0.00E+00	-7.26E-05	1.67E-10	4.53E-09	5.70E-03	2.39E-01	0.00E+00	0.00E+00	7.05E-01	9.75E-04	1.24E+00	0.00E+00	9.93E-09	4.94E-09	3.60E-04	3.56E-08	1.23E-01	0.00E+00	1.24E+00	2.64E-07	1.24E+00	1.37E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MCN125	9.62E-04	1.57E-01	4.82E-03	1.52E-01	0.00E+00	0.00E+00	9.52E-01	1.83E-06	4.86E-04	1.40E-03	0.00E+00	-7.26E-05	1.79E-10	5.72E-09	5.97E-03	2.64E-01	0.00E+00	0.00E+00	7.63E-01	9.76E-04	1.31E+00	0.00E+00	1.04E-08	5.29E-09	3.80E-04	3.60E-08	1.33E-01	0.00E+00	1.31E+00	2.67E-07	1.31E+00	1.44E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MCN125A	9.78E-04	1.63E-01	5.06E-03	1.58E-01	0.00E+00	0.00E+00	9.89E-01	1.89E-06	4.89E-04	1.46E-03	0.00E+00	-7.75E-05	1.82E-10	5.84E-09	6.13E-03	2.71E-01	0.00E+00	0.00E+00	7.89E-01	1.03E-03	1.34E+00	0.00E+00	1.07E-08	5.39E-09	3.94E-04	3.92E-08	1.38E-01	0.00E+00	1.34E+00	2.67E-07	1.34E+00	1.48E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MCN125E	9.62E-04	1.57E-01	4.82E-03	1.52E-01	0.00E+00	0.00E+00	9.52E-01	1.83E-06	4.86E-04	1.40E-03	0.00E+00	-7.26E-05	1.79E-10	5.72E-09	5.97E-03	2.64E-01	0.00E+00	0.00E+00	7.63E-01	9.76E-04	1.31E+00	0.00E+00	1.04E-08	5.29E-09	3.80E-04	3.60E-08	1.33E-01	0.00E+00	1.31E+00	2.67E-07	1.31E+00	1.44E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MCN132	1.61E-03	1.95E-01	6.06E-03	1.88E-01	0.00E+00	0.00E+00	1.09E+00	1.96E-06	9.51E-04	1.75E-03	0.00E+00	-8.19E-05	2.06E-10	1.04E-08	6.79E-03	3.53E-01	0.00E+00	0.00E+00	9.18E-01	1.13E-03	1.51E+00	0.00E+00	1.23E-08	6.66E-09	4.91E-04	4.22E-08	1.63E-01	0.00E+00	1.51E+00	2.54E-07	1.51E+00	1.67E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
MCN132A	1.63E-03	2.00E-01	6.10E-03	1.93E-01	0.00E+00	0.00E+00	1.09E+00	2.00E-06	9.41E-04	1.77E-03	0.00E+00	-8.24E-05	2.10E-10	1.04E-08	6.77E-03	3.59E-01	0.00E+00	0.00E+00	9.27E-01	1.14E-03	1.52E+00	0.00E+00	1.24E-08	6.68E-09	4.95E-04	4.32E-08	1.65E-01	0.00E+00	1.52E+00	2.48E-07	1.52E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MCN132E	1.62E-03	1.98E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.55E-04	1.76E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.66E-03	3.57E-01	0.00E+00	0.00E+00	9.18E-01	1.03E-03	1.51E+00	0.00E+00	1.23E-08	6.68E-09	4.98E-04	3.90E-08	1.62E-01	0.00E+00	1.51E+00	2.53E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MCN140	1.63E-03	1.94E-01	6.07E-03	1.88E-01	0.00E+00	0.00E+00	1.09E+00	1.94E-06	9.50E-04	1.74E-03	0.00E+00	-7.70E-05	2.05E-10	1.04E-08	6.54E-03	3.53E-01	0.00E+00	0.00E+00	9.19E-01	1.04E-03	1.46E+00	0.00E+00	1.20E-08	6.66E-09	4.92E-04	3.97E-08	1.63E-01	0.00E+00	1.46E+00	2.54E-07	1.46E+00	1.64E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MCN140A	1.62E-03	2.03E-01	6.10E-03	1.94E-01	0.00E+00	0.00E+00	1.11E+00	2.00E-06	9.51E-04	1.80E-03	0.00E+00	-7.89E-05	2.10E-10	1.04E-08	6.89E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.10E-03	1.53E+00	0.00E+00	1.24E-08	6.68E-09	4.95E-04	4.13E-08	1.65E-01	0.00E+00	1.53E+00	2.48E-07	1.53E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
MCN140E	1.62E-03	1.98E-01	6.03E-03	1.92E-01	0.00E+00	0.00E+00	1.06E+00	1.95E-06	9.55E-04	1.76E-03	0.00E+00	-7.62E-05	2.09E-10	1.04E-08	6.66E-03	3.57E-01	0.00E+00	0.00E+00	9.18E-01	1.03E-03	1.51E+00	0.00E+00	1.23E-08	6.68E-09	4.98E-04	3.90E-08	1.62E-01	0.00E+00	1.51E+00	2.53E-07	1.51E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MCN150	1.91E-03	2.06E-01	7.12E-03	1.99E-01	0.00E+00	0.00E+00	1.21E+00	2.24E-06	1.13E-03	1.85E-03	0.00E+00	-1.13E-04	2.31E-10	1.22E-08	7.30E-03	4.10E-01	0.00E+00	0.00E+00	1.05E+00	1.53E-03	1.65E+00	0.00E+00	1.34E-08	7.34E-09	5.36E-04	5.20E-08	1.84E-01	0.00E+00	1.65E+00	2.63E-07	1.65E+00	1.84E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.87E+01
MCN150A	1.84E-03	2.09E-01	6.85E-03	2.00E-01	0.00E+00	0.00E+00	1.20E+00	2.18E-06	1.11E-03	1.87E-03	0.00E+00	-1.13E-04	2.33E-10	1.19E-08	7.39E-03	4.02E-01	0.00E+00	0.00E+00	1.05E+00	1.60E-03	1.62E+00	0.00E+00	1.32E-08	7.15E-09	5.41E-04	5.23E-08	1.84E-01	0.00E+00	1.62E+00	2.53E-07	1.62E+00	1.80E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.82E+01
MCN150E	1.87E-03	2.05E-01	7.11E-03	1.99E-01	0.00E+00	0.00E+00	1.18E+00	2.20E-06	1.14E-03	1.83E-03	0.00E+00	-1.13E-04	2.26E-10	1.22E-08	7.29E-03	4.05E-01	0.00E+00	0.00E+00	1.01E+00	1.51E-03	1.63E+00	0.00E+00	1.32E-08	7.20E-09	5.22E-04	5.18E-08	1.80E-01	0.00E+00	1.63E+00	2.64E-07	1.63E+00	1.81E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.75E+01
MCN163	1.94E-03	2.06E-01	7.15E-03	1.99E-01	0.00E+00	0.00E+00	1.22E+00	2.26E-06	1.19E-03	1.86E-03	0.00E+00	-1.37E-04	2.40E-10	1.28E-08	7.33E-03	4.10E-01	0.00E+00	0.00E+00	1.07E+00	1.71E-03	1.66E+00	0.00E+00	1.34E-08	7.39E-09	5.37E-04	5.26E-08	1.86E-01	0.00E+00	1.66E+00	2.69E-07	1.66E+00	1.85E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
MCN163A	1.87E-03	2.09E-01	6.91E-03	2.00E-01	0.00E+00	0.00E+00	1.20E+00	2.19E-06	1.21E-03	1.87E-03	0.00E+00	-1.15E-04	2.37E-10	1.28E-08	7.40E-03	4.02E-01	0.00E+00	0.00E+00	1.05E+00	1.67E-03	1.62E+00	0.00E+00	1.32E-08	7.17E-09	5.40E-04	5.24E-08	1.84E-01	0.00E+00	1.62E+00	2.55E-07	1.62E+00	1.81E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.87E+01
MCN163E	1.94E-03	2.07E-01	7.16E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.26E-06	1.18E-03	1.86E-03	0.00E+00	-1.14E-04	2.39E-10	1.28E-08	7.32E-03	4.13E-01	0.00E+00	0.00E+00	1.07E+00	1.52E-03	1.67E+00	0.00E+00	1.34E-08	7.43E-09	5.39E-04	5.20E-08	1.87E-01	0.00E+00	1.67E+00	2.67E-07	1.67E+00	1.85E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
MCN200	2.00E-03	3.89E-01	1.21E-02	3.70E-01	0.00E+00	0.00E+00	2.03E+00	3.99E-06	5.21E-04	3.31E-03	0.00E+00	-3.84E-04	3.87E-10	7.11E-09	1.42E-02	5.52E-01	0.00E+00	0.00E+00	1.72E+00	5.20E-03	3.07E+00	0.00E+00	2.47E-08	1.22E-08	8.99E-04	1.49E-07	2.99E-01	0.00E+00	3.07E+00	5.09E-07	3.07E+00	3.38E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E+01
MCN200E	2.01E-03	3.89E-01	1.20E-02	3.70E-01	0.00E+00	0.00E+00	2.01E+00	3.94E-06	5.22E-04	3.29E-03	0.00E+00	-3.76E-04	3.87E-10	7.07E-09	1.41E-02	5.51E-01	0.00E+00	0.00E+00	1.72E+00	5.05E-03	3.01E+00	0.00E+00	2.44E-08	1.22E-08	8.98E-04	1.48E-07	2.99E-01	0.00E+00	3.01E+00	4.67E-07	3.01E+00	3.34E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.11E+01
MCN201	2.19E-03	3.90E-01	1.20E-02	3.76E-01	0.00E+00	0.00E+00	2.04E+00	4.03E-06	5.30E-04	3.35E-03	0.00E+00	-3.84E-04	3.87E-10	7.22E-09	1.43E-02	5.55E-01	0.00E+00	0.00E+00	1.72E+00	5.24E-03	3.11E+00	0.00E+00	2.50E-08	1.22E-08	9.03E-04	1.49E-07	3.00E-01	0.00E+00	3.11E+00	7.59E-07	3.11E+00	3.45E+00	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.11E+01
MCN201E	2.19E-03	3.89E-01	1.20E-02	3.76E-01	0.00E+00	0.00E+00	2.01E+00	3.98E-06	5.30E-04	3.33E-03	0.00E+00	-3.83E-04	3.87E-10	7.15E-09	1.42E-02	5.51E-01	0.00E+00	0.00E+00	1.72E+00	5.23E-03	3.06E+00	0.00E+00	2.48E-08	1.22E-08	9.02E-04	1.49E-07	3.00E-01	0.00E+00	3.06E+00	4.98E-07	3.06E+00	3.41E+00	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.12E+01
MCN202	2.19E-03	3.90E-01	1.20E-02	3.78E-01	0.00E+00	0.00E+00	2.06E+00	3.96E-06	5.30E-04	3.35E-03	0.00E+00	-3.67E-04	3.87E-10	7.20E-09	1.39E-02	5.56E-01	0.00E+00	0.00E+00	1.73E+00	5.07E-03	3.03E+00	0.00E+00	2.43E-08	1.21E-08	9.06E-04	1.46E-07	3.01E-01	0.00E+00	3.03E+00	7.21E-07	3.03E+00	3.34E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.11E+01
MCN202E	2.19E-03	3.89E-01	1.21E-02	3.76E-01	0.00E+00	0.00E+00	2.02E+00	3.87E-06	5.31E-04	3.33E-03	0.00E+00	-3.65E-04	3.87E-10	7.13E-09	1.36E-02	5.51E-01	0.00E+00	0.00E+00	1.72E+00	5.03E-03	2.96E+00	0.00E+00	2.40E-08	1.21E-08	9.04E-04	1.45E-07	2.98E-01	0.00E+00	2.96E+00	4.99E-07	2.96E+00	3.30E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	6.10E+01
MCN203	2.13E-03	3.89E-01	1.20E-02	3.71E-01	0.00E+00	0.00E+00	2.04E+00	4.00E-06	8.99E-04	3.31E-03	0.00E+00	-3.64E-04	3.87E-10	1.03E-08	1.43E-02	5.56E-01	0.00E+00	0.00E+00	1.72E+00	4.96E-03	3.07E+00	0.00E+00	2.47E-08	1.22E-08	9.02E-04	1.42E-07	3.01E-01	0.00E+00	3.07E+00	7.39E-07	3.07E+00	3.39E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.12E+01
MCN203E	2.06E-03	3.90E-01	1.20E-02	3.76E-01	0.00E+00	0.00E+00	2.02E+00	3.96E-06	8.84E-04	3.33E-03	0.00E+00	-3.62E-04	3.87E-10	1.01E-08	1.41E-02	5.51E-01	0.00E+00	0.00E+00	1.72E+00	4.99E-03	3.02E+00	0.00E+00	2.45E-08	1.22E-08	9.04E-04	1.42E-07	3.00E-01	0.00E+00	3.02E+00	5.07E-07	3.02E+00	3.35E+00	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.12E+01
MCN204	2.10E-03	3.88E-01	1.21E-02	3.71E-01	0.00E+00	0.00E+00	2.01E+00	3.82E-06	8.94E-04	3.29E-03	0.00E+00	-3.91E-04	3.86E-10	1.03E-08	1.33E-02	5.56E-01	0.00E+00	0.00E+00	1.65E+00	5.36E-03	2.91E+00	0.00E+00	2.34E-08	1.18E-08	8.63E-04	1.52E-07	2.90E-01	0.00E+00	2.91E+00	7.36E-07	2.91E+00	3.18E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.94E+01
MCN204E	1.90E-03	3.87E-01	1.27E-02	3.74E-01	0.00E+00	0.00E+00	1.96E+00	3.70E-06	8.94E-04	3.34E-03	0.00E+00	-4.88E-04	3.87E-10	1.04E-08	1.30E-02	5.49E-01	0.00E+00	0.00E+00	1.58E+00	6.48E-03	2.80E+00	0.00E+00	2.26E-08	1.14E-08	8.74E-04	1.85E-07	2.77E-01	0.00E+00	2.80E+00	5.27E-07	2.80E+00	3.07E+00	2.77E-01	0.00E+00	0.00E+00	0.00E+00	5.71E+01
MCN206	1.26E-03	3.00E-01	8.31E-03	2.93E-01	0.00E+00	0.00E+00	1.68E+00	3.23E-06	5.45E-04	2.64E-03	0.00E+00	-1.89E-04	2.93E-10	6.83E-09	1.11E-02	4.34E-01	0.00E+00	0.00E+00	1.27E+00	2.45E-03	2.34E+00	0.00E+00	1.87E-08	9.04E-09	6.71E-04	7.48E-08	2.27E-01	0.00E+00	2.34E+00	6.47E-07	2.34E+00	2.54E+00	2.27E-01	0.00E+00	0.00E+00	0.00E+00	4.53E+01
MCN206A	1.25E-03	3.00E-01	8.44E-03	2.95E-01	0.00E+00	0.00E+00	1.71E+00	3.29E-06	5.42E-04	2.64E-03	0.00E+00	-1.58E-04	3.15E-10	6.79E-09	1.13E-02	4.53E-01	0.00E+00	0.00E+00	1.31E+00	2.07E-03	2.38E+00	0.00E+00	1.91E-08	9.18E-09	6.90E-04	7.19E-08	2.35E-01	0.00E+00	2.38E+00	6.70E-07	2.38E+00	2.59E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.70E+01
MCN206E	1.32E-03	3.01E-01	8.61E-03	2.92E-01	0.00E+00	0.00E+00	1.65E+00	3.09E-06	5.60E-04	2.61E-03	0.00E+00	-2.03E-04	2.86E-10	6.97E-09	1.09E-02	4.28E-01	0.00E+00	0.00E+00	1.23E+00	2.72E-03	2.28E+00	0.00E+00	1.83E-08	8.90E-09	6.75E-04	8.89E-08	2.20E-01	0.00E+00	2.28E+00	4.41E-07	2.28E+00	2.50E+00	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.38E+01

MCN208E	1.36E-03	2.96E-01	8.28E-03	2.90E-01	0.00E+00	0.00E+00	1.68E+00	3.27E-06	6.12E-04	2.61E-03	0.00E+00	-1.53E-04	3.03E-10	7.43E-09	1.12E-02	4.39E-01	0.00E+00	0.00E+00	1.30E+00	1.98E-03	2.39E+00	0.00E+00	1.88E-08	9.23E-09	6.77E-04	7.00E-08	2.29E-01	0.00E+00	2.39E+00	7.17E-07	2.39E+00	2.59E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.66E+01
MCN210	1.36E-03	2.99E-01	8.36E-03	2.94E-01	0.00E+00	0.00E+00	1.70E+00	3.32E-06	6.23E-04	2.63E-03	0.00E+00	-1.57E-04	3.11E-10	7.61E-09	1.13E-02	4.49E-01	0.00E+00	0.00E+00	1.32E+00	2.05E-03	2.41E+00	0.00E+00	1.91E-08	9.29E-09	6.80E-04	7.15E-08	2.33E-01	0.00E+00	2.41E+00	7.30E-07	2.41E+00	2.62E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	4.75E+01
MCN210A	1.35E-03	3.00E-01	8.27E-03	2.94E-01	0.00E+00	0.00E+00	1.69E+00	3.30E-06	6.32E-04	2.64E-03	0.00E+00	-1.54E-04	3.06E-10	7.60E-09	1.13E-02	4.47E-01	0.00E+00	0.00E+00	1.32E+00	2.04E-03	2.41E+00	0.00E+00	1.89E-08	9.33E-09	6.81E-04	7.10E-08	2.32E-01	0.00E+00	2.41E+00	7.22E-07	2.41E+00	2.61E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.74E+01
MCN210E	1.34E-03	2.97E-01	8.29E-03	2.89E-01	0.00E+00	0.00E+00	1.68E+00	3.21E-06	5.64E-04	2.60E-03	0.00E+00	-1.45E-04	3.07E-10	7.08E-09	1.12E-02	4.38E-01	0.00E+00	0.00E+00	1.29E+00	1.95E-03	2.35E+00	0.00E+00	1.88E-08	9.19E-09	6.79E-04	7.04E-08	2.27E-01	0.00E+00	2.35E+00	4.99E-07	2.35E+00	2.58E+00	2.27E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
MCN213	1.48E-03	3.02E-01	8.64E-03	2.93E-01	0.00E+00	0.00E+00	1.74E+00	3.33E-06	6.60E-04	2.65E-03	0.00E+00	-1.45E-04	3.25E-10	8.12E-09	1.14E-02	4.62E-01	0.00E+00	0.00E+00	1.36E+00	1.95E-03	2.42E+00	0.00E+00	1.93E-08	9.53E-09	6.99E-04	7.08E-08	2.38E-01	0.00E+00	2.42E+00	5.08E-07	2.42E+00	2.66E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.89E+01
MCN213E	1.52E-03	3.01E-01	8.53E-03	2.92E-01	0.00E+00	0.00E+00	1.70E+00	3.27E-06	6.77E-04	2.64E-03	0.00E+00	-1.48E-04	3.12E-10	8.27E-09	1.13E-02	4.52E-01	0.00E+00	0.00E+00	1.34E+00	1.98E-03	2.41E+00	0.00E+00	1.92E-08	9.50E-09	6.90E-04	7.10E-08	2.32E-01	0.00E+00	2.41E+00	5.02E-07	2.41E+00	2.64E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.79E+01
MCN216	1.48E-03	3.01E-01	8.59E-03	2.92E-01	0.00E+00	0.00E+00	1.73E+00	3.30E-06	6.59E-04	2.64E-03	0.00E+00	-1.45E-04	3.17E-10	8.10E-09	1.14E-02	4.59E-01	0.00E+00	0.00E+00	1.34E+00	1.95E-03	2.41E+00	0.00E+00	1.92E-08	9.48E-09	6.97E-04	7.07E-08	2.36E-01	0.00E+00	2.41E+00	5.00E-07	2.41E+00	2.64E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MCN216A	1.30E-03	2.76E-01	7.60E-03	2.71E-01	0.00E+00	0.00E+00	1.55E+00	2.93E-06	6.15E-04	2.40E-03	0.00E+00	-8.73E-05	2.69E-10	7.33E-09	9.86E-03	4.30E-01	0.00E+00	0.00E+00	1.19E+00	1.19E-03	2.12E+00	0.00E+00	1.76E-08	8.65E-09	6.16E-04	4.91E-08	2.12E-01	0.00E+00	2.12E+00	3.94E-07	2.12E+00	2.37E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	4.23E+01
MCN216E	1.48E-03	3.01E-01	8.59E-03	2.92E-01	0.00E+00	0.00E+00	1.73E+00	3.30E-06	6.59E-04	2.64E-03	0.00E+00	-1.45E-04	3.17E-10	8.10E-09	1.14E-02	4.59E-01	0.00E+00	0.00E+00	1.34E+00	1.95E-03	2.41E+00	0.00E+00	1.92E-08	9.48E-09	6.97E-04	7.07E-08	2.36E-01	0.00E+00	2.41E+00	5.00E-07	2.41E+00	2.64E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MCN220	1.64E-03	3.06E-01	8.99E-03	2.97E-01	0.00E+00	0.00E+00	1.79E+00	3.43E-06	7.72E-04	2.70E-03	0.00E+00	-1.45E-04	3.36E-10	9.32E-09	1.17E-02	4.87E-01	0.00E+00	0.00E+00	1.41E+00	1.95E-03	2.48E+00	0.00E+00	1.98E-08	9.88E-09	7.20E-04	7.12E-08	2.48E-01	0.00E+00	2.48E+00	5.09E-07	2.48E+00	2.73E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
MCN220A	1.56E-03	2.90E-01	7.83E-03	2.81E-01	0.00E+00	0.00E+00	1.60E+00	3.15E-06	7.21E-04	2.54E-03	0.00E+00	-9.12E-05	2.88E-10	8.83E-09	1.10E-02	4.37E-01	0.00E+00	0.00E+00	1.30E+00	1.21E-03	2.46E+00	0.00E+00	1.95E-08	9.46E-09	6.62E-04	4.96E-08	2.25E-01	0.00E+00	2.46E+00	3.95E-07	2.46E+00	2.72E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.60E+01
MCN220E	1.67E-03	3.88E-01	6.02E-02	3.28E-01	0.00E+00	0.00E+00	1.80E+00	3.43E-06	7.90E-04	2.91E-03	0.00E+00	-6.49E-03	3.37E-10	9.57E-09	1.19E-02	4.87E-01	0.00E+00	0.00E+00	1.42E+00	8.57E-02	2.49E+00	0.00E+00	1.99E-08	9.83E-09	7.62E-04	2.10E-06	2.40E-01	0.00E+00	2.49E+00	-2.27E-07	2.49E+00	2.73E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	5.10E+01
MCN225	1.89E-03	3.17E-01	1.01E-02	3.08E-01	0.00E+00	0.00E+00	1.84E+00	3.49E-06	9.71E-04	2.79E-03	0.00E+00	-1.98E-04	3.43E-10	1.14E-08	1.19E-02	5.26E-01	0.00E+00	0.00E+00	1.48E+00	2.63E-03	2.54E+00	0.00E+00	2.02E-08	1.02E-08	7.56E-04	8.77E-08	2.58E-01	0.00E+00	2.54E+00	4.53E-07	2.54E+00	2.79E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	5.35E+01
MCN225A	1.90E-03	3.20E-01	9.84E-03	3.13E-01	0.00E+00	0.00E+00	1.91E+00	3.57E-06	9.75E-04	2.83E-03	0.00E+00	-1.60E-04	3.41E-10	1.14E-08	1.21E-02	5.32E-01	0.00E+00	0.00E+00	1.49E+00	2.22E-03	2.57E+00	0.00E+00	2.05E-08	1.04E-08	7.61E-04	7.79E-08	2.64E-01	0.00E+00	2.57E+00	4.90E-07	2.57E+00	2.83E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	5.38E+01
MCN225E	1.90E-03	3.17E-01	1.00E-02	3.07E-01	0.00E+00	0.00E+00	1.89E+00	3.55E-06	9.71E-04	2.79E-03	0.00E+00	-2.03E-04	3.48E-10	1.14E-08	1.20E-02	5.27E-01	0.00E+00	0.00E+00	1.49E+00	2.72E-03	2.55E+00	0.00E+00	2.04E-08	1.03E-08	7.55E-04	9.05E-08	2.61E-01	0.00E+00	2.55E+00	4.72E-07	2.55E+00	2.81E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	5.36E+01
MCN232	3.23E-03	3.89E-01	1.21E-02	3.78E-01	0.00E+00	0.00E+00	2.13E+00	3.93E-06	1.90E-03	3.45E-03	0.00E+00	-1.84E-04	4.16E-10	2.08E-08	1.35E-02	7.15E-01	0.00E+00	0.00E+00	1.82E+00	2.50E-03	3.05E+00	0.00E+00	2.47E-08	1.31E-08	9.79E-04	8.73E-08	3.23E-01	0.00E+00	3.05E+00	7.02E-07	3.05E+00	3.36E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MCN232A	3.25E-03	3.99E-01	1.22E-02	3.87E-01	0.00E+00	0.00E+00	2.16E+00	3.96E-06	1.91E-03	3.54E-03	0.00E+00	-1.72E-04	4.20E-10	2.09E-08	1.38E-02	7.21E-01	0.00E+00	0.00E+00	1.84E+00	2.29E-03	3.11E+00	0.00E+00	2.51E-08	1.33E-08	9.93E-04	8.32E-08	3.26E-01	0.00E+00	3.11E+00	6.97E-07	3.11E+00	3.40E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MCN232E	3.23E-03	3.89E-01	1.20E-02	3.77E-01	0.00E+00	0.00E+00	2.12E+00	3.87E-06	1.90E-03	3.46E-03	0.00E+00	-1.52E-04	4.16E-10	2.08E-08	1.35E-02	7.15E-01	0.00E+00	0.00E+00	1.83E+00	2.05E-03	2.98E+00	0.00E+00	2.43E-08	1.32E-08	9.80E-04	7.78E-08	3.23E-01	0.00E+00	2.98E+00	4.86E-07	2.98E+00	3.31E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MCN240	3.23E-03	3.88E-01	1.27E-02	3.77E-01	0.00E+00	0.00E+00	2.13E+00	3.90E-06	1.90E-03	3.45E-03	0.00E+00	-2.43E-04	4.17E-10	2.08E-08	1.35E-02	7.16E-01	0.00E+00	0.00E+00	1.84E+00	3.23E-03	3.04E+00	0.00E+00	2.47E-08	1.31E-08	9.79E-04	1.07E-07	3.23E-01	0.00E+00	3.04E+00	6.95E-07	3.04E+00	3.35E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.70E+01
MCN240A	3.26E-03	3.98E-01	1.33E-02	3.87E-01	0.00E+00	0.00E+00	2.18E+00	4.01E-06	1.91E-03	3.54E-03	0.00E+00	-2.45E-04	4.21E-10	2.09E-08	1.38E-02	7.32E-01	0.00E+00	0.00E+00	1.92E+00	3.23E-03	3.11E+00	0.00E+00	2.51E-08	1.34E-08	9.90E-04	1.07E-07	3.37E-01	0.00E+00	3.11E+00	6.94E-07	3.11E+00	3.40E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	7.09E+01
MCN240E	3.22E-03	3.88E-01	1.27E-02	3.75E-01	0.00E+00	0.00E+00	2.12E+00	3.87E-06	1.90E-03	3.45E-03	0.00E+00	-2.39E-04	4.16E-10	2.08E-08	1.35E-02	7.14E-01	0.00E+00	0.00E+00	1.82E+00	3.19E-03	2.98E+00	0.00E+00	2.42E-08	1.31E-08	9.76E-04	1.05E-07	3.22E-01	0.00E+00	2.98E+00	4.75E-07	2.98E+00	3.30E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MCN250	3.82E-03	4.05E-01	1.41E-02	3.89E-01	0.00E+00	0.00E+00	2.40E+00	4.36E-06	2.32E-03	3.60E-03	0.00E+00	-2.62E-04	4.55E-10	2.54E-08	1.49E-02	8.17E-01	0.00E+00	0.00E+00	2.02E+00	3.44E-03	3.32E+00	0.00E+00	2.65E-08	1.41E-08	1.00E-03	1.09E-07	3.54E-01	0.00E+00	3.32E+00	7.24E-07	3.32E+00	3.65E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
MCN250A	3.85E-03	4.10E-01	1.41E-02	3.96E-01	0.00E+00	0.00E+00	2.42E+00	4.41E-06	2.34E-03	3.65E-03	0.00E+00	-2.52E-04	4.57E-10	2.58E-08	1.47E-02	8.16E-01	0.00E+00	0.00E+00	2.02E+00	3.43E-03	3.28E+00	0.00E+00	2.62E-08	1.40E-08	1.01E-03	1.07E-07	3.54E-01	0.00E+00	3.28E+00	7.35E-07	3.28E+00	3.61E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.41E+01
MCN250E	3.81E-03	4.04E-01	1.41E-02	3.90E-01	0.00E+00	0.00E+00	2.41E+00	4.41E-06	2.32E-03	3.63E-03	0.00E+00	-2.28E-04	4.58E-10	2.52E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.08E+00	3.05E-03	3.26E+00	0.00E+00	2.62E-08	1.45E-08	1.05E-03	1.03E-07	3.66E-01	0.00E+00	3.26E+00	4.98E-07	3.26E+00	3.63E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MCN263	3.88E-03	4.05E-01	1.42E-02	3.89E-01	0.00E+00	0.00E+00	2.41E+00	4.41E-06	2.34E-03	3.60E-03	0.00E+00	-2.69E-04	4.61E-10	2.56E-08	1.49E-02	8.18E-01	0.00E+00	0.00E+00	2.04E+00	3.61E-03	3.31E+00	0.00E+00	2.66E-08	1.41E-08	1.01E-03	1.15E-07	3.56E-01	0.00E+00	3.31E+00	7.34E-07	3.31E+00	3.67E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.53E+01
MCN263A	3.90E-03	4.10E-01	1.43E-02	3.96E-01	0.00E+00	0.00E+00	2.44E+00	4.45E-06	2.36E-03	3.66E-03	0.00E+00	-2.58E-04	4.62E-10	2.59E-08	1.48E-02	8.17E-01	0.00E+00	0.00E+00	2.05E+00	3.61E-03	3.29E+00	0.00E+00	2.63E-08	1.41E-08	1.01E-03	1.14E-07	3.56E-01	0.00E+00	3.29E+00	7.42E-07	3.29E+00	3.62E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.51E+01
MCN263E	3.86E-03	4.05E-01	1.42E-02	3.88E-01	0.00E+00	0.00E+00	2.38E+00	4.39E-06	2.31E-03	3.59E-03	0.00E+00	-2.50E-04	4.61E-10	2.54E-08	1.48E-02	8.18E-01	0.00E+00	0.00E+00	2.04E+00	3.40E-03	3.29E+00	0.00E+00	2.65E-08	1.41E-08	1.01E-03	1.12E-07	3.56E-01	0.00E+00	3.29E+00	4.98E-07	3.29E+00	3.65E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.53E+01
MCN300	3.31E-03	5.62E-01	1.71E-02	5.42E-01	0.00E+00	0.00E+00	2.81E+00	5.39E-06	5.49E-04	4.78E-03	0.00E+00	-3.55E-04	5.48E-10	8.18E-09	1.94E-02	8.47E-01	0.00E+00	0.00E+00	2.38E+00	4.46E-03	4.15E+00	0.00E+00	3.39E-08	1.74E-08	1.29E-03	1.46E-07	4.23E-01	0.00E+00	4.15E+00	2.99E-07	4.15E+00	4.59E+00	4.23E-01	0.00E+00	0.00E+00	0.00E+00	8.53E+01
MCN300E	3.41E-03	5.80E-01	1.72E-02	5.66E-01	0.00E+00	0.00E+00	2.97E+00	5.55E-06	5.49E-04	5.08E-03	0.00E+00	-3.53E-04	5.74E-10	8.19E-09	1.97E-02	8.65E-01	0.00E+00	0.00E+00	2.42E+00	4.43E-03	4.26E+00	0.00E+00	3.48E-08	1.76E-08	1.32E-03	1.47E-07	4.28E-01	0.00E+00	4.26E+00	2.99E-07	4.26E+00	4.72E+00	4.28E-01	0.00E+00	0.00E+00	0.00E+00	8.71E+01
MCN301	3.55E-03	5.85E-01	1.63E-02	5.71E-01	0.00E+00	0.00E+00	3.17E+00	5.87E-06	1.27E-03	5.10E-03	0.00E+00	-3.65E-04	5.76E-10	1.49E-08	2.10E-02	8.70E-01	0.00E+00	0.00E+00	2.42E+00	4.48E-03	4.27E+00	0.00E+00	3.51E-08	1.78E-08	1.37E-03	1.49E-07	4.28E-01	0.00E+00	4.27E+00	7.84E-07	4.27E+00	4.73E+00	4.28E-01	0.00E+00	0.00E+00	0.00E+00	8.74E+01
MCN301E	3.66E-03	5.84E-01	1.72E-02	5.70E-01	0.00E+00	0.00E+00	3.00E+00	5.60E-06	1.27E-03	5.08E-03	0.00E+00	-3.46E-04	5.77E-10	1.49E-08	1.98E-02	8.70E-01	0.00E+00	0.00E+00	2.43E+00	4.30E-03	4.28E+00	0.00E+00	3.50E-08	1.77E-08	1.34E-03	1.44E-07	4.28E-01	0.00E+00	4.28E+00	3.00E-07	4.28E+00	4.73E+00	4.28E-01	0.00E+00	0.00E+00	0.00E+00	8.75E+01
MCN302	3.55E-03	5.84E-01	1.63E-02	5.70E-01	0.00E+00	0.00E+00	3.17E+00	5.85E-06	1.27E-03	5.09E-03	0.00E+00	-3.37E-04	5.78E-10	1.49E-08	2.10E-02	8.61E-01	0.00E+00	0.00E+00	2.42E+00	4.11E-03	4.28E+00	0.00E+00	3.51E-08	1.77E-08	1.37E-03	1.55E-07	4.29E-01	0.00E+00	4.28E+00	7.81E-07	4.28E+00	4.74E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	8.73E+01
MCN302E	4.38E-03	5.79E-01	1.62E-02	5.63E-01	0.00E+00	0.00E+00	3.01E+00	5.66E-06	1.49E-03	5.04E-03	0.00E+00	-3.18E-04	5.91E-10	1.71E-08	1.98E-02	8.54E-01	0.00E+00	0.00E+00	2.43E+00	4.25E-03	4.26E+00	0.00E+00	3.44E-08	1.74E-08	1.33E-03	1.45E-07	4.27E-01	0.00E+00	4.26E+00	8.31E-07	4.26E+00	4.68E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.80E+01
MCN303	3.40E-03	5.76E-01	1.63E-02	5.62E-01	0.00E+00	0.00E+00	2.96E+00	5.55E-06	1.20E-03	5.08E-03	0.00E+00	-3.25E-04	5.74E-10	1.45E-08	2.00E-02	8.58E-01	0.00E+00	0.00E+00	2.40E+00	4.08E-03	4.25E+00	0.00E+00	3.47E-08	1.76E-08	1.33E-03	1.54E-07	4.26E-01	0.00E+00	4.25E+00	7.78E-07	4.25E+00	4.70E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.69E+01
MCN303E	3.49E-03	5.79E-01	1.72E-02	5.65E-01	0.00E+00	0.00E+00	2.98E+00	5.55E-06	1.19E-03	5.08E-03	0.00E+00	-3.21E-04	5.79E-10	1.44E-08	1.96E-02	8.63E-01	0.00E+00	0.00E+00	2.44E+00	3.91E-03	4.28E+00	0.00E+00	3.50E-08	1.76E-08	1.33E-03	1.41E-07	4.29E-01	0.00E+00	4.28E+00	3.01E-07	4.28E+00	4.74E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	8.74E+01
MCN304	3.38E-03	5.76E-01	1.72E-02	5.62E-01	0.00E+00	0.00E+00	2.95E+00	5.54E-06	1.20E-03	5.08E-03	0.00E+00	-3.49E-04	5.73E-10	1.44E-08	2.00E-02	8.61E-01	0.00E+00	0.00E+00	2.40E+00	4.37E-03	4.24E+00	0.00E+00	3.46E-08	1.75E-08	1.33E-03	1.56E-07	4.26E-01	0.00E+00	4.24E+00	7.78E-07	4.24E+00	4.70E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.68E+01
MCN304E	3.47E-03	5.78E-01	1.81E-02	5.64E-01	0.00E+00	0.00E+00	2.89E+00	5.44E-06	1.18E-03	5.06E-03	0.00E+00	-3.41E-04	5.69E-10	1.43E-08	1.95E-02	8.66E-01	0.00E+00	0.00E+00	2.43E+00	4.27E-03	4.20E+00	0.00E+00	3.45E-08	1.76E-08	1.32E-03	1.44E-07	4.28E-01	0.00E+00	4.20E+00	2.87E-07	4.20E+00	4.67E+00	4.28E-01	0.00E+00	0.00E+00	0.00E+00	8.72E+01
MCN306	2.08E-03	4.37E-01	1.64E-02	4.21E-01	0.00E+00	0.00E+00	2.36E+00	4.40E-06	8.45E-04	3.67E-03	0.00E+00	-2.67E-04	4.25E-10	1.07E-08	1.53E-02	6.48E-01	0.00E+00	0.00E+00	1.87E+00	3.61E-03	3.36E+00	0.00E+00	2.68E-08	1.35E-08	1.01E-03	1.24E-07	3.33E-01	0.00E+00	3.36E+00	6.87E-07	3.36E+00	3.67E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.69E+01
MCN306A	2.18E-03	4.50E-01	1.28E-02	4.38E-01	0.00E+00	0.00E+00	2.56E+00	4.79E-06	8.41E-04	3.96E-03	0.00E+00	-2.49E-04	4.55E-10	1.07E-08	1.69E-02	6.61E-01	0.00E+00	0.00E+00	1.95E+00	3.39E-03	3.56E+00	0.00E+00	2.85E-08	1.37E-08	1.03E-03	1.18E-07	3.46E-01	0.00E+00	3.56E+00	6.94E-07	3.56E+00	3.91E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	6.86E+01
MCN306E	1.97E-03	4.49E-01	1.27E-02	4.37E-01	0.00E+00	0.00E+00	2.47E+00	4.62E-06	8.39E-04	3.90E-03	0.00E+00	-2.76E-04	4.29E-10	1.04E-08	1.64E-02	6.40E-01	0.00E+00	0.00E+00	1.84E+00	3.69E-03	3.41E+00	0.00E+00	2.74E-08	1.33E-08	1.01E-03	1.24E-07	3.29E-01	0.00E+00	3.41E+00	6.59E-07	3.41E+00	3.74E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
MCN308	2.02E-03	4.32E-01	1.10E-02	4.16E-01	0.00E+00	0.00E+00	2.25E+00	4.30E-06	8.72E-04	3.57E-03	0.00E+00	-2.16E-04	4.22E-10	1.09E-08	1.52E-02	6.59E-01	0.00E+00	0.00E+00	1.91E+00	2.90E-03	3.30E+00	0.00E+00	2.62E-08	1.38E-08	1.01E-03	9.78E-08	3.37E-01	0.00E+00	3.30E+00	2.88E-07	3.30E+00	3.62E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.83E+01
MCN310	2.15E-03	4.49E-01	1.26E-02	4.37E-01	0.00E+00	0.00E+00	2.53E+00	4.79E-06	9.05E-04	3.91E-03	0.00E+00	-2.32E-04	4.56E-10	1.13E-08	1.62E-02	6.63E-01	0.00E+00	0.00E+00	1.93E+00	3.11E-03	3.51E+00	0.00E+00	2.80E-08	1.38E-08	1.02E-03	1.10E-07	3.40E-01	0.00E+00	3.51E+00	7.46E-07	3.51E+00	3.84E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
MCN310A	2.16E-03	4.50E-01	1.26E-02	4.38E-01	0.00E+00	0.00E+00	2.56E+00	4.87E-06	9.15E-04	3.93E-03	0.00E+00	-2.29E-04	4.61E-10	1.13E-08	1.65E-02	6.65E-01	0.00E+00	0.00E+00	1.94E+00	3.07E-03	3.54E+00	0.00E+00	2.83E-08	1.39E-08	1.02E-03	1.09E-07	3.42E-01	0.00E+00	3.54E+00	7.44E-07	3.54E+00	3.89E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.94E+01
MCN310E	1.80E-03	4.07E-01	1.01E-02	3.97E-01	0.00E+00	0.00E+00	2.13E+00	3.98E-06	7.77E-04	3.55E-03	0.00E+00	-1.26E-04	3.48E-10	9.37E-09	1.40E-02	5.59E-01	0.00E+00	0.00E+00	1.57E+00	1.71E-03	3.04E+00	0.00E+00	2.47E-08	1.20E-08	9.20E-04	7.23E-08	2.85E-01	0.00E+00	3.04E+00	6.15E-07	3.04E+00	3.32E+00	2.85E-01	0.00E+00	0.00E+00	0.00E+00	5.56E+01
MCN313	2.22E-03	4.52E-01	1.29E-02	4.39E-01	0.00E+00	0.00E+00	2.60E+00	4.98E-06	9.89E-04	3.96E-03	0.00E+00	-2.18E-04	4.87E-10	1.22E-08	1.71E-02	6.91E-01	0.00E+00	0.00E+00	2.04E+00	2.93E-03	3.62E+00	0.00E+00	2.88E-08	1.43E-08	1.05E-03	1.06E-07	3.56E-01	0.00E+00	3.62E+00	7.56E-07	3.62E+00	3.97E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.32E+01
MCN313E	2.24E-03	4.51E-01	1.28E-02	4.38E-01	0.00E+00	0.00E+00	2.59E+00	4.94E-06	9.48E-04	3.97E-03	0.00E+00	-2.26E-04	4.77E-10	1.19E-08	1.69E-02	6.86E-01	0.00E+00	0.00E+00	2.00E+00	3.02E-03	3.60E+00	0.00E+00	2.88E-08	1.41E-08	1.05E-03	1.09E-07	3.52E-01	0.00E+00	3.60E+00	7.52E-07	3.60E+00	3.96E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	7.18E+01
MCN316	2.21E-03	4.50E-01	1.29E-02	4.37E-01	0.00E+00	0.00E+00	2.59E+00	4.94E-06	9.88E-04	3.95E-03	0.00E+00	-2.18E-04	4.75E-10	1.21E-08	1.71E-02	6.88E-01	0.00E+00	0.00E+00	2.01E+00	2.93E-03	3.60E+00	0.00E+00	2.87E-08	1.42E-08	1.04E-03	1.06E-07	3.53E-01	0.00E+00	3.60E+00	7.45E-07	3.60E+00	3.95E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	7.21E+01
MCN316A	2.55E-03	4.54E-01	1.30E-02	4.41E-01	0.00E+00	0.00E+00	2.63E+00	4.98E-06	1.08E-03	3.99E-03	0.00E+00	-2.21E-04	4.80E-10	1.33E-08	1.72E-02	7.01E-01	0.00E+00	0.00E+00	2.03E+00	2.96E-03	3.64E+00	0.00E+00	2.90E-08	1.43E-08	1.05E-03	1.07E-07	3.58E-01	0.00E+00	3.64E+00	7.40E-07	3.64E+00	3.99E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
MCN316E	1.80E-03	4.07E-01	1.02E-02	3.97E-01	0.00E+00	0.00E+00	2.13E+00	3.99E-06	7.77E-04	3.55E-03	0.00E+00	-1.26E-04	3.49E-10	9.38E-09	1.40E-02	5.60E-01	0.00E+00	0.00E+00	1.58E+00	1.71E-03	3.04E+00	0.00E+00	2.47E-08	1.20E-08	9.20E-04	7.23E-08	2.86E-01	0.00E+00	3.04E+00	6.17E-07	3.04E+00	3.33E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	5.57E+01
MCN320	2.45E-03	4.58E-01	1.35E-02	4.45E-01	0.00E+00	0.00E+00	2.69E+00	5.14E-06	1.16E-03	4.04E-03	0.00E+00	-2.18E-04	5.03E-10	1.40E-08	1.75E-02	7.29E-01	0.00E+00	0.00E+00	2.12E+00	2.93E-03	3.71E+00	0.00E+00	2.96E-08	1.48E-08	1.08E-03	1.07E-07	3.71E-01	0.00E+00	3.71E+00	7.59E-07	3.71E+00	4.09E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.64E+01
MCN320A	2.70E-03	4.64E-01	1.35E-02	4.50E-01	0.00E+00	0.00E+00	2.71E+00	5.16E-06	1.23E-03	4.07E-03	0.00E+00	-2.21E-04	5.01E-10	1.49E-08	1.76E-02	7.30E-01	0.00E+00	0.00E+00	2.12E+00	2.97E-03	3.70E+00	0.00E+00	2.96E-08	1.48E-08	1.08E-03	1.08E-07	3.72E-01	0.00E+00	3.70E+00	7.45E-07	3.70E+00	4.08E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	7.64E+01
MCN320E	2.45E-03	4.58E-01	1.35E-02	4.45E-01	0.00E+00	0.00E+00	2.69E+00	5.14E-06	1.16E-03	4.04E-03	0.00E+00	-2.18E-04	5.03E-10	1.40E-08	1.75E-02	7.29E-01	0.00E+00	0.00E+00	2.12E+00	2.93E-03	3.71E+00	0.00E+00	2.96E-08	1.48E-08	1.08E-03	1.07E-07	3.71E-01	0.00E+00	3.71E+00	7.59E-07	3.71E+00	4.09E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.64E+01
MCN325	2.85E-03	4.75E-01	1.48E-02	4.60E-01	0.00E+00	0.00E+00	2.83E+00	5.31E-06	1.46E-03	4.18E-03	0.00E+00	-2.76E-04	5.21E-10	1.71E-08	1.80E-02	7.89E-01	0.00E+00	0.00E+00	2.23E+00	3.69E-03	3.81E+00	0.00E+00	3.04E-08	1.54E-08	1.13E-03	1.26E-07	3.91E-01	0.00E+00	3.81E+00	7.06E-07	3.81E+00	4.20E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	8.03E+01
MCN325A	2.97E-03	4.78E-01	1.48E-02	4.61E-01	0.00E+00	0.00E+00	2.86E+00	5.37E-06	1.55E-03	4.21E-03	0.00E+00	-2.52E-04	5.28E-10	1.77E-08	1.81E-02	7.87E-01	0.00E+00	0.00E+00	2.24E+00	3.31E-03	3.81E+00	0.00E+00	3.05E-08	1.55E-08	1.13E-03	1.14E-07	3.94E-01	0.00E+00	3.81E+00	7.20E-07	3.81E+00	4.20E+00	3.94E-01	0.00E+00	0.00E+00	0.00E+00	8.07E+01
MCN325E	2.85E-03	4.75E-01	1.48E-02	4.60E-01	0.00E+00	0.00E+00	2.83E+00	5.31E-06	1.46E-03	4.18E-03	0.00E+00	-2.76E-04	5.21E-10	1.71E-08	1.80E-02	7.89E-01	0.00E+00	0.00E+00	2.23E+00	3.69E-03	3.81E+00	0.00E+00	3.04E-08	1.54E-08	1.13E-03	1.26E-07	3.91E-01	0.00E+00	3.81E+00	7.06E-07	3.81E+00	4.20E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	8.03E+01
MCN332	4.84E-03	5.82E-01	1.80E-02	5.64E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.86E-03	5.19E-03	0.00E+00	-2.29E-04	6.24E-10	3.13E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	3.07E-03	4.47E+00	0.00E+00	3.64E-08	1.97E-08	1.47E-03	1.17E-07	4.84E-01	0.00E+00	4.47E+00	7.24E-07	4.47E+00	4.95E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCN332A	4.91E-03	5.93E-01	1.87E-02	5.76E-01	0.00E+00	0.00E+00	3.36E+00	6.07E-06	2.87E-03	5.28E-03	0.00E+00	-2.52E-04	6.36E-10	3.14E-08	2.21E-02	1.07E+00	0.00E+00	0.00E+00	2.74E+00	3.46E-03	4.50E+00	0.00E+00	3.67E-08	1.98E-08	1.50E-03	1.40E-07	4.91E-01	0.00E+00	4.50E+00	7.18E-07	4.50E+00	4.98E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MCN332E	4.84E-03	5.82E-01	1.80E-02	5.64E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.86E-03	5.19E-03	0.00E+00	-2.29E-04	6.24E-10	3.13E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	3.07E-03	4.47E+00	0.00E+00	3.64E-08	1.97E-08	1.47E-03	1.17E-07	4.84E-01	0.00E+00	4.47E+00	7.24E-07	4.47E+00	4.95E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCN340	4.83E-03	5.80E-01	1.90E-02	5.61E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.85E-03	5.16E-03	0.00E+00	-3.59E-04	6.24E-10	3.13E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	4.79E-03	4.45E+00	0.00E+00	3.63E-08	1.97E-08	1.46E-03	1.58E-07	4.83E-01	0.00E+00	4.45E+00	7.07E-07	4.45E+00	4.94E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCN340A	4.93E-03	5.93E-01	1.97E-02	5.76E-01	0.00E+00	0.00E+00	3.35E+00	6.02E-06	2.87E-03	5.27E-03	0.00E+00	-3.78E-04	6.37E-10	3.15E-08	2.19E-02	1.08E+00	0.00E+00	0.00E+00	2.77E+00	4.97E-03	4.51E+00	0.00E+00	3.67E-08	2.01E-08	1.50E-03	1.64E-07	4.95E-01	0.00E+00	4.51E+00	7.15E-07	4.51E+00	4.99E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MCN340E	4.83E-03	5.80E-01	1.90E-02	5.61E-01	0.00E+00	0.00E+00	3.18E+00	5.80E-06	2.85E-03	5.16E-03	0.00E+00	-3.59E-04	6.24E-10	3.13E-08	2.02E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	4.79E-03	4.45E+00	0.00E+00	3.63E-08	1.97E-08	1.46E-03	1.58E-07	4.83E-01	0.00E+00	4.45E+00	7.07E-07	4.45E+00	4.94E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MCN350	5.74E-03	6.01E-01	2.14E-02	5.81E-01	0.00E+00	0.00E+00	3.56E+00	6.40E-06	3.50E-03	5.43E-03	0.00E+00	-3.59E-04	6.84E-10	3.81E-08	2.18E-02	1.23E+00	0.00E+00	0.00E+00	3.13E+00	4.76E-03	4.58E+00	0.00E+00	3.72E-08	2.18E-08	1.59E-03	1.62E-07	5.51E-01	0.00E+00	4.58E+00	7.48E-07	4.58E+00	5.13E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MCN350A	5.75E-03	6.12E-01	2.16E-02	5.90E-01	0.00E+00	0.00E+00	3.62E+00	6.59E-06	3.51E-03	5.50E-03	0.00E+00	-3.66E-04	6.89E-10	3.81E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.13E+00	4.85E-03	4.89E+00	0.00E+00	3.95E-08	2.19E-08	1.60E-03	1.70E-07	5.52E-01	0.00E+00	4.89E+00	7.49E-07	4.89E+00	5.47E+00	5.52E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MCN350E	5.71E-03	6.05E-01	2.12E-02	5.84E-01	0.00E+00	0.00E+00	3.61E+00	6.61E-06	3.48E-03	5.43E-03	0.00E+00	-3.42E-04	6.87E-10	3.78E-08	2.20E-02	1.22E+00	0.00E+00	0.00E+00	3.11E+00	4.57E-03	4.88E+00	0.00E+00	3.93E-08	2.17E-08	1.58E-03	1.55E-07	5.48E-01	0.00E+00	4.88E+00	7.43E-07	4.88E+00	5.43E+00	5.48E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
MCN363	5.81E-03	6.04E-01	2.16E-02	5.84E-01	0.00E+00	0.00E+00	3.59E+00	6.46E-06	3.54E-03	5.47E-03	0.00E+00	-3.60E-04	7.09E-10	3.85E-08	2.20E-02	1.24E+00	0.00E+00	0.00E+00	3.21E+00	4.76E-03	4.59E+00	0.00E+00	3.72E-08	2.21E-08	1.60E-03	1.68E-07	5.63E-01	0.00E+00	4.59E+00	7.69E-07	4.59E+00	5.14E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MCN363A	5.81E-03	6.14E-01	2.18E-02	5.94E-01	0.00E+00	0.00E+00	3.66E+00	6.72E-06	3.54E-03	5.54E-03	0.00E+00	-3.67E-04	7.17E-10	3.84E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.20E+00	4.89E-03	4.95E+00	0.00E+00	3.98E-08	2.21E-08	1.60E-03	1.71E-07	5.61E-01	0.00E+00	4.95E+00	7.68E-07	4.95E+00	5.50E+00	5.61E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MCN363E	5.78E-03	6.09E-01	2.14E-02	5.88E-01	0.00E+00	0.00E+00	3.65E+00	6.73E-06	3.52E-03	5.47E-03	0.00E+00	-3.42E-04	7.14E-10	3.83E-08	2.22E-02	1.24E+00	0.00E+00	0.00E+00	3.19E+00	4.57E-03	4.94E+00	0.00E+00	3.96E-08	2.20E-08	1.59E-03	1.55E-07	5.58E-01	0.00E+00	4.94E+00	7.66E-07	4.94E+00	5.49E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MCN400	4.06E-03	7.91E-01	2.33E-02	7.65E-01	0.00E+00	0.00E+00	4.39E+00	7.94E-06	1.24E-03	7.02E-03	0.00E+00	-4.07E-04	8.36E-10	1.63E-08	2.70E-02	1.31E+00	0.00E+00	0.00E+00	3.75E+00	5.02E-03	6.04E+00	0.00E+00	4.86E-08	2.64E-08	1.93E-03	1.97E-07	6.64E-01	0.00E+00	6.04E+00	9.88E-07	6.04E+00	6.70E+00	6.64E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MCN400E	2.64E-03	4.63E-01	1.43E-02	4.46E-01	0.00E+00	0.00E+00	2.61E+00	4.84E-06	1.08E-03	4.12E-03	0.00E+00	-3.75E-04	4.89E-10	1.30E-08	1.72E-02	6.62E-01	0.00E+00	0.00E+00	1.96E+00	4.80E-03	3.46E+00	0.00E+00	2.80E-08	1.38E-08	1.12E-03	1.49E-07	3.47E-01	0.00E+00	3.46E+00	2.79E-07	3.46E+00	3.84E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
MCN401	4.12E-03	8.01E-01	2.33E-02	7.75E-01	0.00E+00	0.00E+00	4.39E+00	7.95E-06	1.26E-03	7.08E-03	0.00E+00	-4.05E-04	8.43E-10	1.64E-08	2.73E-02	1.31E+00	0.00E+00	0.00E+00	3.77E+00	4.99E-03	6.13E+00	0.00E+00	4.89E-08	2.65E-08	1.95E-03	1.97E-07	6.66E-01	0.00E+00	6.13E+00	9.89E-07	6.13E+00	6.79E+00	6.66E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MCN401E	4.13E-03	7.97E-01	2.33E-02	7.71E-01	0.00E+00	0.00E+00	4.39E+00	7.95E-06	1.26E-03	7.06E-03	0.00E+00	-4.04E-04	8.36E-10	1.64E-08	2.72E-02	1.31E+00	0.00E+00	0.00E+00	3.75E+00	4.97E-03	6.09E+00	0.00E+00	4.88E-08	2.65E-08	1.94E-03	1.95E-07	6.64E-01	0.00E+00	6.09E+00	9.89E-07	6.09E+00	6.76E+00	6.64E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MCN402	4.12E-03	7.90E-01	2.33E-02	7.65E-01	0.00E+00	0.00E+00	4.38E+00	7.94E-06	1.27E-03	7.04E-03	0.00E+00	-3.52E-04	8.36E-10	1.63E-08	2.70E-02	1.31E+00	0.00E+00	0.00E+00	3.75E+00	4.39E-03	6.05E+00	0.00E+00	4.90E-08	2.65E-08	1.96E-03	1.82E-07	6.64E-01	0.00E+00	6.05E+00	1.00E-06	6.05E+00	6.70E+00	6.64E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MCN402E	4.13E-03	8.01E-01	2.33E-02	7.75E-01	0.00E+00	0.00E+00	4.38E+00	7.96E-06	1.27E-03	7.11E-03	0.00E+00	-3.52E-04	8.38E-10	1.63E-08	2.73E-02	1.31E+00	0.00E+00	0.00E+00	3.76E+00	4.37E-03	6.13E+00	0.00E+00	4.93E-08	2.67E-08	1.98E-03	1.80E-07	6.65E-01	0.00E+00	6.13E+00	1.00E-06	6.13E+00	6.79E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MCN403	3.56E-03	6.57E-01	2.29E-02	6.34E-01	0.00E+00	0.00E+00	3.69E+00	7.11E-06	1.67E-03	5.62E-03	0.00E+00	-3.49E-04	6.53E-10	1.88E-08	2.57E-02	9.44E-01	0.00E+00	0.00E+00	2.78E+00	4.33E-03	4.92E+00	0.00E+00	3.97E-08	1.99E-08	1.49E-03	1.87E-07	4.93E-01	0.00E+00	4.92E+00	3.13E-07	4.92E+00	5.40E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	9.96E+01
MCN404	4.25E-03	7.92E-01	2.41E-02	7.64E-01	0.00E+00	0.00E+00	4.40E+00	7.97E-06	1.92E-03	7.00E-03	0.00E+00	-3.92E-04	8.35E-10	2.26E-08	2.70E-02	1.31E+00	0.00E+00	0.00E+00	3.78E+00	4.84E-03	6.02E+00	0.00E+00	4.85E-08	2.63E-08	1.93E-03	1.83E-07	6.73E-01	0.00E+00	6.02E+00	9.92E-07	6.02E+00	6.65E+00	6.73E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
MCN404E	4.26E-03	8.01E-01	2.41E-02	7.75E-01	0.00E+00	0.00E+00	4.39E+00	7.96E-06	1.92E-03	7.08E-03	0.00E+00	-3.93E-04	8.37E-10	2.25E-08	2.73E-02	1.31E+00	0.00E+00	0.00E+00	3.76E+00	4.82E-03	6.13E+00	0.00E+00	4.89E-08	2.65E-08	1.95E-03	1.82E-07	6.65E-01	0.00E+00	6.13E+00	9.92E-07	6.13E+00	6.79E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MCN406	2.83E-03	5.95E-01	1.71E-02	5.80E-01	0.00E+00	0.00E+00	3.35E+00	6.43E-06	1.09E-03	5.20E-03	0.00E+00	-2.98E-04	5.99E-10	1.41E-08	2.20E-02	8.69E-01	0.00E+00	0.00E+00	2.54E+00	4.02E-03	4.79E+00	0.00E+00	3.78E-08	1.83E-08	1.37E-03	1.51E-07	4.57E-01	0.00E+00	4.79E+00	1.01E-06	4.79E+00	5.19E+00	4.57E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
MCN406A	2.73E-03	5.93E-01	1.67E-02	5.78E-01	0.00E+00	0.00E+00	3.33E+00	6.27E-06	1.08E-03	5.18E-03	0.00E+00	-2.92E-04	5.97E-10	1.39E-08	2.17E-02	8.63E-01	0.00E+00	0.00E+00	2.52E+00	3.84E-03	4.71E+00	0.00E+00	3.76E-08	1.80E-08	1.35E-03	1.52E-07	4.50E-01	0.00E+00	4.71E+00	9.97E-07	4.71E+00	5.16E+00	4.50E-01	0.00E+00	0.00E+00	0.00E+00	9.17E+01
MCN410	2.82E-03	5.98E-01	1.69E-02	5.81E-01	0.00E+00	0.00E+00	3.42E+00	6.49E-06	1.25E-03	5.25E-03	0.00E+00	-2.95E-04	6.09E-10	1.54E-08	2.25E-02	8.75E-01	0.00E+00	0.00E+00	2.57E+00	3.99E-03	4.73E+00	0.00E+00	3.80E-08	1.82E-08	1.37E-03	1.52E-07	4.58E-01	0.00E+00	4.73E+00	9.97E-07	4.73E+00	5.19E+00	4.58E-01	0.00E+00	0.00E+00	0.00E+00	9.32E+01
MCN410A	2.84E-03	6.01E-01	1.72E-02	5.85E-01	0.00E+00	0.00E+00	3.45E+00	6.65E-06	1.24E-03	5.32E-03	0.00E+00	-2.90E-04	6.24E-10	1.53E-08	2.28E-02	8.97E-01	0.00E+00	0.00E+00	2.61E+00	3.90E-03	4.82E+00	0.00E+00	3.81E-08	1.88E-08	1.41E-03	1.49E-07	4.68E-01	0.00E+00	4.82E+00	1.01E-06	4.82E+00	5.20E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	9.45E+01
MCN410E	2.79E-03	5.98E-01	1.69E-02	5.80E-01	0.00E+00	0.00E+00	3.35E+00	6.40E-06	1.24E-03	5.22E-03	0.00E+00	-2.96E-04	6.04E-10	1.53E-08	2.22E-02	8.79E-01	0.00E+00	0.00E+00	2.52E+00	4.01E-03	4.64E+00	0.00E+00	3.73E-08	1.82E-08	1.37E-03	1.50E-07	4.48E-01	0.00E+00	4.64E+00	8.97E-07	4.64E+00	5.08E+00	4.48E-01	0.00E+00	0.00E+00	0.00E+00	9.01E+01

MCN413	3.08E-03	6.03E-01	1.75E-02	5.85E-01	0.00E+00	0.00E+00	3.49E+00	6.62E-06	1.47E-03	5.32E-03	0.00E+00	-2.95E-04	6.32E-10	1.72E-08	2.28E-02	9.36E-01	0.00E+00	0.00E+00	2.71E+00	3.99E-03	4.84E+00	0.00E+00	3.87E-08	1.90E-08	1.39E-03	1.52E-07	4.75E-01	0.00E+00	4.84E+00	1.00E-06	4.84E+00	5.30E+00	4.75E-01	0.00E+00	0.00E+00	0.00E+00	9.69E+01
MCN413E	3.06E-03	6.03E-01	1.75E-02	5.85E-01	0.00E+00	0.00E+00	3.49E+00	6.62E-06	1.46E-03	5.31E-03	0.00E+00	-2.95E-04	6.31E-10	1.71E-08	2.28E-02	9.36E-01	0.00E+00	0.00E+00	2.70E+00	3.99E-03	4.84E+00	0.00E+00	3.86E-08	1.90E-08	1.39E-03	1.50E-07	4.75E-01	0.00E+00	4.84E+00	1.00E-06	4.84E+00	5.30E+00	4.75E-01	0.00E+00	0.00E+00	0.00E+00	9.68E+01
MCN416	2.97E-03	6.02E-01	1.76E-02	5.85E-01	0.00E+00	0.00E+00	3.47E+00	6.61E-06	1.37E-03	5.30E-03	0.00E+00	-2.88E-04	6.32E-10	1.65E-08	2.27E-02	9.36E-01	0.00E+00	0.00E+00	2.72E+00	3.88E-03	4.84E+00	0.00E+00	3.86E-08	1.91E-08	1.39E-03	1.40E-07	4.76E-01	0.00E+00	4.84E+00	9.89E-07	4.84E+00	5.31E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	9.71E+01
MCN416A	3.22E-03	6.07E-01	1.78E-02	5.90E-01	0.00E+00	0.00E+00	3.53E+00	6.84E-06	1.51E-03	5.39E-03	0.00E+00	-2.91E-04	6.50E-10	1.83E-08	2.31E-02	9.67E-01	0.00E+00	0.00E+00	2.81E+00	3.90E-03	4.86E+00	0.00E+00	3.88E-08	1.94E-08	1.42E-03	1.51E-07	4.89E-01	0.00E+00	4.86E+00	1.00E-06	4.86E+00	5.32E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	9.91E+01
MCN416E	2.95E-03	6.02E-01	1.72E-02	5.85E-01	0.00E+00	0.00E+00	3.46E+00	6.61E-06	1.32E-03	5.29E-03	0.00E+00	-2.91E-04	6.34E-10	1.62E-08	2.28E-02	9.19E-01	0.00E+00	0.00E+00	2.68E+00	3.90E-03	4.82E+00	0.00E+00	3.85E-08	1.90E-08	1.39E-03	1.42E-07	4.72E-01	0.00E+00	4.82E+00	1.00E-06	4.82E+00	5.29E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.63E+01
MCN420	3.08E-03	6.10E-01	1.98E-02	5.91E-01	0.00E+00	0.00E+00	3.58E+00	6.72E-06	1.47E-03	5.34E-03	0.00E+00	-3.07E-04	6.57E-10	1.74E-08	2.29E-02	9.78E-01	0.00E+00	0.00E+00	2.79E+00	3.98E-03	4.96E+00	0.00E+00	3.96E-08	1.96E-08	1.43E-03	1.46E-07	4.91E-01	0.00E+00	4.96E+00	2.93E-07	4.96E+00	5.47E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MCN420A	3.39E-03	6.32E-01	1.91E-02	6.10E-01	0.00E+00	0.00E+00	3.77E+00	7.02E-06	1.58E-03	5.52E-03	0.00E+00	-2.93E-04	6.79E-10	1.90E-08	2.34E-02	1.01E+00	0.00E+00	0.00E+00	2.91E+00	4.00E-03	5.10E+00	0.00E+00	4.07E-08	2.03E-08	1.48E-03	1.51E-07	5.12E-01	0.00E+00	5.10E+00	1.00E-06	5.10E+00	5.63E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MCN420E	3.28E-03	6.13E-01	1.80E-02	5.95E-01	0.00E+00	0.00E+00	3.59E+00	6.87E-06	1.55E-03	5.40E-03	0.00E+00	-2.91E-04	6.72E-10	1.86E-08	2.34E-02	9.74E-01	0.00E+00	0.00E+00	2.83E+00	3.90E-03	4.97E+00	0.00E+00	3.96E-08	1.98E-08	1.44E-03	1.42E-07	4.96E-01	0.00E+00	4.97E+00	1.02E-06	4.97E+00	5.47E+00	4.96E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MCN425	4.46E-03	6.34E-01	2.06E-02	6.13E-01	0.00E+00	0.00E+00	3.77E+00	7.07E-06	2.39E-03	5.57E-03	0.00E+00	-3.67E-04	6.91E-10	2.71E-08	2.36E-02	1.09E+00	0.00E+00	0.00E+00	2.94E+00	4.82E-03	5.09E+00	0.00E+00	4.07E-08	2.05E-08	1.52E-03	1.69E-07	5.17E-01	0.00E+00	5.09E+00	9.31E-07	5.09E+00	5.62E+00	5.17E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MCN425A	4.39E-03	6.35E-01	2.06E-02	6.15E-01	0.00E+00	0.00E+00	3.80E+00	7.07E-06	2.34E-03	5.58E-03	0.00E+00	-2.97E-04	6.94E-10	2.65E-08	2.38E-02	1.10E+00	0.00E+00	0.00E+00	2.96E+00	4.05E-03	5.12E+00	0.00E+00	4.09E-08	2.06E-08	1.51E-03	1.60E-07	5.21E-01	0.00E+00	5.12E+00	2.87E-07	5.12E+00	5.65E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MCN425E	3.81E-03	6.35E-01	2.01E-02	6.15E-01	0.00E+00	0.00E+00	3.78E+00	7.10E-06	1.94E-03	5.59E-03	0.00E+00	-4.07E-04	6.96E-10	2.28E-08	2.41E-02	1.05E+00	0.00E+00	0.00E+00	2.97E+00	5.43E-03	5.10E+00	0.00E+00	4.08E-08	2.06E-08	1.51E-03	1.81E-07	5.23E-01	0.00E+00	5.10E+00	9.47E-07	5.10E+00	5.63E+00	5.23E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MCN432	6.32E-03	7.83E-01	2.43E-02	7.56E-01	0.00E+00	0.00E+00	4.28E+00	7.89E-06	3.75E-03	6.94E-03	0.00E+00	-3.13E-04	8.31E-10	4.09E-08	2.70E-02	1.43E+00	0.00E+00	0.00E+00	3.70E+00	4.32E-03	6.03E+00	0.00E+00	4.86E-08	2.65E-08	1.95E-03	1.73E-07	6.58E-01	0.00E+00	6.03E+00	9.76E-07	6.03E+00	6.61E+00	6.58E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCN432A	6.39E-03	8.03E-01	2.44E-02	7.76E-01	0.00E+00	0.00E+00	4.35E+00	7.91E-06	3.78E-03	7.11E-03	0.00E+00	-3.10E-04	8.39E-10	4.13E-08	2.74E-02	1.45E+00	0.00E+00	0.00E+00	3.72E+00	4.21E-03	6.09E+00	0.00E+00	4.95E-08	2.67E-08	2.00E-03	1.75E-07	6.65E-01	0.00E+00	6.09E+00	9.74E-07	6.09E+00	6.72E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MCN432E	6.46E-03	7.78E-01	2.40E-02	7.54E-01	0.00E+00	0.00E+00	4.24E+00	7.75E-06	3.81E-03	6.93E-03	0.00E+00	-3.05E-04	8.33E-10	4.17E-08	2.70E-02	1.43E+00	0.00E+00	0.00E+00	3.65E+00	4.10E-03	5.98E+00	0.00E+00	4.87E-08	2.64E-08	1.96E-03	1.56E-07	6.46E-01	0.00E+00	5.98E+00	9.76E-07	5.98E+00	6.62E+00	6.46E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MCN440	6.38E-03	7.80E-01	2.53E-02	7.55E-01	0.00E+00	0.00E+00	4.25E+00	7.80E-06	3.77E-03	6.95E-03	0.00E+00	-4.74E-04	8.34E-10	4.13E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.67E+00	6.41E-03	5.97E+00	0.00E+00	4.87E-08	2.63E-08	1.96E-03	2.08E-07	6.52E-01	0.00E+00	5.97E+00	9.60E-07	5.97E+00	6.63E+00	6.52E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCN440A	6.46E-03	7.99E-01	2.55E-02	7.74E-01	0.00E+00	0.00E+00	4.33E+00	7.92E-06	3.80E-03	7.10E-03	0.00E+00	-4.76E-04	8.43E-10	4.16E-08	2.74E-02	1.45E+00	0.00E+00	0.00E+00	3.72E+00	6.37E-03	6.07E+00	0.00E+00	4.96E-08	2.67E-08	2.00E-03	2.12E-07	6.61E-01	0.00E+00	6.07E+00	9.64E-07	6.07E+00	6.73E+00	6.61E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MCN440E	6.45E-03	7.75E-01	2.54E-02	7.50E-01	0.00E+00	0.00E+00	4.24E+00	7.75E-06	3.81E-03	6.90E-03	0.00E+00	-4.78E-04	8.33E-10	4.17E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.65E+00	6.39E-03	5.96E+00	0.00E+00	4.86E-08	2.63E-08	1.95E-03	2.11E-07	6.45E-01	0.00E+00	5.96E+00	9.54E-07	5.96E+00	6.60E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MCN450	7.74E-03	8.26E-01	2.87E-02	7.97E-01	0.00E+00	0.00E+00	4.93E+00	9.12E-06	4.61E-03	7.41E-03	0.00E+00	-4.53E-04	9.31E-10	5.13E-08	3.00E-02	1.67E+00	0.00E+00	0.00E+00	4.25E+00	6.13E-03	6.69E+00	0.00E+00	5.34E-08	2.95E-08	2.15E-03	2.11E-07	7.54E-01	0.00E+00	6.69E+00	1.02E-06	6.69E+00	7.39E+00	7.54E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
MCN450A	7.78E-03	8.31E-01	2.89E-02	8.01E-01	0.00E+00	0.00E+00	4.94E+00	9.11E-06	4.70E-03	7.44E-03	0.00E+00	-4.55E-04	9.33E-10	5.17E-08	3.01E-02	1.67E+00	0.00E+00	0.00E+00	4.26E+00	6.13E-03	6.70E+00	0.00E+00	5.34E-08	2.96E-08	2.15E-03	2.11E-07	7.54E-01	0.00E+00	6.70E+00	1.01E-06	6.70E+00	7.40E+00	7.54E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
MCN450E	7.71E-03	8.18E-01	2.85E-02	7.92E-01	0.00E+00	0.00E+00	4.88E+00	8.97E-06	4.61E-03	7.36E-03	0.00E+00	-4.53E-04	9.30E-10	5.12E-08	2.97E-02	1.67E+00	0.00E+00	0.00E+00	4.22E+00	6.12E-03	6.60E+00	0.00E+00	5.31E-08	2.94E-08	2.14E-03	2.09E-07	7.43E-01	0.00E+00	6.60E+00	1.01E-06	6.60E+00	7.37E+00	7.43E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MCN463	7.78E-03	8.26E-01	2.86E-02	7.99E-01	0.00E+00	0.00E+00	4.93E+00	9.07E-06	4.66E-03	7.44E-03	0.00E+00	-4.53E-04	9.59E-10	5.17E-08	3.00E-02	1.68E+00	0.00E+00	0.00E+00	4.29E+00	6.11E-03	6.67E+00	0.00E+00	5.37E-08	2.96E-08	2.16E-03	2.10E-07	7.55E-01	0.00E+00	6.67E+00	1.03E-06	6.67E+00	7.45E+00	7.55E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MCN463A	7.84E-03	8.38E-01	2.91E-02	8.07E-01	0.00E+00	0.00E+00	4.99E+00	9.24E-06	4.76E-03	7.50E-03	0.00E+00	-4.57E-04	9.64E-10	5.22E-08	3.03E-02	1.69E+00	0.00E+00	0.00E+00	4.34E+00	6.13E-03	6.76E+00	0.00E+00	5.38E-08	2.98E-08	2.17E-03	2.11E-07	7.63E-01	0.00E+00	6.76E+00	1.03E-06	6.76E+00	7.47E+00	7.63E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MCN463E	7.79E-03	8.31E-01	2.88E-02	8.01E-01	0.00E+00	0.00E+00	4.96E+00	9.12E-06	4.66E-03	7.47E-03	0.00E+00	-4.53E-04	9.60E-10	5.18E-08	3.00E-02	1.68E+00	0.00E+00	0.00E+00	4.33E+00	6.11E-03	6.70E+00	0.00E+00	5.38E-08	2.96E-08	2.16E-03	2.10E-07	7.61E-01	0.00E+00	6.70E+00	1.03E-06	6.70E+00	7.46E+00	7.61E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MCN500	2.19E-03	3.89E-01	1.16E-02	3.75E-01	0.00E+00	0.00E+00	2.01E+00	3.83E-06	5.21E-04	3.39E-03	0.00E+00	-3.25E-04	3.96E-10	7.61E-09	1.31E-02	6.05E-01	0.00E+00	0.00E+00	1.78E+00	4.41E-03	3.01E+00	0.00E+00	2.44E-08	1.38E-08	9.82E-04	1.33E-07	3.14E-01	0.00E+00	3.01E+00	4.79E-07	3.01E+00	3.38E+00	3.14E-01	0.00E+00	0.00E+00	0.00E+00	6.31E+01
MCN501	2.35E-03	3.89E-01	1.18E-02	3.75E-01	0.00E+00	0.00E+00	2.03E+00	3.86E-06	5.30E-04	3.39E-03	0.00E+00	-3.32E-04	3.96E-10	7.68E-09	1.32E-02	6.07E-01	0.00E+00	0.00E+00	1.79E+00	4.52E-03	3.04E+00	0.00E+00	2.46E-08	1.39E-08	9.83E-04	1.35E-07	3.15E-01	0.00E+00	3.04E+00	4.77E-07	3.04E+00	3.41E+00	3.15E-01	0.00E+00	0.00E+00	0.00E+00	6.32E+01
MCN502	2.35E-03	3.92E-01	1.17E-02	3.83E-01	0.00E+00	0.00E+00	2.06E+00	4.03E-06	5.29E-04	3.44E-03	0.00E+00	-3.16E-04	3.95E-10	7.69E-09	1.34E-02	6.10E-01	0.00E+00	0.00E+00	1.82E+00	4.36E-03	3.10E+00	0.00E+00	2.48E-08	1.39E-08	9.93E-04	1.32E-07	3.22E-01	0.00E+00	3.10E+00	7.09E-07	3.10E+00	3.45E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.38E+01
MCN503	2.31E-03	3.90E-01	1.17E-02	3.76E-01	0.00E+00	0.00E+00	2.04E+00	3.93E-06	8.68E-04	3.41E-03	0.00E+00	-3.13E-04	3.95E-10	1.07E-08	1.32E-02	6.10E-01	0.00E+00	0.00E+00	1.79E+00	4.30E-03	3.06E+00	0.00E+00	2.46E-08	1.39E-08	9.87E-04	1.30E-07	3.17E-01	0.00E+00	3.06E+00	7.31E-07	3.06E+00	3.42E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.34E+01
MCN504	2.29E-03	3.90E-01	1.17E-02	3.76E-01	0.00E+00	0.00E+00	2.01E+00	3.89E-06	8.63E-04	3.38E-03	0.00E+00	-3.33E-04	3.95E-10	1.06E-08	1.32E-02	6.10E-01	0.00E+00	0.00E+00	1.75E+00	4.63E-03	3.01E+00	0.00E+00	2.42E-08	1.38E-08	9.45E-04	1.38E-07	3.12E-01	0.00E+00	3.01E+00	7.29E-07	3.01E+00	3.33E+00	3.12E-01	0.00E+00	0.00E+00	0.00E+00	6.21E+01
MCN506	1.27E-03	2.96E-01	8.28E-03	2.92E-01	0.00E+00	0.00E+00	1.67E+00	3.28E-06	5.50E-04	2.61E-03	0.00E+00	-1.60E-04	2.86E-10	6.82E-09	1.11E-02	4.40E-01	0.00E+00	0.00E+00	1.27E+00	2.07E-03	2.35E+00	0.00E+00	1.87E-08	9.05E-09	6.79E-04	7.46E-08	2.28E-01	0.00E+00	2.35E+00	7.24E-07	2.35E+00	2.54E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	4.53E+01
MCN506E	1.26E-03	2.96E-01	8.27E-03	2.90E-01	0.00E+00	0.00E+00	1.67E+00	3.26E-06	5.50E-04	2.61E-03	0.00E+00	-1.58E-04	2.86E-10	6.82E-09	1.11E-02	4.34E-01	0.00E+00	0.00E+00	1.25E+00	2.03E-03	2.35E+00	0.00E+00	1.86E-08	9.03E-09	6.79E-04	7.34E-08	2.25E-01	0.00E+00	2.35E+00	7.17E-07	2.35E+00	2.54E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.48E+01
MCN508E	1.38E-03	3.02E-01	8.39E-03	2.93E-01	0.00E+00	0.00E+00	1.66E+00	3.22E-06	6.33E-04	2.61E-03	0.00E+00	-1.48E-04	3.08E-10	7.70E-09	1.11E-02	4.43E-01	0.00E+00	0.00E+00	1.29E+00	1.95E-03	2.37E+00	0.00E+00	1.90E-08	9.14E-09	6.77E-04	7.11E-08	2.28E-01	0.00E+00	2.37E+00	4.81E-07	2.37E+00	2.59E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
MCN510	1.36E-03	2.96E-01	8.26E-03	2.91E-01	0.00E+00	0.00E+00	1.67E+00	3.29E-06	6.45E-04	2.61E-03	0.00E+00	-1.57E-04	2.98E-10	7.65E-09	1.12E-02	4.47E-01	0.00E+00	0.00E+00	1.29E+00	2.04E-03	2.39E+00	0.00E+00	1.88E-08	9.20E-09	6.79E-04	7.25E-08	2.30E-01	0.00E+00	2.39E+00	7.32E-07	2.39E+00	2.59E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	4.64E+01
MCN510E	1.34E-03	2.96E-01	8.24E-03	2.88E-01	0.00E+00	0.00E+00	1.67E+00	3.18E-06	5.64E-04	2.59E-03	0.00E+00	-1.45E-04	2.94E-10	7.07E-09	1.11E-02	4.36E-01	0.00E+00	0.00E+00	1.27E+00	1.95E-03	2.34E+00	0.00E+00	1.88E-08	9.12E-09	6.77E-04	7.04E-08	2.25E-01	0.00E+00	2.34E+00	4.87E-07	2.34E+00	2.57E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.51E+01
MCN513	1.37E-03	2.77E-01	7.65E-03	2.71E-01	0.00E+00	0.00E+00	1.53E+00	2.92E-06	6.38E-04	2.40E-03	0.00E+00	-1.07E-04	2.63E-10	7.94E-09	9.83E-03	4.09E-01	0.00E+00	0.00E+00	1.19E+00	1.47E-03	2.12E+00	0.00E+00	1.74E-08	8.63E-09	6.49E-04	5.74E-08	2.11E-01	0.00E+00	2.12E+00	3.84E-07	2.12E+00	2.36E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	4.23E+01
MCN513E	1.58E-03	3.04E-01	8.56E-03	2.94E-01	0.00E+00	0.00E+00	1.73E+00	3.34E-06	7.27E-04	2.66E-03	0.00E+00	-1.47E-04	3.15E-10	8.72E-09	1.16E-02	4.58E-01	0.00E+00	0.00E+00	1.35E+00	1.96E-03	2.44E+00	0.00E+00	1.95E-08	9.73E-09	6.94E-04	7.12E-08	2.35E-01	0.00E+00	2.44E+00	4.84E-07	2.44E+00	2.69E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
MCN516	1.66E-03	3.04E-01	8.53E-03	2.96E-01	0.00E+00	0.00E+00	1.75E+00	3.35E-06	7.88E-04	2.66E-03	0.00E+00	-1.52E-04	3.08E-10	9.52E-09	1.16E-02	4.63E-01	0.00E+00	0.00E+00	1.36E+00	2.01E-03	2.45E+00	0.00E+00	1.95E-08	9.72E-09	6.92E-04	7.34E-08	2.36E-01	0.00E+00	2.45E+00	4.90E-07	2.45E+00	2.69E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
MCN516E	1.47E-03	3.00E-01	8.55E-03	2.91E-01	0.00E+00	0.00E+00	1.72E+00	3.27E-06	6.60E-04	2.63E-03	0.00E+00	-1.45E-04	3.03E-10	8.09E-09	1.14E-02	4.57E-01	0.00E+00	0.00E+00	1.31E+00	1.95E-03	2.40E+00	0.00E+00	1.92E-08	9.41E-09	6.94E-04	7.08E-08	2.33E-01	0.00E+00	2.40E+00	4.88E-07	2.40E+00	2.63E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	4.69E+01
MCN520	1.75E-03	3.06E-01	8.67E-03	2.97E-01	0.00E+00	0.00E+00	1.73E+00	3.35E-06	8.76E-04	2.67E-03	0.00E+00	-1.66E-04	3.17E-10	1.04E-08	1.16E-02	4.69E-01	0.00E+00	0.00E+00	1.38E+00	2.20E-03	2.46E+00	0.00E+00	1.97E-08	9.75E-09	6.87E-04	7.43E-08	2.40E-01	0.00E+00	2.46E+00	4.43E-07	2.46E+00	2.70E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MCN520E	1.76E-03	3.06E-01	9.08E-03	2.97E-01	0.00E+00	0.00E+00	1.79E+00	3.37E-06	8.69E-04	2.70E-03	0.00E+00	-1.45E-04	3.20E-10	1.03E-08	1.17E-02	4.98E-01	0.00E+00	0.00E+00	1.39E+00	1.95E-03	2.48E+00	0.00E+00	1.99E-08	9.96E-09	7.27E-04	7.12E-08	2.47E-01	0.00E+00	2.48E+00	4.83E-07	2.48E+00	2.73E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MCN525	2.00E-03	3.17E-01	1.01E-02	3.07E-01	0.00E+00	0.00E+00	1.84E+00	3.47E-06	1.06E-03	2.79E-03	0.00E+00	-1.97E-04	3.32E-10	1.23E-08	1.19E-02	5.37E-01	0.00E+00	0.00E+00	1.46E+00	2.63E-03	2.55E+00	0.00E+00	2.04E-08	1.03E-08	7.57E-04	8.82E-08	2.58E-01	0.00E+00	2.55E+00	4.30E-07	2.55E+00	2.80E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	5.26E+01
MCN525E	2.02E-03	3.17E-01	1.01E-02	3.07E-01	0.00E+00	0.00E+00	1.88E+00	3.48E-06	1.07E-03	2.80E-03	0.00E+00	-2.03E-04	3.31E-10	1.24E-08	1.20E-02	5.38E-01	0.00E+00	0.00E+00	1.46E+00	2.72E-03	2.55E+00	0.00E+00	2.05E-08	1.04E-08	7.62E-04	9.05E-08	2.60E-01	0.00E+00	2.55E+00	4.45E-07	2.55E+00	2.81E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.26E+01
MCN532	3.23E-03	3.88E-01	1.21E-02	3.77E-01	0.00E+00	0.00E+00	2.12E+00	3.95E-06	1.91E-03	3.45E-03	0.00E+00	-1.83E-04	3.96E-10	2.09E-08	1.35E-02	7.17E-01	0.00E+00	0.00E+00	1.79E+00	2.52E-03	3.16E+00	0.00E+00	2.53E-08	1.32E-08	9.78E-04	8.61E-08	3.23E-01	0.00E+00	3.16E+00	7.18E-07	3.16E+00	3.49E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.53E+01
MCN532E	3.22E-03	3.87E-01	1.19E-02	3.75E-01	0.00E+00	0.00E+00	2.11E+00	3.81E-06	1.90E-03	3.45E-03	0.00E+00	-1.52E-04	3.93E-10	2.08E-08	1.34E-02	7.10E-01	0.00E+00	0.00E+00	1.78E+00	2.05E-03	2.96E+00	0.00E+00	2.42E-08	1.30E-08	9.75E-04	7.77E-08	3.17E-01	0.00E+00	2.96E+00	4.65E-07	2.96E+00	3.28E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.48E+01
MCN540	3.23E-03	3.88E-01	1.27E-02	3.77E-01	0.00E+00	0.00E+00	2.13E+00	3.98E-06	1.91E-03	3.46E-03	0.00E+00	-2.47E-04	4.17E-10	2.09E-08	1.35E-02	7.17E-01	0.00E+00	0.00E+00	1.83E+00	3.34E-03	3.11E+00	0.00E+00	2.52E-08	1.33E-08	9.81E-04	1.08E-07	3.25E-01	0.00E+00	3.11E+00	7.10E-07	3.11E+00	3.46E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MCN540E	3.22E-03	3.88E-01	1.27E-02	3.75E-01	0.00E+00	0.00E+00	2.12E+00	3.87E-06	1.90E-03	3.45E-03	0.00E+00	-2.39E-04	4.17E-10	2.09E-08	1.35E-02	7.14E-01	0.00E+00	0.00E+00	1.83E+00	3.19E-03	2.98E+00	0.00E+00	2.43E-08	1.31E-08	9.76E-04	1.05E-07	3.22E-01	0.00E+00	2.98E+00	4.75E-07	2.98E+00	3.30E+00	3.22E-01	0.00E+00	0.00E+00	0.00E+00	6.69E+01
MCN550	3.97E-03	4.04E-01	1.41E-02	3.90E-01	0.00E+00	0.00E+00	2.41E+00	4.40E-06	2.37E-03	3.62E-03	0.00E+00	-2.62E-04	4.57E-10	2.64E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.07E+00	3.50E-03	3.32E+00	0.00E+00	2.67E-08	1.46E-08	1.05E-03	1.10E-07	3.66E-01	0.00E+00	3.32E+00	7.33E-07	3.32E+00	3.71E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MCN550E	3.96E-03	4.03E-01	1.41E-02	3.89E-01	0.00E+00	0.00E+00	2.38E+00	4.33E-06	2.34E-03	3.60E-03	0.00E+00	-2.44E-04	4.57E-10	2.63E-08	1.44E-02	8.17E-01	0.00E+00	0.00E+00	2.07E+00	3.22E-03	3.25E+00	0.00E+00	2.61E-08	1.45E-08	1.06E-03	1.07E-07	3.66E-01	0.00E+00	3.25E+00	4.60E-07	3.25E+00	3.62E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MCN563	4.09E-03	4.06E-01	1.42E-02	3.93E-01	0.00E+00	0.00E+00	2.42E+00	4.48E-06	2.41E-03	3.66E-03	0.00E+00	-2.77E-04	4.64E-10	2.70E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.11E+00	3.80E-03	3.33E+00	0.00E+00	2.68E-08	1.46E-08	1.06E-03	1.18E-07	3.69E-01	0.00E+00	3.33E+00	7.47E-07	3.33E+00	3.72E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+01
MCN563E	4.03E-03	4.03E-01	1.42E-02	3.89E-01	0.00E+00	0.00E+00	2.39E+00	4.39E-06	2.37E-03	3.61E-03	0.00E+00	-2.49E-04	4.62E-10	2.65E-08	1.44E-02	8.18E-01	0.00E+00	0.00E+00	2.11E+00	3.40E-03	3.26E+00	0.00E+00	2.62E-08	1.46E-08	1.06E-03	1.12E-07	3.68E-01	0.00E+00	3.26E+00	4.66E-07	3.26E+00	3.63E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.77E+01
MCN600	3.91E-03	8.37E-01	2.34E-02	8.06E-01	0.00E+00	0.00E+00	4.35E+00	7.98E-06	5.68E-04	7.40E-03	0.00E+00	-4.19E-04	8.32E-10	9.91E-09	2.71E-02	1.36E+00	0.00E+00	0.00E+00	3.82E+00	5.23E-03	6.06E+00	0.00E+00	4.83E-08	2.65E-08	1.96E-03	1.83E-07	6.86E-01	0.00E+00	6.06E+00	9.97E-07	6.06E+00	6.67E+00	6.86E-01	0.00E+00	0.00E+00	0.00E+00	1.45E+02
MCN601	4.03E-03	7.83E-01	2.32E-02	7.57E-01	0.00E+00	0.00E+00	4.32E+00	7.82E-06	1.25E-03	6.96E-03	0.00E+00	-4.09E-04	8.22E-10	1.60E-08	2.70E-02	1.30E+00	0.00E+00	0.00E+00	3.69E+00	5.16E-03	5.99E+00	0.00E+00	4.81E-08	2.60E-08	1.92E-03	1.75E-07	6.55E-01	0.00E+00	5.99E+00	9.73E-07	5.99E+00	6.62E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCN602	4.03E-03	7.86E-01	2.32E-02	7.61E-01	0.00E+00	0.00E+00	4.32E+00	7.82E-06	1.24E-03	7.01E-03	0.00E+00	-3.59E-04	8.26E-10	1.61E-08	2.70E-02	1.30E+00	0.00E+00	0.00E+00	3.70E+00	4.45E-03	6.03E+00	0.00E+00	4.86E-08	2.62E-08	1.96E-03	1.79E-07	6.55E-01	0.00E+00	6.03E+00	9.96E-07	6.03E+00	6.67E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCN603	3.99E-03	7.82E-01	2.30E-02	7.56E-01	0.00E+00	0.00E+00	4.31E+00	7.82E-06	1.23E-03	6.98E-03	0.00E+00	-3.54E-04	8.22E-10	1.64E-08	2.69E-02	1.30E+00	0.00E+00	0.00E+00	3.68E+00	4.41E-03	6.00E+00	0.00E+00	4.85E-08	2.61E-08	1.95E-03	1.74E-07	6.55E-01	0.00E+00	6.00E+00	9.96E-07	6.00E+00	6.62E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MCN604	3.98E-03	8.01E-01	2.42E-02	7.73E-01	0.00E+00	0.00E+00	4.37E+00	7.97E-06	1.23E-03	7.07E-03	0.00E+00	-3.95E-04	8.28E-10	1.64E-08	2.75E-02	1.30E+00	0.00E+00	0.00E+00	3.74E+00	4.96E-03	6.17E+00	0.00E+00	4.86E-08	2.63E-08	1.95E-03	1.81E-07	6.69E-01	0.00E+00	6.17E+00	9.92E-07	6.17E+00	6.76E+00	6.69E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
MCN606	2.69E-03	5.97E-01	1.69E-02	5.80E-01	0.00E+00	0.00E+00	3.31E+00	6.29E-06	1.07E-03	5.20E-03	0.00E+00	-3.20E-04	5.77E-10	1.38E-08	2.20E-02	8.70E-01	0.00E+00	0.00E+00	2.48E+00	4.41E-03	4.65E+00	0.00E+00	3.73E-08	1.79E-08	1.36E-03	1.63E-07	4.41E-01	0.00E+00	4.65E+00	9.04E-07	4.65E+00	5.10E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	8.86E+01
MCN606E	2.71E-03	5.97E-01	1.77E-02	5.81E-01	0.00E+00	0.00E+00	3.38E+00	6.30E-06	1.06E-03	5.21E-03	0.00E+00	-3.14E-04	5.79E-10	1.36E-08	2.21E-02	8.74E-01	0.00E+00	0.00E+00	2.56E+00	4.31E-03	4.73E+00	0.00E+00	3.79E-08	1.81E-08	1.36E-03	1.55E-07	4.52E-01	0.00E+00	4.73E+00	2.87E-07	4.73E+00	5.20E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.11E+01
MCN610	2.74E-03	5.94E-01	1.68E-02	5.79E-01	0.00E+00	0.00E+00	3.36E+00	6.39E-06	1.13E-03	5.22E-03	0.00E+00	-2.97E-04	6.02E-10	1.42E-08	2.23E-02	8.75E-01	0.00E+00	0.00E+00	2.51E+00	4.02E-03	4.68E+00	0.00E+00	3.76E-08	1.81E-08	1.36E-03	1.51E-07	4.49E-01	0.00E+00	4.68E+00	9.70E-07	4.68E+00	5.13E+00	4.49E-01	0.00E+00	0.00E+00	0.00E+00	9.08E+01
MCN610E	2.68E-03	5.94E-01	1.65E-02	5.77E-01	0.00E+00	0.00E+00	3.35E+00	6.40E-06	1.13E-03	5.20E-03	0.00E+00	-2.91E-04	6.01E-10	1.42E-08	2.23E-02	8.74E-01	0.00E+00	0.00E+00	2.56E+00	3.90E-03	4.70E+00	0.00E+00	3.76E-08	1.83E-08	1.36E-03	1.41E-07	4.52E-01	0.00E+00	4.70E+00	9.90E-07	4.70E+00	5.16E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.15E+01
MCN613	2.96E-03	6.03E-01	1.72E-02	5.85E-01	0.00E+00	0.00E+00	3.46E+00	6.62E-06	1.32E-03	5.29E-03	0.00E+00	-2.91E-04	6.32E-10	1.62E-08	2.28E-02	9.21E-01	0.00E+00	0.00E+00	2.68E+00	3.90E-03	4.83E+00	0.00E+00	3.86E-08	1.90E-08	1.40E-03	1.42E-07	4.72E-01	0.00E+00	4.83E+00	1.00E-06	4.83E+00	5.30E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.62E+01
MCN613E	2.83E-03	6.00E-01	1.78E-02	5.83E-01	0.00E+00	0.00E+00	3.42E+00	6.40E-06	1.18E-03	5.26E-03	0.00E+00	-2.88E-04	6.15E-10	1.47E-08	2.24E-02	9.16E-01	0.00E+00	0.00E+00	2.63E+00	3.84E-03	4.75E+00	0.00E+00	3.82E-08	1.89E-08	1.38E-03	1.41E-07	4.64E-01	0.00E+00	4.75E+00	2.94E-07	4.75E+00	5.23E+00	4.64E-01	0.00E+00	0.00E+00	0.00E+00	9.43E+01
MCN616	2.95E-03	6.01E-01	1.71E-02	5.84E-01	0.00E+00	0.00E+00	3.45E+00	6.58E-06	1.32E-03	5.28E-03	0.00E+00	-2.91E-04	6.20E-10	1.62E-08	2.28E-02	9.17E-01	0.00E+00	0.00E+00	2.66E+00	3.90E-03	4.81E+00	0.00E+00	3.85E-08	1.89E-08	1.39E-03	1.42E-07	4.69E-01	0.00E+00	4.81E+00	9.93E-07	4.81E+00	5.28E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.51E+01
MCN616E	2.95E-03	6.01E-01	1.71E-02	5.84E-01	0.00E+00	0.00E+00	3.45E+00	6.58E-06	1.32E-03	5.28E-03	0.00E+00	-2.91E-04	6.20E-10	1.62E-08	2.28E-02	9.17E-01	0.00E+00	0.00E+00	2.66E+00	3.90E-03	4.81E+00	0.00E+00	3.85E-08	1.89E-08	1.39E-03	1.42E-07	4.69E-01	0.00E+00	4.81E+00	9.93E-07	4.81E+00	5.28E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.51E+01
MCN620	3.40E-03	6.13E-01	1.81E-02	5.94E-01	0.00E+00	0.00E+00	3.58E+00	6.80E-06	1.64E-03	5.41E-03	0.00E+00	-2.91E-04	6.56E-10	1.97E-08	2.34E-02	9.86E-01	0.00E+00	0.00E+00	2.81E+00	3.90E-03	4.97E+00	0.00E+00	3.98E-08	1.99E-08	1.45E-03	1.42E-07	4.95E-01	0.00E+00	4.97E+00	9.96E-07	4.97E+00	5.47E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MCN620E	3.40E-03	6.13E-01	1.81E-02	5.94E-01	0.00E+00	0.00E+00	3.58E+00	6.80E-06	1.64E-03	5.41E-03	0.00E+00	-2.91E-04	6.56E-10	1.97E-08	2.34E-02	9.86E-01	0.00E+00	0.00E+00	2.81E+00	3.90E-03	4.97E+00	0.00E+00	3.98E-08	1.99E-08	1.45E-03	1.42E-07	4.95E-01	0.00E+00	4.97E+00	9.96E-07	4.97E+00	5.47E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MCN625	3.93E-03	6.35E-01	2.02E-02	6.14E-01	0.00E+00	0.00E+00	3.77E+00	7.03E-06	2.04E-03	5.60E-03	0.00E+00	-4.07E-04	6.79E-10	2.38E-08	2.40E-02	1.06E+00	0.00E+00	0.00E+00	2.95E+00	5.43E-03	5.10E+00	0.00E+00	4.09E-08	2.07E-08	1.52E-03	1.81E-07	5.22E-01	0.00E+00	5.10E+00	9.19E-07	5.10E+00	5.62E+00	5.22E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MCN625E	3.93E-03	6.35E-01	2.02E-02	6.14E-01	0.00E+00	0.00E+00	3.77E+00	7.03E-06	2.04E-03	5.60E-03	0.00E+00	-4.07E-04	6.79E-10	2.38E-08	2.40E-02	1.06E+00	0.00E+00	0.00E+00	2.95E+00	5.43E-03	5.10E+00	0.00E+00	4.09E-08	2.07E-08	1.52E-03	1.81E-07	5.22E-01	0.00E+00	5.10E+00	9.19E-07	5.10E+00	5.62E+00	5.22E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MCN632	6.44E-03	7.76E-01	2.39E-02	7.52E-01	0.00E+00	0.00E+00	4.23E+00	7.69E-06	3.81E-03	6.92E-03	0.00E+00	-3.05E-04	8.10E-10	4.16E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.60E+00	4.10E-03	5.95E+00	0.00E+00	4.86E-08	2.63E-08	1.96E-03	1.56E-07	6.41E-01	0.00E+00	5.95E+00	9.55E-07	5.95E+00	6.59E+00	6.41E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
MCN632E	6.44E-03	7.76E-01	2.39E-02	7.52E-01	0.00E+00	0.00E+00	4.23E+00	7.69E-06	3.81E-03	6.92E-03	0.00E+00	-3.05E-04	8.10E-10	4.16E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.60E+00	4.10E-03	5.95E+00	0.00E+00	4.86E-08	2.63E-08	1.96E-03	1.56E-07	6.41E-01	0.00E+00	5.95E+00	9.55E-07	5.95E+00	6.59E+00	6.41E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+02
MCN640	6.45E-03	7.75E-01	2.54E-02	7.50E-01	0.00E+00	0.00E+00	4.24E+00	7.75E-06	3.81E-03	6.90E-03	0.00E+00	-4.78E-04	8.33E-10	4.17E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.65E+00	6.39E-03	5.96E+00	0.00E+00	4.86E-08	2.63E-08	1.95E-03	2.11E-07	6.45E-01	0.00E+00	5.96E+00	9.54E-07	5.96E+00	6.61E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MCN640E	6.45E-03	7.75E-01	2.54E-02	7.50E-01	0.00E+00	0.00E+00	4.24E+00	7.75E-06	3.81E-03	6.90E-03	0.00E+00	-4.78E-04	8.33E-10	4.17E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.65E+00	6.39E-03	5.96E+00	0.00E+00	4.86E-08	2.63E-08	1.95E-03	2.11E-07	6.45E-01	0.00E+00	5.96E+00	9.54E-07	5.96E+00	6.61E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MCN650	7.67E-03	8.11E-01	2.85E-02	7.83E-01	0.00E+00	0.00E+00	4.85E+00	8.94E-06	4.65E-03	7.29E-03	0.00E+00	-4.56E-04	9.24E-10	5.07E-08	2.95E-02	1.65E+00	0.00E+00	0.00E+00	4.20E+00	6.10E-03	6.56E+00	0.00E+00	5.27E-08	2.92E-08	2.12E-03	2.08E-07	7.40E-01	0.00E+00	6.56E+00	1.01E-06	6.56E+00	7.31E+00	7.40E-01	0.00E+00	0.00E+00	0.00E+00	1.54E+02
MCN650E	7.63E-03	8.09E-01	2.83E-02	7.80E-01	0.00E+00	0.00E+00	4.81E+00	8.83E-06	4.65E-03	7.26E-03	0.00E+00	-4.56E-04	9.17E-10	5.05E-08	2.93E-02	1.63E+00	0.00E+00	0.00E+00	4.16E+00	6.10E-03	6.53E+00	0.00E+00	5.25E-08	2.90E-08	2.11E-03	2.07E-07	7.32E-01	0.00E+00	6.53E+00	1.00E-06	6.53E+00	7.26E+00	7.32E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
MCN663	7.75E-03	8.22E-01	2.87E-02	7.91E-01	0.00E+00	0.00E+00	4.93E+00	9.08E-06	4.70E-03	7.39E-03	0.00E+00	-4.56E-04	9.57E-10	5.13E-08	2.98E-02	1.66E+00	0.00E+00	0.00E+00	4.31E+00	6.09E-03	6.67E+00	0.00E+00	5.34E-08	2.96E-08	2.15E-03	2.09E-07	7.58E-01	0.00E+00	6.67E+00	1.03E-06	6.67E+00	7.39E+00	7.58E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
MCN663E	7.72E-03	8.14E-01	2.86E-02	7.86E-01	0.00E+00	0.00E+00	4.87E+00	8.99E-06	4.70E-03	7.32E-03	0.00E+00	-4.56E-04	9.53E-10	5.11E-08	2.96E-02	1.65E+00	0.00E+00	0.00E+00	4.25E+00	6.10E-03	6.60E+00	0.00E+00	5.30E-08	2.94E-08	2.13E-03	2.07E-07	7.45E-01	0.00E+00	6.60E+00	1.03E-06	6.60E+00	7.35E+00	7.45E-01	0.00E+00	0.00E+00	0.00E+00	1.57E+02
MCS006C	6.43E-04	1.48E-01	4.35E-03	1.44E-01	0.00E+00	0.00E+00	7.67E-01	1.43E-06	2.77E-04	1.28E-03	0.00E+00	-1.31E-04	1.37E-10	3.36E-09	5.03E-03	2.01E-01	0.00E+00	0.00E+00	5.78E-01	1.74E-03	1.08E+00	0.00E+00	8.73E-09	4.26E-09	3.29E-04	5.32E-08	1.03E-01	0.00E+00	1.08E+00	2.04E-07	1.08E+00	1.18E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
MCS010C	6.86E-04	1.53E-01	4.26E-03	1.47E-01	0.00E+00	0.00E+00	8.53E-01	1.62E-06	2.90E-04	1.36E-03	0.00E+00	-8.20E-05	1.47E-10	3.62E-09	5.60E-03	2.16E-01	0.00E+00	0.00E+00	6.26E-01	1.06E-03	1.16E+00	0.00E+00	9.44E-09	4.61E-09	3.43E-04	3.98E-08	1.13E-01	0.00E+00	1.16E+00	7.11E-07	1.16E+00	1.27E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.24E+01
MCS013C	7.27E-04	1.48E-01	4.13E-03	1.43E-01	0.00E+00	0.00E+00	8.13E-01	1.57E-06	3.27E-04	1.29E-03	0.00E+00	-7.26E-05	1.57E-10	3.94E-09	5.30E-03	2.19E-01	0.00E+00	0.00E+00	6.45E-01	9.74E-04	1.16E+00	0.00E+00	9.29E-09	4.61E-09	3.42E-04	3.49E-08	1.13E-01	0.00E+00	1.16E+00	2.49E-07	1.16E+00	1.27E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MCS016C	7.25E-04	1.47E-01	4.11E-03	1.43E-01	0.00E+00	0.00E+00	8.08E-01	1.55E-06	3.27E-04	1.29E-03	0.00E+00	-7.26E-05	1.53E-10	3.93E-09	5.28E-03	2.18E-01	0.00E+00	0.00E+00	6.37E-01	9.74E-04	1.15E+00	0.00E+00	9.26E-09	4.59E-09	3.40E-04	3.48E-08	1.12E-01	0.00E+00	1.15E+00	2.45E-07	1.15E+00	1.26E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MCS020C	7.67E-04	1.51E-01	4.44E-03	1.47E-01	0.00E+00	0.00E+00	8.34E-01	1.60E-06	3.62E-04	1.31E-03	0.00E+00	-8.71E-05	1.48E-10	4.30E-09	5.44E-03	2.21E-01	0.00E+00	0.00E+00	6.37E-01	1.17E-03	1.18E+00	0.00E+00	9.40E-09	4.59E-09	3.43E-04	4.07E-08	1.11E-01	0.00E+00	1.18E+00	2.27E-07	1.18E+00	1.29E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MCS106	7.73E-04	1.49E-01	4.49E-03	1.45E-01	0.00E+00	0.00E+00	7.61E-01	1.40E-06	3.77E-04	1.30E-03	0.00E+00	-1.31E-04	1.39E-10	4.43E-09	5.01E-03	2.15E-01	0.00E+00	0.00E+00	5.89E-01	1.74E-03	1.08E+00	0.00E+00	8.89E-09	4.42E-09	3.41E-04	5.32E-08	1.06E-01	0.00E+00	1.08E+00	1.91E-07	1.08E+00	1.19E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
MCS110	6.67E-04	1.41E-01	3.92E-03	1.37E-01	0.00E+00	0.00E+00	7.07E-01	1.31E-06	3.08E-04	1.22E-03	0.00E+00	-1.00E-04	1.21E-10	3.62E-09	4.53E-03	1.90E-01	0.00E+00	0.00E+00	5.30E-01	1.34E-03	1.01E+00	0.00E+00	8.35E-09	4.08E-09	3.18E-04	4.28E-08	9.61E-02	0.00E+00	1.01E+00	1.92E-07	1.01E+00	1.11E+00	9.61E-02	0.00E+00	0.00E+00	0.00E+00	1.88E+01

MCS113	6.64E-04	1.34E-01	3.70E-03	1.30E-01	0.00E+00	0.00E+00	6.33E-01	1.17E-06	3.18E-04	1.16E-03	0.00E+00	-1.00E-04	1.09E-10	3.61E-09	4.16E-03	1.80E-01	0.00E+00	0.00E+00	4.86E-01	1.33E-03	9.45E-01	0.00E+00	7.82E-09	3.87E-09	3.05E-04	4.20E-08	8.86E-02	0.00E+00	9.45E-01	1.80E-07	9.45E-01	1.03E+00	8.86E-02	0.00E+00	0.00E+00	0.00E+00	1.72E+01
MCS116	6.48E-04	1.34E-01	3.23E-03	1.31E-01	0.00E+00	0.00E+00	6.30E-01	1.18E-06	3.03E-04	1.17E-03	0.00E+00	-4.21E-05	1.19E-10	3.46E-09	4.15E-03	1.79E-01	0.00E+00	0.00E+00	5.02E-01	5.69E-04	9.46E-01	0.00E+00	7.80E-09	3.89E-09	3.04E-04	2.34E-08	8.99E-02	0.00E+00	9.46E-01	1.97E-07	9.46E-01	1.04E+00	8.99E-02	0.00E+00	0.00E+00	0.00E+00	1.80E+01
MCS120	1.03E-03	1.53E-01	4.65E-03	1.48E-01	0.00E+00	0.00E+00	8.69E-01	1.65E-06	5.55E-04	1.35E-03	0.00E+00	-7.26E-05	1.70E-10	6.27E-09	5.50E-03	2.60E-01	0.00E+00	0.00E+00	7.18E-01	9.75E-04	1.22E+00	0.00E+00	9.80E-09	5.09E-09	3.73E-04	3.51E-08	1.26E-01	0.00E+00	1.22E+00	2.37E-07	1.22E+00	1.35E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
MCS120W	8.68E-04	1.53E-01	4.75E-03	1.49E-01	0.00E+00	0.00E+00	8.53E-01	1.62E-06	3.90E-04	1.36E-03	0.00E+00	-8.46E-05	1.62E-10	4.51E-09	5.49E-03	2.47E-01	0.00E+00	0.00E+00	6.88E-01	1.23E-03	1.20E+00	0.00E+00	9.73E-09	4.94E-09	3.71E-04	3.95E-08	1.21E-01	0.00E+00	1.20E+00	2.58E-07	1.20E+00	1.32E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
MCS125	1.19E-03	1.60E-01	5.23E-03	1.54E-01	0.00E+00	0.00E+00	1.00E+00	1.91E-06	6.57E-04	1.43E-03	0.00E+00	-7.26E-05	1.90E-10	7.50E-09	6.15E-03	2.96E-01	0.00E+00	0.00E+00	8.24E-01	9.76E-04	1.36E+00	0.00E+00	1.08E-08	5.65E-09	4.01E-04	3.61E-08	1.44E-01	0.00E+00	1.36E+00	2.59E-07	1.36E+00	1.51E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01
MCS132	2.59E-03	2.04E-01	6.74E-03	1.97E-01	0.00E+00	0.00E+00	1.11E+00	2.01E-06	1.03E-03	1.81E-03	0.00E+00	-1.34E-04	2.18E-10	1.11E-08	6.75E-03	3.72E-01	0.00E+00	0.00E+00	9.54E-01	1.79E-03	1.52E+00	0.00E+00	1.24E-08	6.78E-09	5.11E-04	5.78E-08	1.68E-01	0.00E+00	1.52E+00	2.27E-07	1.52E+00	1.69E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.50E+01
MCS140	1.73E-03	2.00E-01	6.30E-03	1.94E-01	0.00E+00	0.00E+00	1.12E+00	2.06E-06	1.03E-03	1.79E-03	0.00E+00	-7.62E-05	2.18E-10	1.12E-08	6.85E-03	3.75E-01	0.00E+00	0.00E+00	9.65E-01	1.03E-03	1.55E+00	0.00E+00	1.26E-08	6.89E-09	5.10E-04	3.92E-08	1.70E-01	0.00E+00	1.55E+00	2.58E-07	1.55E+00	1.72E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
MCS150	2.92E-03	2.10E-01	7.62E-03	2.03E-01	0.00E+00	0.00E+00	1.22E+00	2.23E-06	1.18E-03	1.87E-03	0.00E+00	-1.72E-04	2.33E-10	1.28E-08	7.27E-03	4.10E-01	0.00E+00	0.00E+00	1.05E+00	2.29E-03	1.64E+00	0.00E+00	1.32E-08	7.31E-09	5.40E-04	7.06E-08	1.85E-01	0.00E+00	1.64E+00	2.33E-07	1.64E+00	1.82E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.86E+01
MCS163	2.95E-03	2.12E-01	7.71E-03	2.04E-01	0.00E+00	0.00E+00	1.24E+00	2.27E-06	1.19E-03	1.89E-03	0.00E+00	-1.72E-04	2.43E-10	1.29E-08	7.34E-03	4.15E-01	0.00E+00	0.00E+00	1.08E+00	2.29E-03	1.66E+00	0.00E+00	1.34E-08	7.41E-09	5.45E-04	7.07E-08	1.88E-01	0.00E+00	1.66E+00	2.41E-07	1.66E+00	1.84E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.96E+01
MCS206C	1.22E-03	2.64E-01	8.20E-03	2.55E-01	0.00E+00	0.00E+00	1.59E+00	3.03E-06	5.40E-04	2.32E-03	0.00E+00	-1.54E-04	2.67E-10	6.66E-09	1.04E-02	4.16E-01	0.00E+00	0.00E+00	1.14E+00	2.04E-03	2.20E+00	0.00E+00	1.77E-08	8.65E-09	6.67E-04	7.33E-08	2.05E-01	0.00E+00	2.20E+00	6.55E-07	2.20E+00	2.41E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	3.91E+01
MCS206E	1.23E-03	2.97E-01	8.41E-03	2.91E-01	0.00E+00	0.00E+00	1.64E+00	3.13E-06	5.92E-04	2.62E-03	0.00E+00	-1.66E-04	2.93E-10	7.07E-09	1.10E-02	4.38E-01	0.00E+00	0.00E+00	1.27E+00	2.18E-03	2.35E+00	0.00E+00	1.88E-08	9.07E-09	6.68E-04	7.44E-08	2.25E-01	0.00E+00	2.35E+00	6.55E-07	2.35E+00	2.55E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.51E+01
MCS210C	1.33E-03	2.66E-01	8.22E-03	2.56E-01	0.00E+00	0.00E+00	1.60E+00	3.08E-06	7.75E-04	2.32E-03	0.00E+00	-1.53E-04	2.81E-10	8.20E-09	1.04E-02	4.39E-01	0.00E+00	0.00E+00	1.19E+00	2.01E-03	2.21E+00	0.00E+00	1.79E-08	8.76E-09	6.69E-04	7.29E-08	2.14E-01	0.00E+00	2.21E+00	7.13E-07	2.21E+00	2.42E+00	2.14E-01	0.00E+00	0.00E+00	0.00E+00	4.28E+01
MCS210E	1.37E-03	2.63E-01	8.28E-03	2.52E-01	0.00E+00	0.00E+00	1.64E+00	3.22E-06	8.56E-04	2.31E-03	0.00E+00	-1.50E-04	3.04E-10	9.00E-09	1.11E-02	4.52E-01	0.00E+00	0.00E+00	1.30E+00	1.99E-03	2.41E+00	0.00E+00	1.90E-08	9.35E-09	6.70E-04	7.17E-08	2.29E-01	0.00E+00	2.41E+00	7.11E-07	2.41E+00	2.62E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.68E+01
MCS213C	1.54E-03	2.66E-01	8.40E-03	2.57E-01	0.00E+00	0.00E+00	1.67E+00	3.27E-06	8.20E-04	2.34E-03	0.00E+00	-1.50E-04	3.03E-10	9.15E-09	1.12E-02	4.56E-01	0.00E+00	0.00E+00	1.32E+00	1.98E-03	2.43E+00	0.00E+00	1.92E-08	9.62E-09	6.85E-04	7.24E-08	2.32E-01	0.00E+00	2.43E+00	7.28E-07	2.43E+00	2.64E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.76E+01
MCS216C	1.60E-03	2.67E-01	8.38E-03	2.57E-01	0.00E+00	0.00E+00	1.69E+00	3.28E-06	9.33E-04	2.34E-03	0.00E+00	-1.47E-04	3.04E-10	1.04E-08	1.13E-02	4.57E-01	0.00E+00	0.00E+00	1.33E+00	1.98E-03	2.43E+00	0.00E+00	1.92E-08	9.64E-09	6.85E-04	7.10E-08	2.33E-01	0.00E+00	2.43E+00	7.22E-07	2.43E+00	2.64E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	4.77E+01
MCS216E	1.64E-03	2.89E-01	8.53E-03	2.76E-01	0.00E+00	0.00E+00	1.65E+00	3.19E-06	1.01E-03	2.48E-03	0.00E+00	-1.46E-04	3.03E-10	1.13E-08	1.11E-02	4.61E-01	0.00E+00	0.00E+00	1.32E+00	1.97E-03	2.40E+00	0.00E+00	1.93E-08	9.54E-09	6.81E-04	7.01E-08	2.29E-01	0.00E+00	2.40E+00	4.19E-07	2.40E+00	2.64E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.70E+01
MCS220C	1.72E-03	2.90E-01	8.59E-03	2.78E-01	0.00E+00	0.00E+00	1.66E+00	3.22E-06	9.89E-04	2.49E-03	0.00E+00	-1.82E-04	3.01E-10	1.13E-08	1.12E-02	4.63E-01	0.00E+00	0.00E+00	1.34E+00	2.46E-03	2.40E+00	0.00E+00	1.92E-08	9.61E-09	6.80E-04	7.69E-08	2.33E-01	0.00E+00	2.40E+00	4.10E-07	2.40E+00	2.64E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	4.83E+01
MCS220E	1.85E-03	3.02E-01	8.64E-03	2.92E-01	0.00E+00	0.00E+00	1.68E+00	3.16E-06	1.13E-03	2.69E-03	0.00E+00	-1.93E-04	3.00E-10	1.23E-08	1.11E-02	4.63E-01	0.00E+00	0.00E+00	1.35E+00	2.59E-03	2.39E+00	0.00E+00	1.92E-08	9.85E-09	6.68E-04	8.06E-08	2.34E-01	0.00E+00	2.39E+00	4.00E-07	2.39E+00	2.63E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	4.83E+01
MCS225E	2.35E-03	3.80E-01	1.15E-02	3.62E-01	0.00E+00	0.00E+00	2.15E+00	4.19E-06	1.07E-03	3.36E-03	0.00E+00	-2.37E-04	3.86E-10	1.28E-08	1.42E-02	5.66E-01	0.00E+00	0.00E+00	1.71E+00	3.24E-03	3.17E+00	0.00E+00	2.56E-08	1.25E-08	9.53E-04	9.80E-08	3.02E-01	0.00E+00	3.17E+00	6.93E-07	3.17E+00	3.48E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	6.07E+01
MCS240E	4.04E-03	4.07E-01	1.37E-02	3.95E-01	0.00E+00	0.00E+00	2.21E+00	4.18E-06	2.47E-03	3.63E-03	0.00E+00	-2.59E-04	4.39E-10	2.74E-08	1.45E-02	7.47E-01	0.00E+00	0.00E+00	1.92E+00	3.40E-03	3.15E+00	0.00E+00	2.52E-08	1.36E-08	1.01E-03	1.10E-07	3.38E-01	0.00E+00	3.15E+00	7.10E-07	3.15E+00	3.43E+00	3.38E-01	0.00E+00	0.00E+00	0.00E+00	7.21E+01
MCS250E	4.28E-03	4.06E-01	1.41E-02	3.90E-01	0.00E+00	0.00E+00	2.40E+00	4.37E-06	2.54E-03	3.62E-03	0.00E+00	-2.55E-04	4.56E-10	2.94E-08	1.50E-02	8.17E-01	0.00E+00	0.00E+00	2.02E+00	3.22E-03	3.30E+00	0.00E+00	2.65E-08	1.41E-08	1.00E-03	1.08E-07	3.54E-01	0.00E+00	3.30E+00	7.24E-07	3.30E+00	3.65E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
MCS263E	4.42E-03	4.07E-01	1.42E-02	3.92E-01	0.00E+00	0.00E+00	2.42E+00	4.43E-06	2.59E-03	3.62E-03	0.00E+00	-2.69E-04	4.60E-10	3.02E-08	1.50E-02	8.18E-01	0.00E+00	0.00E+00	2.04E+00	3.48E-03	3.30E+00	0.00E+00	2.66E-08	1.41E-08	1.01E-03	1.16E-07	3.56E-01	0.00E+00	3.30E+00	7.42E-07	3.30E+00	3.66E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.51E+01
MCS306	2.31E-03	4.41E-01	1.25E-02	4.28E-01	0.00E+00	0.00E+00	2.28E+00	4.17E-06	1.13E-03	3.84E-03	0.00E+00	-2.76E-04	4.15E-10	1.33E-08	1.54E-02	6.51E-01	0.00E+00	0.00E+00	1.76E+00	3.69E-03	3.24E+00	0.00E+00	2.65E-08	1.32E-08	1.01E-03	1.22E-07	3.16E-01	0.00E+00	3.24E+00	5.77E-07	3.24E+00	3.55E+00	3.16E-01	0.00E+00	0.00E+00	0.00E+00	6.30E+01
MCS306C	2.30E-03	4.34E-01	1.21E-02	4.20E-01	0.00E+00	0.00E+00	2.31E+00	4.35E-06	9.97E-04	3.65E-03	0.00E+00	-2.44E-04	4.17E-10	1.18E-08	1.49E-02	6.50E-01	0.00E+00	0.00E+00	1.88E+00	3.33E-03	3.43E+00	0.00E+00	2.66E-08	1.38E-08	1.00E-03	1.10E-07	3.35E-01	0.00E+00	3.43E+00	6.85E-07	3.43E+00	3.72E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.74E+01
MCS310	2.00E-03	4.14E-01	1.08E-02	4.03E-01	0.00E+00	0.00E+00	2.13E+00	3.94E-06	9.18E-04	3.61E-03	0.00E+00	-1.84E-04	3.63E-10	1.09E-08	1.41E-02	5.82E-01	0.00E+00	0.00E+00	1.59E+00	2.48E-03	3.07E+00	0.00E+00	2.51E-08	1.23E-08	9.45E-04	9.11E-08	2.90E-01	0.00E+00	3.07E+00	6.00E-07	3.07E+00	3.36E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.65E+01
MCS310C	2.30E-03	4.44E-01	1.21E-02	4.28E-01	0.00E+00	0.00E+00	2.31E+00	4.37E-06	1.10E-03	3.70E-03	0.00E+00	-2.27E-04	4.31E-10	1.31E-08	1.48E-02	6.63E-01	0.00E+00	0.00E+00	1.92E+00	3.06E-03	3.39E+00	0.00E+00	2.61E-08	1.40E-08	1.01E-03	1.04E-07	3.39E-01	0.00E+00	3.39E+00	7.28E-07	3.39E+00	3.65E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	6.91E+01
MCS313	2.55E-03	4.43E-01	1.28E-02	4.30E-01	0.00E+00	0.00E+00	2.41E+00	4.53E-06	1.28E-03	3.90E-03	0.00E+00	-2.18E-04	4.73E-10	1.50E-08	1.62E-02	7.02E-01	0.00E+00	0.00E+00	1.95E+00	2.92E-03	3.45E+00	0.00E+00	2.79E-08	1.41E-08	1.05E-03	1.04E-07	3.44E-01	0.00E+00	3.45E+00	6.75E-07	3.45E+00	3.79E+00	3.44E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01
MCS313C	1.97E-03	3.94E-01	9.53E-03	3.84E-01	0.00E+00	0.00E+00	1.85E+00	3.39E-06	9.48E-04	3.43E-03	0.00E+00	-1.26E-04	3.18E-10	1.07E-08	1.26E-02	5.39E-01	0.00E+00	0.00E+00	1.42E+00	1.71E-03	2.77E+00	0.00E+00	2.29E-08	1.14E-08	8.97E-04	6.98E-08	2.60E-01	0.00E+00	2.77E+00	5.33E-07	2.77E+00	3.03E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
MCS316	2.00E-03	4.14E-01	1.09E-02	4.03E-01	0.00E+00	0.00E+00	2.13E+00	3.95E-06	9.19E-04	3.62E-03	0.00E+00	-1.84E-04	3.64E-10	1.09E-08	1.41E-02	5.83E-01	0.00E+00	0.00E+00	1.60E+00	2.48E-03	3.08E+00	0.00E+00	2.52E-08	1.23E-08	9.46E-04	9.12E-08	2.90E-01	0.00E+00	3.08E+00	6.01E-07	3.08E+00	3.37E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.66E+01
MCS316C	1.90E-03	3.92E-01	9.38E-03	3.83E-01	0.00E+00	0.00E+00	1.83E+00	3.34E-06	9.00E-04	3.41E-03	0.00E+00	-1.26E-04	3.14E-10	1.02E-08	1.25E-02	5.29E-01	0.00E+00	0.00E+00	1.40E+00	1.71E-03	2.74E+00	0.00E+00	2.27E-08	1.12E-08	8.88E-04	6.97E-08	2.56E-01	0.00E+00	2.74E+00	5.32E-07	2.74E+00	3.00E+00	2.56E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MCS320	3.07E-03	4.55E-01	1.39E-02	4.41E-01	0.00E+00	0.00E+00	2.60E+00	4.88E-06	1.66E-03	4.03E-03	0.00E+00	-2.18E-04	5.08E-10	1.88E-08	1.68E-02	7.83E-01	0.00E+00	0.00E+00	2.14E+00	2.92E-03	3.62E+00	0.00E+00	2.90E-08	1.51E-08	1.11E-03	1.05E-07	3.75E-01	0.00E+00	3.62E+00	6.77E-07	3.62E+00	3.99E+00	3.75E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+01
MCS320C	2.79E-03	4.45E-01	1.31E-02	4.29E-01	0.00E+00	0.00E+00	2.30E+00	4.31E-06	1.31E-03	3.69E-03	0.00E+00	-2.27E-04	4.48E-10	1.54E-08	1.46E-02	7.29E-01	0.00E+00	0.00E+00	2.00E+00	3.05E-03	3.31E+00	0.00E+00	2.59E-08	1.48E-08	9.86E-04	1.15E-07	3.51E-01	0.00E+00	3.31E+00	2.48E-07	3.31E+00	3.56E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	7.39E+01
MCS325	4.60E-03	5.09E-01	1.85E-02	4.91E-01	0.00E+00	0.00E+00	3.39E+00	6.27E-06	2.73E-03	4.59E-03	0.00E+00	-2.76E-04	6.29E-10	3.06E-08	2.03E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	3.70E-03	4.40E+00	0.00E+00	3.50E-08	1.88E-08	1.33E-03	1.30E-07	4.90E-01	0.00E+00	4.40E+00	6.95E-07	4.40E+00	4.89E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MCS332	5.16E-03	5.97E-01	1.89E-02	5.78E-01	0.00E+00	0.00E+00	3.34E+00	6.11E-06	3.09E-03	5.32E-03	0.00E+00	-2.29E-04	6.54E-10	3.35E-08	2.08E-02	1.13E+00	0.00E+00	0.00E+00	2.88E+00	3.08E-03	4.62E+00	0.00E+00	3.74E-08	2.05E-08	1.52E-03	1.17E-07	5.08E-01	0.00E+00	4.62E+00	7.39E-07	4.62E+00	5.13E+00	5.08E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MCS340	7.74E-03	6.02E-01	2.03E-02	5.82E-01	0.00E+00	0.00E+00	3.33E+00	6.03E-06	3.09E-03	5.33E-03	0.00E+00	-4.17E-04	6.53E-10	3.34E-08	2.06E-02	1.12E+00	0.00E+00	0.00E+00	2.86E+00	5.56E-03	4.54E+00	0.00E+00	3.68E-08	2.02E-08	1.51E-03	1.77E-07	5.04E-01	0.00E+00	4.54E+00	6.68E-07	4.54E+00	5.04E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MCS350	5.79E-03	6.16E-01	2.20E-02	5.94E-01	0.00E+00	0.00E+00	3.68E+00	6.75E-06	3.53E-03	5.53E-03	0.00E+00	-4.00E-04	7.00E-10	3.84E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.17E+00	5.34E-03	4.97E+00	0.00E+00	4.00E-08	2.21E-08	1.60E-03	1.75E-07	5.58E-01	0.00E+00	4.97E+00	7.50E-07	4.97E+00	5.53E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MCS363	8.85E-03	6.27E-01	2.22E-02	6.05E-01	0.00E+00	0.00E+00	3.71E+00	6.78E-06	3.57E-03	5.60E-03	0.00E+00	-4.00E-04	7.27E-10	3.88E-08	2.24E-02	1.25E+00	0.00E+00	0.00E+00	3.22E+00	5.34E-03	4.96E+00	0.00E+00	3.99E-08	2.21E-08	1.62E-03	1.75E-07	5.64E-01	0.00E+00	4.96E+00	7.27E-07	4.96E+00	5.52E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MCS506	1.25E-03	2.64E-01	8.24E-03	2.53E-01	0.00E+00	0.00E+00	1.64E+00	3.21E-06	6.23E-04	2.30E-03	0.00E+00	-1.53E-04	2.89E-10	7.16E-09	1.10E-02	4.38E-01	0.00E+00	0.00E+00	1.26E+00	2.00E-03	2.36E+00	0.00E+00	1.87E-08	9.08E-09	6.71E-04	7.40E-08	2.25E-01	0.00E+00	2.36E+00	7.10E-07	2.36E+00	2.56E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.49E+01
MCS510	1.38E-03	2.85E-01	8.30E-03	2.74E-01	0.00E+00	0.00E+00	1.63E+00	3.25E-06	8.88E-04	2.50E-03	0.00E+00	-1.54E-04	2.99E-10	9.12E-09	1.11E-02	4.53E-01	0.00E+00	0.00E+00	1.28E+00	2.00E-03	2.42E+00	0.00E+00	1.90E-08	9.29E-09	6.77E-04	7.24E-08	2.28E-01	0.00E+00	2.42E+00	7.20E-07	2.42E+00	2.61E+00	2.28E-01	0.00E+00	0.00E+00	0.00E+00	4.61E+01
MCS510E	1.40E-03	2.97E-01	8.39E-03	2.90E-01	0.00E+00	0.00E+00	1.60E+00	3.17E-06	8.50E-04	2.59E-03	0.00E+00	-1.48E-04	2.99E-10	8.96E-09	1.10E-02	4.52E-01	0.00E+00	0.00E+00	1.28E+00	1.97E-03	2.37E+00	0.00E+00	1.89E-08	9.22E-09	6.74E-04	7.21E-08	2.24E-01	0.00E+00	2.37E+00	4.21E-07	2.37E+00	2.59E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	4.57E+01
MCS513	1.70E-03	2.95E-01	8.47E-03	2.86E-01	0.00E+00	0.00E+00	1.60E+00	2.98E-06	8.52E-04	2.60E-03	0.00E+00	-1.45E-04	2.98E-10	9.98E-09	1.08E-02	4.66E-01	0.00E+00	0.00E+00	1.27E+00	1.95E-03	2.29E+00	0.00E+00	1.86E-08	9.36E-09	6.97E-04	6.97E-08	2.26E-01	0.00E+00	2.29E+00	4.38E-07	2.29E+00	2.52E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	4.56E+01
MCS516	1.69E-03	2.94E-01	8.45E-03	2.86E-01	0.00E+00	0.00E+00	1.60E+00	2.97E-06	8.51E-04	2.59E-03	0.00E+00	-1.45E-04	2.94E-10	9.97E-09	1.07E-02	4.65E-01	0.00E+00	0.00E+00	1.26E+00	1.95E-03	2.29E+00	0.00E+00	1.86E-08	9.33E-09	6.95E-04	6.97E-08	2.25E-01	0.00E+00	2.29E+00	4.34E-07	2.29E+00	2.51E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.52E+01
MCS516E	1.69E-03	2.68E-01	8.27E-03	2.56E-01	0.00E+00	0.00E+00	1.68E+00	3.33E-06	1.05E-03	2.33E-03	0.00E+00	-1.45E-04	3.00E-10	1.17E-08	1.14E-02	4.60E-01	0.00E+00	0.00E+00	1.32E+00	1.99E-03	2.42E+00	0.00E+00	1.97E-08	9.99E-09	6.86E-04	7.14E-08	2.32E-01	0.00E+00	2.42E+00	4.43E-07	2.42E+00	2.68E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.73E+01
MCS520	1.85E-03	3.02E-01	8.52E-03	2.93E-01	0.00E+00	0.00E+00	1.71E+00	3.29E-06	1.14E-03	2.72E-03	0.00E+00	-1.79E-04	3.00E-10	1.24E-08	1.13E-02	4.69E-01	0.00E+00	0.00E+00	1.35E+00	2.37E-03	2.45E+00	0.00E+00	1.94E-08	9.99E-09	6.84E-04	8.03E-08	2.39E-01	0.00E+00	2.45E+00	7.24E-07	2.45E+00	2.66E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.90E+01
MCS520E	1.85E-03	3.02E-01	8.61E-03	2.92E-01	0.00E+00	0.00E+00	1.68E+00	3.17E-06	1.10E-03	2.69E-03	0.00E+00	-1.76E-04	2.99E-10	1.22E-08	1.12E-02	4.68E-01	0.00E+00	0.00E+00	1.35E+00	2.37E-03	2.40E+00	0.00E+00	1.93E-08	9.92E-09	6.79E-04	8.08E-08	2.35E-01	0.00E+00	2.40E+00	4.20E-07	2.40E+00	2.64E+00	2.35E-01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
MCS525	1.92E-03	3.21E-01	1.11E-02	3.12E-01	0.00E+00	0.00E+00	1.80E+00	3.41E-06	1.06E-03	2.82E-03	0.00E+00	-1.92E-04	3.47E-10	1.21E-08	1.15E-02	5.27E-01	0.00E+00	0.00E+00	1.48E+00	2.60E-03	2.53E+00	0.00E+00	2.02E-08	1.04E-08	7.81E-04	8.74E-08	2.60E-01	0.00E+00	2.53E+00	4.55E-07	2.53E+00	2.77E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.33E+01
MCS525E	1.91E-03	3.19E-01	1.11E-02	3.11E-01	0.00E+00	0.00E+00	1.84E+00	3.49E-06	1.05E-03	2.83E-03	0.00E+00	-1.96E-04	3.45E-10	1.20E-08	1.17E-02	5.29E-01	0.00E+00	0.00E+00	1.47E+00	2.71E-03	2.56E+00	0.00E+00	2.03E-08	1.05E-08	7.85E-04	8.73E-08	2.64E-01	0.00E+00	2.56E+00	7.22E-07	2.56E+00	2.79E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	5.32E+01
MCS532	4.48E-03	3.93E-01	1.29E-02	3.86E-01	0.00E+00	0.00E+00	2.20E+00	4.19E-06	2.74E-03	3.52E-03	0.00E+00	-1.98E-04	4.23E-10	3.16E-08	1.38E-02	7.38E-01	0.00E+00	0.00E+00	1.97E+00	2.72E-03	3.15E+00	0.00E+00	2.52E-08	1.41E-08	1.01E-03	9.46E-08	3.48E-01	0.00E+00	3.15E+00	7.06E-07	3.15E+00	3.46E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
MCS532E	4.47E-03	3.93E-01	1.24E-02	3.85E-01	0.00E+00	0.00E+00	2.17E+00	4.08E-06	2.74E-03	3.52E-03	0.00E+00	-1.95E-04	4.23E-10	3.16E-08	1.36E-02	7.33E-01	0.00E+00	0.00E+00	1.85E+00	2.65E-03	3.12E+00	0.00E+00	2.52E-08	1.41E-08	1.01E-03	9.23E-08	3.29E-01	0.00E+00	3.12E+00	7.07E-07	3.12E+00	3.44E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.84E+01
MCS540	2.16E-03	3.39E-01	1.29E-02	3.29E-01	0.00E+00	0.00E+00	1.82E+00	3.50E-06	2.56E-03	2.92E-03	0.00E+00	-2.35E-04	3.89E-10	2.70E-08	1.17E-02	6.10E-01	0.00E+00	0.00E+00	1.55E+00	3.18E-03	2.58E+00	0.00E+00	2.03E-08	1.07E-08	8.06E-04	9.89E-08	2.72E-01	0.00E+00	2.58E+00	4.54E-07	2.58E+00	2.80E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	5.86E+01
MCS540E	4.44E-03	3.96E-01	1.35E-02	3.87E-01	0.00E+00	0.00E+00	2.20E+00	4.23E-06	2.64E-03	3.52E-03	0.00E+00	-2.62E-04	4.33E-10	3.07E-08	1.40E-02	7.47E-01	0.00E+00	0.00E+00	1.98E+00	3.55E-03	3.16E+00	0.00E+00	2.53E-08	1.42E-08	1.03E-03	1.11E-07	3.48E-01	0.00E+00	3.16E+00	7.18E-07	3.16E+00	3.49E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.31E+01
MCS550	4.33E-03	4.07E-01	1.41E-02	3.92E-01	0.00E+00	0.00E+00	2.41E+00	4.41E-06	2.56E-03	3.66E-03	0.00E+00	-2.53E-04	4.59E-10	2.95E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.08E+00	3.23E-03	3.28E+00	0.00E+00	2.64E-08	1.46E-08	1.06E-03	1.08E-07	3.66E-01	0.00E+00	3.28E+00	7.29E-07	3.28E+00	3.66E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MCS550E	4.33E-03	4.05E-01	1.41E-02	3.92E-01	0.00E+00	0.00E+00	2.41E+00	4.40E-06	2.56E-03	3.66E-03	0.00E+00	-2.54E-04	4.60E-10	2.95E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.08E+00	3.27E-03	3.29E+00	0.00E+00	2.64E-08	1.46E-08	1.06E-03	1.08E-07	3.66E-01	0.00E+00	3.29E+00	7.30E-07	3.29E+00	3.66E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MCS563	4.40E-03	4.07E-01	1.42E-02	3.93E-01	0.00E+00	0.00E+00	2.42E+00	4.48E-06	2.60E-03	3.67E-03	0.00E+00	-2.60E-04	4.65E-10	2.97E-08	1.48E-02	8.18E-01	0.00E+00	0.00E+00	2.11E+00	3.41E-03	3.30E+00	0.00E+00	2.65E-08	1.47E-08	1.06E-03	1.13E-07	3.69E-01	0.00E+00	3.30E+00	7.41E-07	3.30E+00	3.67E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.78E+01
MCS563E	4.40E-03	4.07E-01	1.42E-02	3.93E-01	0.00E+00	0.00E+00	2.42E+00	4.49E-06	2.60E-03	3.67E-03	0.00E+00	-2.61E-04	4.63E-10	2.97E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.11E+00	3.40E-03	3.30E+00	0.00E+00	2.65E-08	1.47E-08	1.06E-03	1.14E-07	3.69E-01	0.00E+00	3.30E+00	7.40E-07	3.30E+00	3.67E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.76E+01
MCS606	3.06E-03	5.88E-01	1.77E-02	5.71E-01	0.00E+00	0.00E+00	3.14E+00	5.78E-06	1.38E-03	5.12E-03	0.00E+00	-3.23E-04	5.67E-10	1.65E-08	2.12E-02	8.77E-01	0.00E+00	0.00E+00	2.41E+00	4.38E-03	4.55E+00	0.00E+00	3.68E-08	1.79E-08	1.36E-03	1.56E-07	4.31E-01	0.00E+00	4.55E+00	2.87E-07	4.55E+00	4.98E+00	4.31E-01	0.00E+00	0.00E+00	0.00E+00	8.58E+01
MCS606E	3.08E-03	5.85E-01	1.71E-02	5.68E-01	0.00E+00	0.00E+00	3.11E+00	5.87E-06	1.41E-03	5.14E-03	0.00E+00	-3.31E-04	5.65E-10	1.68E-08	2.13E-02	8.69E-01	0.00E+00	0.00E+00	2.38E+00	4.47E-03	4.50E+00	0.00E+00	3.62E-08	1.79E-08	1.36E-03	1.63E-07	4.32E-01	0.00E+00	4.50E+00	8.52E-07	4.50E+00	4.85E+00	4.32E-01	0.00E+00	0.00E+00	0.00E+00	8.55E+01
MCS610	3.21E-03	5.87E-01	1.70E-02	5.70E-01	0.00E+00	0.00E+00	3.16E+00	6.11E-06	1.54E-03	5.17E-03	0.00E+00	-3.00E-04	5.97E-10	1.82E-08	2.15E-02	8.86E-01	0.00E+00	0.00E+00	2.46E+00	4.02E-03	4.64E+00	0.00E+00	3.71E-08	1.82E-08	1.36E-03	1.49E-07	4.45E-01	0.00E+00	4.64E+00	8.92E-07	4.64E+00	5.01E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	8.95E+01
MCS610E	3.18E-03	5.84E-01	1.70E-02	5.68E-01	0.00E+00	0.00E+00	3.13E+00	5.97E-06	1.53E-03	5.14E-03	0.00E+00	-2.97E-04	5.91E-10	1.80E-08	2.14E-02	8.84E-01	0.00E+00	0.00E+00	2.43E+00	3.98E-03	4.53E+00	0.00E+00	3.64E-08	1.82E-08	1.36E-03	1.49E-07	4.39E-01	0.00E+00	4.53E+00	8.75E-07	4.53E+00	4.91E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	8.79E+01
MCS613	3.40E-03	5.91E-01	1.70E-02	5.74E-01	0.00E+00	0.00E+00	3.21E+00	6.02E-06	1.70E-03	5.21E-03	0.00E+00	-2.91E-04	6.14E-10	2.00E-08	2.15E-02	9.35E-01	0.00E+00	0.00E+00	2.57E+00	3.90E-03	4.61E+00	0.00E+00	3.74E-08	1.88E-08	1.40E-03	1.39E-07	4.56E-01	0.00E+00	4.61E+00	8.94E-07	4.61E+00	5.06E+00	4.56E-01	0.00E+00	0.00E+00	0.00E+00	9.28E+01
MCS613E	3.27E-03	5.88E-01	1.68E-02	5.72E-01	0.00E+00	0.00E+00	3.21E+00	6.02E-06	1.59E-03	5.19E-03	0.00E+00	-2.99E-04	6.03E-10	1.88E-08	2.13E-02	9.07E-01	0.00E+00	0.00E+00	2.49E+00	4.02E-03	4.60E+00	0.00E+00	3.72E-08	1.84E-08	1.38E-03	1.51E-07	4.44E-01	0.00E+00	4.60E+00	8.81E-07	4.60E+00	5.04E+00	4.44E-01	0.00E+00	0.00E+00	0.00E+00	9.03E+01
MCS616	3.39E-03	5.90E-01	1.69E-02	5.73E-01	0.00E+00	0.00E+00	3.20E+00	5.98E-06	1.70E-03	5.20E-03	0.00E+00	-2.91E-04	6.02E-10	1.99E-08	2.15E-02	9.32E-01	0.00E+00	0.00E+00	2.55E+00	3.90E-03	4.59E+00	0.00E+00	3.73E-08	1.88E-08	1.39E-03	1.39E-07	4.53E-01	0.00E+00	4.59E+00	8.83E-07	4.59E+00	5.04E+00	4.53E-01	0.00E+00	0.00E+00	0.00E+00	9.17E+01
MCS616E	3.38E-03	5.90E-01	1.78E-02	5.73E-01	0.00E+00	0.00E+00	3.20E+00	5.93E-06	1.69E-03	5.20E-03	0.00E+00	-2.82E-04	6.02E-10	1.98E-08	2.14E-02	9.30E-01	0.00E+00	0.00E+00	2.55E+00	3.81E-03	4.60E+00	0.00E+00	3.74E-08	1.88E-08	1.39E-03	1.37E-07	4.52E-01	0.00E+00	4.60E+00	2.68E-07	4.60E+00	5.05E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.17E+01
MCS620	4.10E-03	6.07E-01	1.85E-02	5.88E-01	0.00E+00	0.00E+00	3.46E+00	6.49E-06	2.22E-03	5.38E-03	0.00E+00	-2.91E-04	6.61E-10	2.50E-08	2.24E-02	1.04E+00	0.00E+00	0.00E+00	2.82E+00	3.90E-03	4.83E+00	0.00E+00	3.88E-08	2.01E-08	1.48E-03	1.40E-07	4.98E-01	0.00E+00	4.83E+00	8.98E-07	4.83E+00	5.33E+00	4.98E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MCS620E	3.71E-03	6.04E-01	2.00E-02	5.83E-01	0.00E+00	0.00E+00	3.50E+00	6.32E-06	1.79E-03	5.39E-03	0.00E+00	-3.28E-04	6.57E-10	2.26E-08	2.16E-02	1.05E+00	0.00E+00	0.00E+00	2.75E+00	4.40E-03	4.91E+00	0.00E+00	3.92E-08	1.95E-08	1.51E-03	1.48E-07	4.86E-01	0.00E+00	4.91E+00	2.33E-07	4.91E+00	5.43E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	9.98E+01
MCS625	6.14E-03	6.80E-01	2.49E-02	6.55E-01	0.00E+00	0.00E+00	4.51E+00	8.32E-06	3.65E-03	6.13E-03	0.00E+00	-4.07E-04	8.21E-10	4.08E-08	2.71E-02	1.41E+00	0.00E+00	0.00E+00	3.68E+00	5.44E-03	5.87E+00	0.00E+00	4.68E-08	2.50E-08	1.77E-03	1.85E-07	6.50E-01	0.00E+00	5.87E+00	9.16E-07	5.87E+00	6.52E+00	6.50E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MCS625E	4.95E-03	6.43E-01	2.07E-02	6.19E-01	0.00E+00	0.00E+00	3.68E+00	6.70E-06	3.10E-03	5.70E-03	0.00E+00	-3.79E-04	6.83E-10	3.50E-08	2.23E-02	1.09E+00	0.00E+00	0.00E+00	2.92E+00	5.01E-03	5.08E+00	0.00E+00	4.05E-08	2.03E-08	1.55E-03	1.68E-07	5.13E-01	0.00E+00	5.08E+00	2.94E-07	5.08E+00	5.58E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MCS632	6.36E-03	8.01E-01	2.46E-02	7.71E-01	0.00E+00	0.00E+00	4.42E+00	8.25E-06	3.67E-03	7.08E-03	0.00E+00	-3.17E-04	8.28E-10	4.05E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.74E+00	4.32E-03	6.14E+00	0.00E+00	4.91E-08	2.67E-08	1.97E-03	1.79E-07	6.66E-01	0.00E+00	6.14E+00	9.67E-07	6.14E+00	6.74E+00	6.66E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MCS632E	6.36E-03	8.01E-01	2.46E-02	7.71E-01	0.00E+00	0.00E+00	4.42E+00	8.22E-06	3.67E-03	7.08E-03	0.00E+00	-3.17E-04	8.24E-10	4.05E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.73E+00	4.32E-03	6.14E+00	0.00E+00	4.91E-08	2.67E-08	1.97E-03	1.77E-07	6.65E-01	0.00E+00	6.14E+00	9.63E-07	6.14E+00	6.74E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MCS640	6.36E-03	8.00E-01	2.57E-02	7.70E-01	0.00E+00	0.00E+00	4.47E+00	8.19E-06	3.66E-03	7.11E-03	0.00E+00	-4.73E-04	8.57E-10	4.03E-08	2.74E-02	1.47E+00	0.00E+00	0.00E+00	3.83E+00	6.30E-03	6.15E+00	0.00E+00	4.95E-08	2.70E-08	1.97E-03	2.09E-07	6.78E-01	0.00E+00	6.15E+00	9.85E-07	6.15E+00	6.82E+00	6.78E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MCS640E	6.33E-03	7.96E-01	2.63E-02	7.67E-01	0.00E+00	0.00E+00	4.45E+00	8.07E-06	3.65E-03	7.09E-03	0.00E+00	-4.54E-04	8.61E-10	4.01E-08	2.75E-02	1.47E+00	0.00E+00	0.00E+00	3.81E+00	6.09E-03	6.14E+00	0.00E+00	4.96E-08	2.70E-08	1.97E-03	2.05E-07	6.68E-01	0.00E+00	6.14E+00	2.97E-07	6.14E+00	6.82E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
MFN701	9.50E-04	1.97E-01	5.19E-03	1.92E-01	0.00E+00	0.00E+00	8.74E-01	1.59E-06	4.55E-04	1.70E-03	0.00E+00	-1.34E-04	1.68E-10	5.22E-09	5.97E-03	2.58E-01	0.00E+00	0.00E+00	7.07E-01	1.79E-03	1.31E+00	0.00E+00	1.10E-08	5.50E-09	4.41E-04	5.71E-08	1.26E-01	0.00E+00	1.31E+00	2.41E-07	1.31E+00	1.44E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MFN702	7.28E-04	1.91E-01	4.67E-03	1.86E-01	0.00E+00	0.00E+00	7.94E-01	1.48E-06	2.99E-04	1.63E-03	0.00E+00	-1.31E-04	1.62E-10	3.41E-09	5.51E-03	2.21E-01	0.00E+00	0.00E+00	6.46E-01	1.75E-03	1.21E+00	0.00E+00	9.98E-09	4.97E-09	4.10E-04	5.53E-08	1.14E-01	0.00E+00	1.21E+00	2.44E-07	1.21E+00	1.32E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MFN706	9.76E-04	1.72E-01	4.99E-03	1.67E-01	0.00E+00	0.00E+00	9.00E-01	1.64E-06	4.91E-04	1.50E-03	0.00E+00	-1.25E-04	1.62E-10	5.68E-09	5.85E-03	2.61E-01	0.00E+00	0.00E+00	7.07E-01	1.67E-03	1.25E+00	0.00E+00	1.02E-08	5.16E-09	3.97E-04	5.31E-08	1.26E-01	0.00E+00	1.25E+00	2.22E-07	1.25E+00	1.37E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MFN706A	9.78E-04	1.73E-01	5.06E-03	1.68E-01	0.00E+00	0.00E+00	9.04E-01	1.65E-06	4.89E-04	1.50E-03	0.00E+00	-1.25E-04	1.63E-10	5.68E-09	5.86E-03	2.61E-01	0.00E+00	0.00E+00	7.13E-01	1.68E-03	1.25E+00	0.00E+00	1.03E-08	5.17E-09	3.95E-04	5.32E-08	1.27E-01	0.00E+00	1.25E+00	2.23E-07	1.25E+00	1.38E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.55E+01
MFN710	8.98E-04	1.72E-01	4.84E-03	1.67E-01	0.00E+00	0.00E+00	8.49E-01	1.57E-06	4.44E-04	1.49E-03	0.00E+00	-1.18E-04	1.59E-10	5.05E-09	5.55E-03	2.43E-01	0.00E+00	0.00E+00	6.79E-01	1.57E-03	1.21E+00	0.00E+00	9.90E-09	5.01E-09	3.92E-04	5.04E-08	1.20E-01	0.00E+00	1.21E+00	2.24E-07	1.21E+00	1.33E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
MFN710A	8.68E-04	1.71E-01	4.80E-03	1.66E-01	0.00E+00	0.00E+00	8.56E-01	1.58E-06	4.10E-04	1.49E-03	0.00E+00	-1.18E-04	1.60E-10	4.76E-09	5.57E-03	2.44E-01	0.00E+00	0.00E+00	6.82E-01	1.59E-03	1.21E+00	0.00E+00	9.87E-09	4.98E-09	3.90E-04	5.35E-08	1.20E-01	0.00E+00	1.21E+00	2.26E-07	1.21E+00	1.33E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
MFN716	1.13E-03	1.72E-01	5.00E-03	1.67E-01	0.00E+00	0.00E+00	8.74E-01	1.61E-06	6.32E-04	1.51E-03	0.00E+00	-1.18E-04	1.65E-10	6.68E-09	5.58E-03	2.62E-01	0.00E+00	0.00E+00	7.06E-01	1.57E-03	1.21E+00	0.00E+00	9.92E-09	5.18E-09	4.02E-04	5.24E-08	1.26E-01	0.00E+00	1.21E+00	2.23E-07	1.21E+00	1.34E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
MFN716A	1.11E-03	1.72E-01	4.98E-03	1.67E-01	0.00E+00	0.00E+00	8.74E-01	1.60E-06	6.20E-04	1.50E-03	0.00E+00	-1.16E-04	1.66E-10	6.59E-09	5.58E-03	2.60E-01	0.00E+00	0.00E+00	7.05E-01	1.56E-03	1.21E+00	0.00E+00	9.90E-09	5.16E-09	3.99E-04	5.19E-08	1.26E-01	0.00E+00	1.21E+00	2.22E-07	1.21E+00	1.34E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
MFN720	1.42E-03	1.79E-01	5.73E-03	1.73E-01	0.00E+00	0.00E+00	9.40E-01	1.71E-06	8.33E-04	1.58E-03	0.00E+00	-1.19E-04	1.82E-10	9.04E-09	5.86E-03	3.13E-01	0.00E+00	0.00E+00	8.05E-01	1.59E-03	1.31E+00	0.00E+00	1.07E-08	5.82E-09	4.42E-04	5.11E-08	1.42E-01	0.00E+00	1.31E+00	2.04E-07	1.31E+00	1.46E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
MFN720A	1.32E-03	1.75E-01	5.55E-03	1.71E-01	0.00E+00	0.00E+00	9.70E-01	1.75E-06	8.06E-04	1.56E-03	0.00E+00	-1.18E-04	1.84E-10	8.36E-09	5.93E-03	3.06E-01	0.00E+00	0.00E+00	8.15E-01	1.62E-03	1.32E+00	0.00E+00	1.07E-08	5.81E-09	4.34E-04	5.20E-08	1.44E-01	0.00E+00	1.32E+00	2.13E-07	1.32E+00	1.46E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01

	MFN725	1.55E-03	1.65E-01	5.21E-03	1.61E-01	0.00E+00	0.00E+00	1.00E+00	1.77E-06	9.76E-04	1.50E-03	0.00E+00	-1.16E-04	1.90E-10	1.06E-08	6.03E-03	3.06E-01	0.00E+00	0.00E+00	8.40E-01	1.61E-03	1.32E+00	0.00E+00	1.07E-08	5.81E-09	4.27E-04	5.19E-08	1.48E-01	0.00E+00	1.32E+00	2.24E-07	1.32E+00	1.47E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E+01
	MFN732	1.73E-03	1.85E-01	6.34E-03	1.79E-01	0.00E+00	0.00E+00	1.03E+00	1.85E-06	1.06E-03	1.66E-03	0.00E+00	-1.19E-04	1.99E-10	1.14E-08	6.21E-03	3.58E-01	0.00E+00	0.00E+00	8.97E-01	1.59E-03	1.41E+00	0.00E+00	1.15E-08	6.39E-09	4.78E-04	5.15E-08	1.59E-01	0.00E+00	1.41E+00	1.99E-07	1.41E+00	1.56E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E+01
	MFN910	1.73E-03	2.39E-01	6.09E-03	2.33E-01	0.00E+00	0.00E+00	1.00E+00	1.79E-06	6.07E-04	2.06E-03	0.00E+00	-1.30E-04	2.41E-10	6.66E-09	6.89E-03	3.08E-01	3.94E-05	0.00E+00	8.08E-01	2.09E-03	1.52E+00	0.00E+00	1.28E-08	6.49E-09	5.34E-04	8.56E-08	1.47E-01	0.00E+00	1.52E+00	2.67E-07	1.52E+00	1.67E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E+01
	MFN916	1.77E-03	2.40E-01	6.15E-03	2.33E-01	0.00E+00	0.00E+00	1.01E+00	1.81E-06	6.27E-04	2.06E-03	0.00E+00	-1.30E-04	2.43E-10	6.86E-09	6.94E-03	3.12E-01	3.94E-05	0.00E+00	8.17E-01	2.09E-03	1.53E+00	0.00E+00	1.28E-08	6.55E-09	5.37E-04	8.56E-08	1.48E-01	0.00E+00	1.53E+00	2.67E-07	1.53E+00	1.68E+00	1.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+01
	MFN920	1.72E-03	2.46E-01	6.94E-03	2.39E-01	0.00E+00	0.00E+00	1.09E+00	1.92E-06	9.96E-04	2.14E-03	0.00E+00	-1.29E-04	2.65E-10	1.06E-08	7.18E-03	3.76E-01	3.94E-05	0.00E+00	9.32E-01	2.07E-03	1.62E+00	0.00E+00	1.35E-08	7.27E-09	5.83E-04	8.53E-08	1.68E-01	0.00E+00	1.62E+00	2.43E-07	1.62E+00	1.78E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E+01
	MFN925	2.89E-03	2.49E-01	7.26E-03	2.42E-01	0.00E+00	0.00E+00	1.14E+00	2.00E-06	1.15E-03	2.18E-03	0.00E+00	-1.43E-04	2.26E-10	1.23E-08	7.29E-03	4.06E-01	0.00E+00	0.00E+00	9.95E-01	1.91E-03	1.66E+00	0.00E+00	1.39E-08	7.62E-09	6.04E-04	6.28E-08	1.78E-01	0.00E+00	1.66E+00	2.36E-07	1.66E+00	1.84E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+01
	MFS701	1.30E-03	2.01E-01	6.50E-03	1.95E-01	0.00E+00	0.00E+00	8.71E-01	1.54E-06	7.26E-04	1.75E-03	0.00E+00	-2.45E-04	1.83E-10	8.01E-09	5.90E-03	2.96E-01	0.00E+00	0.00E+00	7.55E-01	3.25E-03	1.32E+00	0.00E+00	1.12E-08	5.91E-09	4.70E-04	9.24E-08	1.35E-01	0.00E+00	1.32E+00	1.97E-07	1.32E+00	1.46E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E+01
	MFS702	1.08E-03	1.94E-01	5.98E-03	1.88E-01	0.00E+00	0.00E+00	7.87E-01	1.41E-06	5.69E-04	1.67E-03	0.00E+00	-2.45E-04	1.71E-10	6.19E-09	5.43E-03	2.59E-01	0.00E+00	0.00E+00	6.83E-01	3.25E-03	1.22E+00	0.00E+00	1.02E-08	5.35E-09	4.38E-04	9.15E-08	1.21E-01	0.00E+00	1.22E+00	1.97E-07	1.22E+00	1.34E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+01
	MFS706	1.48E-03	1.82E-01	6.69E-03	1.76E-01	0.00E+00	0.00E+00	9.25E-01	1.63E-06	8.84E-04	1.61E-03	0.00E+00	-2.34E-04	1.74E-10	9.70E-09	5.91E-03	3.18E-01	0.00E+00	0.00E+00	7.76E-01	3.11E-03	1.32E+00	0.00E+00	1.10E-08	5.91E-09	4.53E-04	8.83E-08	1.40E-01	0.00E+00	1.32E+00	1.71E-07	1.32E+00	1.46E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E+01
	MFS710	1.24E-03	1.75E-01	6.14E-03	1.69E-01	0.00E+00	0.00E+00	8.40E-01	1.51E-06	7.10E-04	1.53E-03	0.00E+00	-2.32E-04	1.67E-10	7.79E-09	5.46E-03	2.80E-01	0.00E+00	0.00E+00	7.13E-01	3.07E-03	1.22E+00	0.00E+00	1.01E-08	5.38E-09	4.19E-04	8.65E-08	1.27E-01	0.00E+00	1.22E+00	1.77E-07	1.22E+00	1.35E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E+01
	MFS716	1.27E-03	1.75E-01	6.20E-03	1.69E-01	0.00E+00	0.00E+00	8.50E-01	1.52E-06	7.29E-04	1.53E-03	0.00E+00	-2.32E-04	1.69E-10	7.99E-09	5.51E-03	2.84E-01	0.00E+00	0.00E+00	7.23E-01	3.07E-03	1.23E+00	0.00E+00	1.02E-08	5.44E-09	4.22E-04	8.66E-08	1.29E-01	0.00E+00	1.23E+00	1.77E-07	1.23E+00	1.36E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E+01
	MFS720	1.70E-03	1.81E-01	6.95E-03	1.75E-01	0.00E+00	0.00E+00	9.27E-01	1.64E-06	1.06E-03	1.61E-03	0.00E+00	-2.33E-04	1.89E-10	1.13E-08	5.76E-03	3.42E-01	0.00E+00	0.00E+00	8.30E-01	3.09E-03	1.31E+00	0.00E+00	1.09E-08	6.11E-09	4.64E-04	8.72E-08	1.47E-01	0.00E+00	1.31E+00	1.61E-07	1.31E+00	1.46E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E+01
	MFS725	1.89E-03	1.87E-01	6.65E-03	1.81E-01	0.00E+00	0.00E+00	1.06E+00	1.90E-06	1.18E-03	1.69E-03	0.00E+00	-1.19E-04	2.12E-10	1.28E-08	6.37E-03	3.82E-01	0.00E+00	0.00E+00	9.44E-01	1.59E-03	1.45E+00	0.00E+00	1.19E-08	6.70E-09	4.95E-04	5.17E-08	1.67E-01	0.00E+00	1.45E+00	1.95E-07	1.45E+00	1.62E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E+01
	MFS732	1.99E-03	1.89E-01	6.85E-03	1.83E-01	0.00E+00	0.00E+00	1.09E+00	1.95E-06	1.25E-03	1.71E-03	0.00E+00	-1.19E-04	2.15E-10	1.35E-08	6.52E-03	3.97E-01	0.00E+00	0.00E+00	9.70E-01	1.59E-03	1.48E+00	0.00E+00	1.21E-08	6.88E-09	5.06E-04	5.19E-08	1.72E-01	0.00E+00	1.48E+00	1.93E-07	1.48E+00	1.66E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E+01
	MHN506	8.84E-04	1.68E-01	5.27E-03	1.63E-01	0.00E+00	0.00E+00	8.26E-01	1.53E-06	4.12E-04	1.45E-03	0.00E+00	-2.01E-04	1.57E-10	4.77E-09	5.40E-03	2.37E-01	0.00E+00	0.00E+00	6.68E-01	2.65E-03	1.18E+00	0.00E+00	9.65E-09	4.81E-09	3.78E-04	7.47E-08	1.19E-01	0.00E+00	1.18E+00	1.97E-07	1.18E+00	1.30E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E+01
	MHN506A	9.84E-04	1.71E-01	5.09E-03	1.66E-01	0.00E+00	0.00E+00	9.14E-01	1.66E-06	5.08E-04	1.49E-03	0.00E+00	-1.31E-04	1.60E-10	5.85E-09	5.82E-03	2.61E-01	0.00E+00	0.00E+00	7.02E-01	1.75E-03	1.25E+00	0.00E+00	1.02E-08	5.10E-09	3.93E-04	5.52E-08	1.25E-01	0.00E+00	1.25E+00	2.05E-07	1.25E+00	1.37E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E+01
	MHN510	8.76E-04	1.67E-01	5.33E-03	1.61E-01	0.00E+00	0.00E+00	7.97E-01	1.46E-06	4.40E-04	1.44E-03	0.00E+00	-2.03E-04	1.48E-10	4.94E-09	5.30E-03	2.34E-01	0.00E+00	0.00E+00	6.32E-01	2.70E-03	1.15E+00	0.00E+00	9.42E-09	4.77E-09	3.78E-04	7.71E-08	1.13E-01	0.00E+00	1.15E+00	1.95E-07	1.15E+00	1.26E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+01
	MHN510A	9.08E-04	1.71E-01	5.02E-03	1.66E-01	0.00E+00	0.00E+00	8.63E-01	1.59E-06	4.53E-04	1.49E-03	0.00E+00	-1.27E-04	1.62E-10	5.19E-09	5.59E-03	2.47E-01	0.00E+00	0.00E+00	6.88E-01	1.67E-03	1.21E+00	0.00E+00	9.84E-09	5.02E-09	3.89E-04	5.37E-08	1.22E-01	0.00E+00	1.21E+00	2.14E-07	1.21E+00	1.33E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E+01
	MHN516	9.10E-04	1.69E-01	5.40E-03	1.63E-01	0.00E+00	0.00E+00	8.11E-01	1.49E-06	4.63E-04	1.46E-03	0.00E+00	-2.00E-04	1.56E-10	5.19E-09	5.36E-03	2.40E-01	0.00E+00	0.00E+00	6.55E-01	2.66E-03	1.16E+00	0.00E+00	9.53E-09	4.87E-09	3.84E-04	7.63E-08	1.16E-01	0.00E+00	1.16E+00	1.98E-07	1.16E+00	1.28E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+01
	MHN516A	9.28E-04	1.70E-01	5.02E-03	1.65E-01	0.00E+00	0.00E+00	8.56E-01	1.57E-06	4.81E-04	1.48E-03	0.00E+00	-1.27E-04	1.60E-10	5.33E-09	5.56E-03	2.46E-01	0.00E+00	0.00E+00	6.82E-01	1.69E-03	1.20E+00	0.00E+00	9.78E-09	4.98E-09	3.90E-04	5.33E-08	1.21E-01	0.00E+00	1.20E+00	2.10E-07	1.20E+00	1.32E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+01
	MHN520	1.44E-03	1.80E-01	6.72E-03	1.73E-01	0.00E+00	0.00E+00	9.64E-01	1.74E-06	8.52E-04	1.58E-03	0.00E+00	-2.31E-04	1.84E-10	9.29E-09	6.01E-03	3.19E-01	0.00E+00	0.00E+00	8.12E-01	3.06E-03	1.33E+00	0.00E+00	1.09E-08	5.87E-09	4.44E-04	8.70E-08	1.44E-01	0.00E+00	1.33E+00	1.88E-07	1.33E+00	1.48E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+01
	MHN520A	1.48E-03	1.84E-01	6.37E-03	1.77E-01	0.00E+00	0.00E+00	1.01E+00	1.85E-06	8.90E-04	1.63E-03	0.00E+00	-1.66E-04	1.93E-10	9.78E-09	6.18E-03	3.31E-01	0.00E+00	0.00E+00	8.54E-01	2.20E-03	1.38E+00	0.00E+00	1.12E-08	6.09E-09	4.49E-04	6.22E-08	1.51E-01	0.00E+00	1.38E+00	2.01E-07	1.38E+00	1.53E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E+01
	MHN525	1.63E-03	1.83E-01	7.06E-03	1.76E-01	0.00E+00	0.00E+00	1.00E+00	1.81E-06	9.89E-04	1.62E-03	0.00E+00	-2.31E-04	1.96E-10	1.07E-08	6.17E-03	3.45E-01	0.00E+00	0.00E+00	8.67E-01	3.06E-03	1.38E+00	0.00E+00	1.12E-08	6.19E-09	4.64E-04	8.72E-08	1.53E-01	0.00E+00	1.38E+00	1.85E-07	1.38E+00	1.53E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+01
	MHN525A	1.62E-03	1.86E-01	6.50E-03	1.80E-01	0.00E+00	0.00E+00	1.05E+00	1.90E-06	9.86E-04	1.66E-03	0.00E+00	-1.64E-04	2.05E-10	1.07E-08	6.36E-03	3.50E-01	0.00E+00	0.00E+00	9.00E-01	2.17E-03	1.41E+00	0.00E+00	1.15E-08	6.32E-09	4.70E-04	6.12E-08	1.59E-01	0.00E+00	1.41E+00	1.99E-07	1.41E+00	1.57E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E+01
	MHN532	1.72E-03	1.85E-01	7.25E-03	1.78E-01	0.00E+00	0.00E+00	1.04E+00	1.86E-06	1.06E-03	1.65E-03	0.00E+00	-2.31E-04	1.99E-10	1.14E-08	6.31E-03	3.59E-01	0.00E+00	0.00E+00	8.92E-01	3.06E-03	1.41E+00	0.00E+00	1.15E-08	6.37E-09	4.75E-04	8.74E-08	1.58E-01	0.00E+00	1.41E+00	1.83E-07	1.41E+00	1.57E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E+01
	MHN532A	1.75E-03	1.87E-01	6.69E-03	1.80E-01	0.00E+00	0.00E+00	1.07E+00	1.93E-06	1.06E-03	1.66E-03	0.00E+00	-1.47E-04	2.07E-10	1.15E-08	6.41E-03	3.59E-01	0.00E+00	0.00E+00	9.15E-01	1.94E-03	1.43E+00	0.00E+00	1.16E-08	6.41E-09	4.77E-04	6.07E-08	1.62E-01	0.00E+00	1.43E+00	1.97E-07	1.43E+00	1.59E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E+01
	MHN706	1.07E-03	1.84E-01	5.89E-03	1.77E-01	0.00E+00	0.00E+00	9.75E-01	1.75E-06	4.98E-04	1.63E-03	0.00E+00	-1.39E-04	1.76E-10	6.05E-09	6.20E-03	2.78E-01	0.00E+00	0.00E+00	7.41E-01	2.00E-03	1.30E+00	0.00E+00	1.09E-08	5.68E-09	4.32E-04	5.69E-08	1.34E-01	0.00E+00	1.30E+00	6.99E-07	1.30E+00	1.44E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E+01
	MHN710	1.01E-03	1.78E-01	5.56E-03	1.73E-01	0.00E+00	0.00E+00	9.24E-01	1.67E-06	4.61E-04	1.56E-03	0.00E+00	-1.27E-04	1.72E-10	5.34E-09	5.92E-03	2.67E-01	0.00E+00	0.00E+00	7.42E-01	1.80E-03	1.28E+00	0.00E+00	1.06E-08	5.49E-09	4.22E-04	5.56E-08	1.34E-01	0.00E+00	1.28E+00	2.22E-07	1.28E+00	1.41E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E+01
	MHS506	8.49E-04	1.68E-01	6.00E-03	1.62E-01	0.00E+00	0.00E+00	7.71E-01	1.39E-06	3.97E-04	1.43E-03	0.00E+00	-2.98E-04	1.54E-10	4.66E-09	5.13E-03	2.29E-01	0.00E+00	0.00E+00	6.37E-01	3.89E-03	1.12E+00	0.00E+00	9.25E-09	4.75E-09	3.73E-04	1.01E-07	1.13E-01	0.00E+00	1.12E+00	1.66E-07	1.12E+00	1.24E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+01
	MHS510	8.51E-04	1.66E-01	5.70E-03	1.61E-01	0.00E+00	0.00E+00	7.68E-01	1.39E-06	3.99E-04	1.37E-03	0.00E+00	-3.03E-04	1.48E-10	4.67E-09	5.14E-03	2.27E-01	0.00E+00	0.00E+00	6.33E-01	4.07E-03	1.12E+00	0.00E+00	9.27E-09	4.66E-09	3.56E-04	1.06E-07	1.12E-01	0.00E+00	1.12E+00	1.68E-07	1.12E+00	1.24E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+01
	MHS516	1.01E-03	1.69E-01	6.29E-03	1.62E-01	0.00E+00	0.00E+00	7.59E-01	1.37E-06	5.52E-04	1.45E-03	0.00E+00	-3.14E-04	1.53E-10	5.99E-09	5.07E-03	2.43E-01	0.00E+00	0.00E+00	6.34E-01	4.16E-03	1.11E+00	0.00E+00	9.19E-09	4.82E-09	3.86E-04	1.12E-07	1.13E-01	0.00E+00	1.11E+00	1.61E-07	1.11E+00	1.22E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E+01
	MHT706	8.80E-04	1.92E-01	5.83E-03	1.86E-01	0.00E+00	0.00E+00	9.87E-01	1.81E-06	3.93E-04	1.70E-03	0.00E+00	-9.23E-05	1.78E-10	4.65E-09	6.43E-03	2.59E-01	0.00E+00	0.00E+00	7.58E-01	1.25E-03	1.36E+00	0.00E+00	1.14E-08	5.59E-09	4.21E-04	4.39E-08	1.37E-01	0.00E+00	1.36E+00	5.68E-07	1.36E+00	1.50E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+01
	MHT710	8.49E-04	1.83E-01	4.67E-03	1.76E-01	0.00E+00	0.00E+00	9.03E-01	1.66E-06	3.78E-04	1.61E-03	0.00E+00	-8.11E-05	1.67E-10	4.54E-09	5.99E-03	2.51E-01	0.00E+00	0.00E+00	6.91E-01	1.08E-03	1.29E+00	0.00E+00	1.06E-08	5.24E-09	4.09E-04	4.07E-08	1.23E-01	0.00E+00	1.29E+00	2.63E-07	1.29E+00	1.42E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+01
	MHT716	1.41E-03	1.85E-01	5.56E-03	1.81E-01	0.00E+00	0.00E+00	1.02E+00	1.85E-06	8.30E-04	1.65E-03	0.00E+00	-8.54E-05	1.86E-10	9.14E-09	6.28E-03	3.23E-01	0.00E+00	0.00E+00	8.16E-01	1.20E-03	1.35E+00	0.00E+00	1.11E-08	6.01E-09	4.36E-04	4.08E-08	1.45E-01	0.00E+00	1.35E+00	6.18E-07	1.35E+00	1.51E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E+01
	MHT720	1.19E-03	1.92E-01	5.88E-03	1.87E-01	0.00E+00	0.00E+00	1.05E+00	1.94E-06	4.24E-04	1.73E-03	0.00E+00	-8.42E-05	1.87E-10	5.13E-09	6.81E-03	3.11E-01	0.00E+00	0.00E+00	8.24E-01	1.16E-03	1.45E+00	0.00E+00	1.20E-08	6.00E-09	4.38E-04	4.13E-08	1.45E-01	0.00E+00	1.45E+00	5.89E-07	1.45E+00	1.61E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E+01
	MHT725	1.45E-03	1.88E-01	5.64E-03	1.83E-01	0.00E+00	0.00E+00	1.04E+00	1.88E-06	8.49E-04	1.71E-03	0.00E+00	-8.46E-05	1.99E-10	9.21E-09	6.32E-03	3.34E-01	0.00E+00	0.00E+00	8.73E-01	1.20E-03	1.38E+00	0.00E+00	1.14E-08	6.33E-09	4.71E-04	4.12E-08	1.54E-01	0.00E+00	1.38E+00	6.02E-07	1.38E+00	1.55E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E+01
	MHT732	1.56E-03	1.99E-01	6.10E-03	1.93E-01	0.00E+00	0.00E+00	1.10E+00	2.01E-06	9.13E-04	1.81E-03	0.00E+00	-9.25E-05	2.07E-10	9.89E-09	6.92E-03	3.52E-01	0.00E+00	0.00E+00	9.02E-01	1.32E-03	1.50E+00	0.00E+00	1.23E-08	6.60E-09	4.94E-04	4.36E-08	1.62E-01	0.00E+00	1.50E+00	5.83E-07	1.50E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+01
	MHT740	1.61E-03	1.98E-01	6.25E-03	1.91E-01	0.00E+00	0.00E+00	1.11E+00	2.01E-06	9.93E-04	1.78E-03	0.00E+00	-1.23E-04	2.06E-10	1.08E-08	6.92E-03	3.55E-01	0.00E+00	0.00E+00	9.03E-01	1.65E-03	1.49E+00	0.00E+00	1.23E-08	6.59E-09	4.92E-04	4.66E-08	1.62E-01	0.00E+00	1.49E+00	5.82E-07	1.49E+00	1.67E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E+01
	MJ506J	9.22E-04	1.70E-01	5.00E-03	1.65E-01	0.00E+00	0.00E+00	8.66E-01	1.59E-06	4.44E-04	1.48E-03	0.00E+00	-1.25E-04	1.56E-10	5.02E-09	5.59E-03	2.44E-01	0.00E+00	0.00E+00	6.81E-01	1.64E-03	1.21E+00	0.00E+00	9.85E-09	4.93E-09	3.89E-04	5.34E-08	1.21E-01	0.00E+00	1.21E+00	2.03E-07	1.21E+00	1.33E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+01
	MJ510J	8.60E-04	1.68E-01	5.01E-03	1.63E-01	0.00E+00	0.00E+00	8.49E-01	1.57E-06	4.08E-04	1.46E-03	0.00E+00	-1.29E-04	1.59E-10	4.73E-09	5.57E-03	2.38E-01	0.00E+00	0.00E+00	6.79E-01	1.67E-03	1.20E+00	0.00E+00	9.79E-09	4.90E-09	3.84E-04	5.42E-08	1.21E-01	0.00E+00	1.20E+00	2.14E-07	1.20E+00	1.32E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+01
	MJ516J	9.33E-04	1.70E-01	5.03E-03	1.65E-01	0.00E+00	0.00E+00	8.59E-01	1.58E-06	4.88E-04	1.49E-03	0.00E+00	-1.26E-04	1.60E-10	5.36E-09	5.56E-03	2.48E-01	0.00E+00	0.00E+00	6.83E-01	1.63E-03	1.20E+00	0.00E+00	9.79E-09	4.99E-09	3.93E-04	5.35E-08	1.21E-01	0.00E+00	1.20E+00	2.11E-07	1.20E+00	1.32E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+01
	MJ520J	1.48E-03	1.85E-01	6.27E-03	1.77E-01	0.00E+00	0.00E+00	1.03E+00	1.86E-06	8.62E-04	1.65E-03	0.00E+00	-1.57E-04	1.91E-10	9.60E-09	6.39E-03	3.24E-01	0.00E+00	0.00E+00	8.40E-01	2.03E-03	1.36E+00	0.00E+00	1.12E-08	6.01E-09	4.49E-04	6.10E-08	1.50E-01	0.00E+00	1.36E+00	6.45E-07	1.36E+00	1.51E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E+01
	MJ525J	1.63E-03	1.88E-01	6.47E-03	1.80E-01	0.00E+00	0.00E+00	1.07E+00	1.90E-06	9.49E-04	1.69E-03	0.00E+00	-1.52E-04	2.00E-10	1.03E-08	6.55E-03	3.47E-01	0.00E+00	0.00E+00	8.93E-01	2.02E-03	1.40E+00	0.00E+00	1.15E-08	6.32E-09	4.69E-04	6.10E-08	1.59E-01	0.00E+00	1.40E+00	2.00E-07	1.40E+00	1.57E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E+01
	MJ532J	1.72E-03	1.89E-01	6.66E-03	1.82E-01	0.00E+00	0.00E+00	1.11E+00	2.00E-06	1.01E-03	1.71E-03	0.00E+00	-1.55E-04	2.08E-10	1.13E-08	6.74E-03	3.64E-01	0.00E+00	0.00E+00	9.21E-01	2.02E-03	1.45E+00	0.00E+00	1.18E-08	6.54E-09	4.82E-04	6.12E-08	1.65E-01	0.00E+00	1.45E+00	6.22E-07	1.45E+00	1.61E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E+01
	MJ540J	1.75E-03	1.87E-01	6.71E-03	1.80E-01	0.00E+00	0.00E+00	1.08E+00	1.95E-06	1.03E-03	1.66E-03	0.00E+00	-1.46E-04	2.12E-10	1.15E-08	6.51E-03	3.69E-01	0.00E+00	0.00E+00	9.37E-01	1.90E-03	1.44E+00	0.00E+00	1.17E-08	6.48E-09	4.79E-04	6.01E-08	1.65E-01	0.00E+00	1.44E+00	1.98E-07	1.44E+00	1.61E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+01
	MJ706P	9.22E-04	1.62E-01	5.31E-03	1.57E-01	0.00E+00	0.00E+00	9.42E-01	1.90E-06	3.85E-04	1.47E-03	0.00E+00	-1.42E-04	1.68E-10	5.02E-09	5.89E-03	2.84E-01	0.00E+00	0.00E+00	7.75E-01	1.82E-03	1.48E+00	0.00E+00	1.14E-08	5.65E-09	4.02E-04	5.91E-08	1.37E-01	0.00E+00	1.48E+00	3.40E-07	1.48E+00	1.63E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+01
	MJ710P	7.62E-04	1.47E-01	4.94E-03	1.45E-01	0.00E+00	0.00E+00	8.96E-01	1.79E-06	2.90E-04	1.40E-03	0.00E+00	-1.38E-04	1.64E-10	3.70E-09	5.60E-03	2.58E-01	0.00E+00	0.00E+00	7.17E-01	1.90E-03	1.40E+00	0.00E+00	1.08E-08	5.30E-09	3.79E-04	5.69E-08	1.27E-01	0.00E+00	1.40E+00	3.11E-07	1.40E+00	1.55E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+01
	MJ716P	1.20E-03	1.47E-01	5.06E-03	1.46E-01	0.00E+00	0.00E+00	9.13E-01	1.81E-06	6.82E-04	1.42E-03	0.00E+00	-1.40E-04	1.70E-10	7.55E-09	5.60E-03	2.75E-01	0.00E+00	0.00E+00	7.35E-01	1.93E-03	1.40E+00	0.00E+00	1.09E-08	5.39E-09	3.86E-04	5.85E-08	1.31E-01	0.00E+00	1.40E+00	3.09E-07	1.40E+00	1.55E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E+01
	MJ720P	1.42E-03	1.56E-01	6.28E-03	1.51E-01	0.00E+00	0.00E+00	1.04E+00	1.99E-06	7.52E-04	1.51E-03	0.00E+00	-1.41E-04	1.92E-10	8.40E-09	6.09E-03	3.44E-01	0.00E+00	0.00E+00	8.94E-01	1.95E-03	1.51E+00	0.00E+00	1.22E-08	6.97E-09	4.50E-04	5.99E-08	1.58E-01	0.00E+00	1.51E+00	3.62E-07	1.51E+00	1.69E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E+01
	MJ725P	1.67E-03	1.77E-01	6.54E-03	1.67E-01	0.00E+00	0.00E+00	1.09E+00	2.16E-06	9.22E-04	1.59E-03	0.00E+00	-1.47E-04	2.03E-10	1.06E-08	6.36E-03	3.61E-01	0.00E+00	0.00E+00	9.41E-01	1.98E-03	1.72E+00	0.00E+00	1.37E-08	7.41E-09	4.72E-04	6.10E-08	1.64E-01	0.00E+00	1.72E+00	3.92E-07	1.72E+00	1.91E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E+01
	MJ732P	1.67E-03	1.78E-01	6.54E-03	1.68E-01	0.00E+00	0.00E+00	1.10E+00	2.17E-06	9.47E-04	1.59E-03	0.00E+00	-1.47E-04	2.04E-10	1.08E-08	6.38E-03	3.63E-01	0.00E+00	0.00E+00	9.44E-01	2.02E-03	1.67E+00	0.00E+00	1.37E-08	7.43E-09	4.75E-04	6.07E-08	1.65E-01	0.00E+00	1.67E+00	3.63E-07	1.67E+00	1.90E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E+01
	MJ740P	1.67E-03	1.77E-01	6.63E-03	1.68E-01	0.00E+00	0.00E+00	1.10E+00	2.20E-06	9.22E-04	1.59E-03	0.00E+00	-1.46E-04	2.04E-10	1.06E-08	6.37E-03	3.63E-01	0.00E+00	0.00E+00	9.44E-01	1.95E-03	1.72E+00	0.00E+00	1.38E-08	7.44E-09	4.75E-04	6.06E-08	1.65E-01	0.00E+00	1.72E+00	3.91E-07	1.72E+00	1.92E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E+01
	MJN502A	8.97E-04	1.67E-01	5.06E-03	1.62E-01	0.00E+00	0.00E+00	9.20E-01	1.68E-06	4.73E-04	1.48E-03	0.00E+00	-1.60E-04	1.66E-10	5.46E-09	5.91E-03	2.53E-01	0.00E+00	0.00E+00	7.13E-01	2.11E-03	1.27E+00	0.00E+00	1.03E-08	5.21E-09	3.91E-04	6.38E-08	1.27E-01	0.00E+00	1.27E+00	2.19E-07	1.27E+00	1.40E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+01
	MJN504	9.71E-04	1.72E-01	5.34E-03	1.67E-01	0.00E+00	0.00E+00	8.47E-01	1.61E-06	5.00E-04	1.49E-03	0.00E+00	-2.14E-04	1.62E-10	5.73E-09	5.44E-03	2.56E-01	0.00E+00	0.00E+00	6.81E-01	2.78E-03	1.20E+00	0.00E+00	9.77E-09	5.08E-09	3.88E-04	7.83E-08	1.22E-01	0.00E+00	1.20E+00	2.05E-07	1.20E+00	1.32E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E+01
	MJN504A	9.74E-04	1.74E-01	5.23E-03	1.69E-01	0.00E+00	0.00E+00	9.25E-01	1.71E-06	5.02E-04	1.51E-03	0.00E+00	-1.53E-04	1.68E-10	5.78E-09	5.93E-03	2.61E-01	0.00E+00	0.00E+00	7.17E-01	2.01E-03	1.27E+00	0.00E+00	1.03E-08	5.18E-09	3.96E-04	6.06E-08	1.27E-01	0.00E+00	1.27E+00	2.14E-07	1.27E+00	1.39E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E+01
	MJN506	8.84E-04	1.68E-01	5.28E-03	1.63E-01	0.00E+00	0.00E+00	8.18E-01	1.51E-06	4.12E-04	1.45E-03	0.00E+00	-2.03E-04	1.56E-10	4.75E-09	5.38E-03	2.34E-01	0.00E+00	0.00E+00	6.60E-01	2.70E-03	1.17E+00	0.00E+00	9.57E-09	4.77E-09	3.79E-04	7.58E-08	1.17E-01	0.00E+00	1.17E+00	1.97E-07	1.17E+00	1.29E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+01
	MJN506A	9.87E-04	1.72E-01	5.01E-03	1.67E-01	0.00E+00	0.00E+00	8.72E-01	1.58E-06	5.17E-04	1.50E-03	0.00E+00	-1.21E-04	1.53E-10	5.81E-09	5.63E-03	2.55E-01	0.00E+00	0.00E+00	6.81E-01	1.61E-03	1.21E+00	0.00E+00	9.92E-09	5.05E-09	3.97E-04	5.14E-08	1.22E-01	0.00E+00	1.21E+00	1.98E-07	1.21E+00	1.33E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E+01
	MJN510	8.80E-04	1.68E-01	5.34E-03	1.63E-01	0.00E+00	0.00E+00	8.00E-01	1.47E-06	4.41E-04	1.45E-03	0.00E+00	-2.00E-04	1.54E-10	4.96E-09	5.32E-03	2.35E-01	0.00E+00	0.00E+00	6.44E-01	2.66E-03	1.15E+00	0.00E+00	9.44E-09	4.81E-09	3.80E-04	7.63E-08	1.14E-01	0.00E+00	1.15E+00	1.98E-07	1.15E+00	1.27E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+01
	MJN510A	8.90E-04	1.70E-01	4.81E-03	1.66E-01	0.00E+00	0.00E+00	8.43E-01	1.55E-06	4.43E-04	1.48E-03	0.00E+00	-1.18E-04	1.58E-10	5.05E-09	5.50E-03	2.41E-01	0.00E+00	0.00E+00	6.70E-01	1.57E-03	1.18E+00	0.00E+00	9.67E-09	4.90E-09	3.86E-04	5.03E-08	1.19E-01	0.00E+00	1.18E+00	2.08E-07	1.18E+00	1.30E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E+01
	MJN513A	9.62E-04	1.76E-01	5.12E-03	1.68E-01	0.00E+00	0.00E+00	9.07E-01	1.64E-06	5.10E-04	1.55E-03	0.00E+00	-1.28E-04	1.67E-10	5.55E-09	5.82E-03	2.51E-01	0.00E+00	0.00E+00	6.98E-01	1.68E-03	1.22E+00	0.00E+00	1.00E-08	5.08E-09	3.95E-04	5.45E-08	1.24E-01	0.00E+00	1.22E+00	2.19E-07	1.22E+00	1.36E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E+01
	MJN516	9.11E-04	1.69E-01	5.41E-03	1.63E-01	0.00E+00	0.00E+00	8.12E-01	1.49E-06	4.63E-04	1.46E-03	0.00E+00	-2.00E-04	1.56E-10	5.19E-09	5.37E-03	2.40E-01	0.00E+00	0.00E+00	6.55E-01	2.66E-03	1.16E+00	0.00E+00	9.53E-09	4.87E-09	3.84E-04	7.63E-08	1.16E-01	0.00E+00	1.16E+00	1.98E-07	1.16E+00	1.28E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E+01
	MJN516A	9.20E-04	1.71E-01	4.88E-03	1.66E-01	0.00E+00	0.00E+00	8.54E-01	1.57E-06	4.65E-04	1.48E-03	0.00E+00	-1.18E-04	1.60E-10	5.28E-09	5.55E-03	2.46E-01	0.00E+00	0.00E+00	6.81E-01	1.57E-03	1.20E+00	0.00E+00	9.77E-09	4.97E-09	3.90E-04	5.03E-08	1.21E-01	0.00E+00	1.20E+00	2.08E-07	1.20E+00	1.32E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E+01
	MJN520	1.45E-03	1.81E-01	6.72E-03	1.74E-01	0.00E+00	0.00E+00	9.67E-01	1.76E-06	8.53E-04	1.59E-03	0.00E+00	-2.28E-04	1.90E-10	9.30E-09	6.03E-03	3.20E-01	0.00E+00	0.00E+00	8.24E-01	3.03E-03	1.34E+00	0.00E+00	1.09E-08	5.90E-09	4.47E-04	8.61E-08	1.46E-01	0.00E+00	1.34E+00	1.92E-07	1.34E+00	1.48E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E+01
	MJN520A	1.46E-03	1.83E-01	6.19E-03	1.77E-01	0.00E+00	0.00E+00	1.01E+00	1.83E-06	8.56E-04	1.62E-03	0.00E+00	-1.46E-04	1.94E-10	9.39E-09	6.21E-03	3.26E-01	0.00E+00	0.00E+00	8.50E-01	1.94E-03	1.37E+00	0.00E+00	1.11E-08	6.00E-09	4.53E-04	6.01E-08	1.50E-01	0.00E+00	1.37E+00	2.02E-07	1.37E+00	1.52E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E+01
	MJN525	1.63E-03	1.84E-01	7.06E-03	1.77E-01	0.00E+00	0.00E+00	1.01E+00	1.82E-06	9.90E-04	1.63E-03	0.00E+00	-2.28E-04	2.02E-10	1.07E-08	6.18E-03	3.46E-01	0.00E+00	0.00E+00	8.78E-01	3.03E-03	1.38E+00	0.00E+00	1.12E-08	6.22E-09	4.67E-04	8.63E-08	1.55E-01	0.00E+00	1.38E+00	1.89E-07	1.38E+00	1.54E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E+01
	MJN525A	1.64E-03	1.87E-01	6.53E-03	1.80E-01	0.00E+00	0.00E+00	1.05E+00	1.90E-06	9.93E-04	1.66E-03	0.00E+00	-1.46E-04	2.06E-10	1.08E-08	6.37E-03	3.52E-01	0.00E+00	0.00E+00	9.04E-01	1.94E-03	1.41E+00	0.00E+00	1.15E-08	6.32E-09	4.73E-04	6.03E-08	1.59E-01	0.00E+00	1.41E+00	1.99E-07	1.41E+00	1.57E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E+01
	MJN532	1.73E-03	1.86E-01	7.26E-03	1.79E-01	0.00E+00	0.00E+00	1.04E+00	1.87E-06	1.06E-03	1.66E-03	0.00E+00	-2.28E-04	2.05E-10	1.14E-08	6.32E-03	3.61E-01	0.00E+00	0.00E+00	9.04E-01	3.03E-03	1.41E+00	0.00E+00	1.15E-08	6.40E-09	4.78E-04	8.65E-08	1.60E-01	0.00E+00	1.41E+00	1.86E-07	1.41E+00	1.57E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E+01
	MJN532A	1.73E-03	1.89E-01	6.73E-03	1.82E-01	0.00E+00	0.00E+00	1.08E+00	1.95E-06	1.06E-03	1.68E-03	0.00E+00	-1.46E-04	2.09E-10	1.15E-08	6.50E-03	3.67E-01	0.00E+00	0.00E+00	9.29E-01	1.94E-03	1.45E+00	0.00E+00	1.17E-08	6.50E-09	4.84E-04	6.05E-08	1.64E-01	0.00E+00	1.45E+00	1.96E-07	1.45E+00	1.61E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E+01
	MJN540A	1.74E-03	1.89E-01	6.75E-03	1.82E-01	0.00E+00	0.00E+00	1.12E+00	2.01E-06	1.06E-03	1.71E-03	0.00E+00	-1.54E-04	2.12E-10	1.16E-08	6.77E-03	3.69E-01	0.00E+00	0.00E+00	9.36E-01	2.06E-03	1.45E+00	0.00E+00	1.19E-08	6.56E-09	4.82E-04	6.07E-08	1.67E-01	0.00E+00	1.45E+00	6.87E-07	1.45E+00	1.62E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E+01
	MJN702	1.03E-03	1.89E-01	5.64E-03	1.83E-01	0.00E+00	0.00E+00	9.77E-01	1.74E-06	4.62E-04	1.68E-03	0.00E+00	-1.76E-04	1.77E-10	5.58E-09	6.34E-03	2.75E-01	0.00E+00	0.00E+00	7.36E-01	2.46E-03	1.32E+00	0.00E+00	1.11E-08	5.74E-09	4.39E-04	6.78E-08	1.33E-01	0.00E+00	1.32E+00	7.00E-07	1.32E+00	1.47E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E+01
	MJN706	1.07E-03	1.83E-01	5.81E-03	1.76E-01	0.00E+00	0.00E+00	9.63E-01	1.72E-06	5.02E-04	1.61E-03	0.00E+00	-1.39E-04	1.68E-10	5.95E-09	6.18E-03	2.74E-01	0.00E+00	0.00E+00	7.34E-01	2.00E-03	1.28E+00	0.00E+00	1.08E-08	5.63E-09	4.29E-04	5.67E-08	1.33E-01	0.00E+00	1.28E+00	6.99E-07	1.28E+00	1.42E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E+01
	MJN710	9.29E-04	1.77E-01	5.15E-03	1.71E-01	0.00E+00	0.00E+00	9.47E-01	1.73E-06	4.59E-04	1.57E-03	0.00E+00	-1.32E-04	1.68E-10	5.35E-09	6.13E-03	2.52E-01	0.00E+00	0.00E+00	7.20E-01	1.94E-03	1.27E+00	0.00E+00	1.04E-08	5.27E-09	4.05E-04	5.81E-08	1.30E-01	0.00E+00	1.27E+00	6.96E-07	1.27E+00	1.40E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E+01
	MJN716	1.46E-03	1.81E-01	5.74E-03	1.73E-01	0.00E+00	0.00E+00	9.81E-01	1.72E-06	6.79E-04	1.60E-03	0.00E+00	-1.25E-04	1.78E-10	8.42E-09	6.04E-03	2.89E-01	0.00E+00	0.00E+00	7.90E-01	1.80E-03	1.29E+00	0.00E+00	1.07E-08	5.51E-09	4.45E-04	5.62E-08	1.42E-01	0.00E+00	1.29E+00	2.22E-07	1.29E+00	1.43E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+01
	MJN720	1.55E-03	1.83E-01	6.13E-03	1.76E-01	0.00E+00	0.00E+00	9.83E-01	1.77E-06	8.40E-04	1.60E-03	0.00E+00	-1.23E-04	1.89E-10	9.54E-09	5.95E-03	3.35E-01	0.00E+00	0.00E+00	8.41E-01	1.78E-03	1.34E+00	0.00E+00	1.10E-08	6.10E-09	4.61E-04	5.41E-08	1.50E-01	0.00E+00	1.34E+00	2.03E-07	1.34E+00	1.49E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+01
	MJN725	1.70E-03	1.83E-01	6.27E-03	1.76E-01	0.00E+00	0.00E+00	1.11E+00	1.93E-06	9.22E-04	1.66E-03	0.00E+00	-1.21E-04	2.05E-10	1.07E-08	6.49E-03	3.53E-01	0.00E+00	0.00E+00	9.07E-01	1.75E-03	1.40E+00	0.00E+00	1.15E-08	6.45E-09	4.80E-04	5.26E-08	1.62E-01	0.00E+00	1.40E+00	6.97E-07	1.40E+00	1.56E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E+01
	MJN732	1.72E-03	1.84E-01	6.29E-03	1.77E-01	0.00E+00	0.00E+00	1.12E+00	1.95E-06	9.39E-04	1.67E-03	0.00E+00	-1.21E-04	2.06E-10	1.08E-08	6.53E-03	3.57E-01	0.00E+00	0.00E+00	9.10E-01	1.75E-03	1.41E+00	0.00E+00	1.16E-08	6.55E-09	4.84E-04	5.17E-08	1.63E-01	0.00E+00	1.41E+00	6.88E-07	1.41E+00	1.57E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E+01
	MJN740	1.72E-03	1.84E-01	6.32E-03	1.77E-01	0.00E+00	0.00E+00	1.12E+00	1.96E-06	9.40E-04	1.68E-03	0.00E+00	-1.23E-04	2.06E-10	1.09E-08	6.53E-03	3.56E-01	0.00E+00	0.00E+00	9.12E-01	1.77E-03	1.41E+00	0.00E+00	1.16E-08	6.56E-09	4.84E-04	5.18E-08	1.63E-01	0.00E+00	1.41E+00	6.91E-07	1.41E+00	1.57E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E+01
	MJS502	8.25E-04	1.68E-01	6.02E-03	1.63E-01	0.00E+00	0.00E+00	8.22E-01	1.55E-06	4.07E-04	1.45E-03	0.00E+00	-2.95E-04	1.56E-10	4.53E-09	5.34E-03	2.30E-01	0.00E+00	0.00E+00	6.66E-01	3.96E-03	1.18E+00	0.00E+00	9.64E-09	4.74E-09	3.72E-04	9.98E-08	1.18E-01	0.00E+00	1.18E+00	1.79E-07	1.18E+00	1.30E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E+01
	MJS504	8.51E-04	1.68E-01	5.89E-03	1.62E-01	0.00E+00	0.00E+00	8.04E-01	1.52E-06	3.95E-04	1.44E-03	0.00E+00	-2.92E-04	1.56E-10	4.67E-09	5.26E-03	2.29E-01	0.00E+00	0.00E+00	6.52E-01	3.91E-03	1.16E+00	0.00E+00	9.50E-09	4.75E-09	3.75E-04	1.02E-07	1.15E-01	0.00E+00	1.16E+00	1.73E-07	1.16E+00	1.28E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E+01
	MJS506	8.52E-04	1.68E-01	5.99E-03	1.62E-01	0.00E+00	0.00E+00	7.76E-01	1.40E-06	3.97E-04	1.43E-03	0.00E+00	-3.00E-04	1.54E-10	4.67E-09	5.13E-03	2.29E-01	0.00E+00	0.00E+00	6.43E-01	3.96E-03	1.13E+00	0.00E+00	9.32E-09	4.75E-09	3.75E-04	1.03E-07	1.14E-01	0.00E+00	1.13E+00	1.66E-07	1.13E+00	1.25E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E+01
	MJS510	8.48E-04	1.67E-01	5.76E-03	1.62E-01	0.00E+00	0.00E+00	7.68E-01	1.39E-06	3.98E-04	1.37E-03	0.00E+00	-3.00E-04	1.48E-10	4.67E-09	5.11E-03	2.27E-01	0.00E+00	0.00E+00	6.31E-01	3.97E-03	1.12E+00	0.00E+00	9.25E-09	4.65E-09	3.55E-04	1.03E-07	1.12E-01	0.00E+00	1.12E+00	1.67E-07	1.12E+00	1.24E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E+01

MJS516	1.01E-03	1.69E-01	6.29E-03	1.62E-01	0.00E+00	0.00E+00	7.60E-01	1.37E-06	5.52E-04	1.45E-03	0.00E+00	-3.14E-04	1.53E-10	5.99E-09	5.07E-03	2.44E-01	0.00E+00	0.00E+00	6.34E-01	4.16E-03	1.11E+00	0.00E+00	9.20E-09	4.82E-09	3.86E-04	1.12E-07	1.13E-01	0.00E+00	1.11E+00	1.62E-07	1.11E+00	1.22E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MJT702	8.98E-04	1.96E-01	6.15E-03	1.89E-01	0.00E+00	0.00E+00	9.20E-01	1.77E-06	3.99E-04	1.69E-03	0.00E+00	-2.41E-04	1.89E-10	4.60E-09	6.28E-03	2.63E-01	0.00E+00	0.00E+00	7.64E-01	3.20E-03	1.41E+00	0.00E+00	1.14E-08	5.73E-09	4.40E-04	9.16E-08	1.34E-01	0.00E+00	1.41E+00	2.97E-07	1.41E+00	1.54E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
MJT706	7.93E-04	1.83E-01	4.48E-03	1.79E-01	0.00E+00	0.00E+00	8.57E-01	1.60E-06	3.45E-04	1.58E-03	0.00E+00	-8.01E-05	1.58E-10	3.99E-09	5.84E-03	2.38E-01	0.00E+00	0.00E+00	6.68E-01	1.08E-03	1.28E+00	0.00E+00	1.05E-08	5.18E-09	4.08E-04	3.93E-08	1.20E-01	0.00E+00	1.28E+00	2.64E-07	1.28E+00	1.40E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
MJT710	8.50E-04	1.85E-01	4.63E-03	1.81E-01	0.00E+00	0.00E+00	8.82E-01	1.65E-06	3.84E-04	1.60E-03	0.00E+00	-8.01E-05	1.67E-10	4.42E-09	5.96E-03	2.48E-01	0.00E+00	0.00E+00	6.99E-01	1.08E-03	1.31E+00	0.00E+00	1.07E-08	5.33E-09	4.16E-04	3.95E-08	1.25E-01	0.00E+00	1.31E+00	2.70E-07	1.31E+00	1.44E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
MJT716	9.33E-04	1.88E-01	4.82E-03	1.83E-01	0.00E+00	0.00E+00	9.13E-01	1.71E-06	4.43E-04	1.63E-03	0.00E+00	-8.01E-05	1.73E-10	5.05E-09	6.10E-03	2.61E-01	0.00E+00	0.00E+00	7.28E-01	1.08E-03	1.35E+00	0.00E+00	1.10E-08	5.51E-09	4.27E-04	3.97E-08	1.30E-01	0.00E+00	1.35E+00	2.71E-07	1.35E+00	1.48E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
MJT720	1.48E-03	2.00E-01	6.28E-03	1.93E-01	0.00E+00	0.00E+00	1.03E+00	1.88E-06	8.54E-04	1.76E-03	0.00E+00	-1.38E-04	1.96E-10	9.29E-09	6.54E-03	3.37E-01	0.00E+00	0.00E+00	8.64E-01	1.84E-03	1.47E+00	0.00E+00	1.20E-08	6.39E-09	4.86E-04	5.89E-08	1.54E-01	0.00E+00	1.47E+00	2.35E-07	1.47E+00	1.62E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.14E+01
MJT725	1.49E-03	2.00E-01	6.30E-03	1.94E-01	0.00E+00	0.00E+00	1.04E+00	1.89E-06	8.55E-04	1.76E-03	0.00E+00	-1.38E-04	2.00E-10	9.31E-09	6.56E-03	3.38E-01	0.00E+00	0.00E+00	8.73E-01	1.84E-03	1.47E+00	0.00E+00	1.20E-08	6.42E-09	4.88E-04	5.89E-08	1.55E-01	0.00E+00	1.47E+00	2.39E-07	1.47E+00	1.63E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
MJT732	1.57E-03	2.02E-01	6.48E-03	1.96E-01	0.00E+00	0.00E+00	1.07E+00	1.94E-06	9.17E-04	1.78E-03	0.00E+00	-1.38E-04	2.03E-10	9.97E-09	6.69E-03	3.51E-01	0.00E+00	0.00E+00	8.96E-01	1.84E-03	1.50E+00	0.00E+00	1.23E-08	6.58E-09	4.98E-04	5.91E-08	1.60E-01	0.00E+00	1.50E+00	2.36E-07	1.50E+00	1.66E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
MJT740	1.57E-03	2.03E-01	6.50E-03	1.96E-01	0.00E+00	0.00E+00	1.07E+00	1.95E-06	9.18E-04	1.79E-03	0.00E+00	-1.38E-04	2.06E-10	9.98E-09	6.71E-03	3.52E-01	0.00E+00	0.00E+00	9.05E-01	1.84E-03	1.51E+00	0.00E+00	1.23E-08	6.61E-09	4.99E-04	5.92E-08	1.61E-01	0.00E+00	1.51E+00	2.40E-07	1.51E+00	1.67E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
MKN506	9.89E-04	1.73E-01	5.55E-03	1.67E-01	0.00E+00	0.00E+00	9.20E-01	1.67E-06	5.05E-04	1.51E-03	0.00E+00	-2.11E-04	1.65E-10	5.83E-09	5.91E-03	2.61E-01	0.00E+00	0.00E+00	7.13E-01	2.80E-03	1.26E+00	0.00E+00	1.02E-08	5.19E-09	3.97E-04	7.72E-08	1.26E-01	0.00E+00	1.26E+00	2.06E-07	1.26E+00	1.38E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.55E+01
MKN506A	1.01E-03	1.77E-01	5.44E-03	1.71E-01	0.00E+00	0.00E+00	9.35E-01	1.70E-06	5.21E-04	1.54E-03	0.00E+00	-1.47E-04	1.64E-10	5.95E-09	5.97E-03	2.66E-01	0.00E+00	0.00E+00	7.23E-01	1.96E-03	1.28E+00	0.00E+00	1.04E-08	5.27E-09	4.09E-04	6.05E-08	1.30E-01	0.00E+00	1.28E+00	2.11E-07	1.28E+00	1.41E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
MKN510	9.14E-04	1.71E-01	5.53E-03	1.66E-01	0.00E+00	0.00E+00	8.92E-01	1.62E-06	4.55E-04	1.49E-03	0.00E+00	-2.19E-04	1.66E-10	5.20E-09	5.76E-03	2.51E-01	0.00E+00	0.00E+00	7.00E-01	2.93E-03	1.22E+00	0.00E+00	1.00E-08	5.07E-09	3.90E-04	8.03E-08	1.24E-01	0.00E+00	1.22E+00	2.06E-07	1.22E+00	1.35E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
MKN510A	9.24E-04	1.74E-01	5.24E-03	1.69E-01	0.00E+00	0.00E+00	9.11E-01	1.68E-06	4.60E-04	1.52E-03	0.00E+00	-1.47E-04	1.67E-10	5.31E-09	5.85E-03	2.55E-01	0.00E+00	0.00E+00	7.11E-01	1.95E-03	1.26E+00	0.00E+00	1.02E-08	5.19E-09	4.01E-04	6.06E-08	1.26E-01	0.00E+00	1.26E+00	2.21E-07	1.26E+00	1.38E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
MKN513	9.69E-04	1.73E-01	5.67E-03	1.67E-01	0.00E+00	0.00E+00	9.02E-01	1.67E-06	5.26E-04	1.49E-03	0.00E+00	-2.12E-04	1.69E-10	5.70E-09	5.77E-03	2.51E-01	0.00E+00	0.00E+00	6.99E-01	2.87E-03	1.23E+00	0.00E+00	1.00E-08	5.08E-09	3.92E-04	7.72E-08	1.24E-01	0.00E+00	1.23E+00	2.09E-07	1.23E+00	1.35E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
MKN513A	1.19E-03	1.79E-01	5.46E-03	1.72E-01	0.00E+00	0.00E+00	9.45E-01	1.70E-06	6.04E-04	1.57E-03	0.00E+00	-1.46E-04	1.71E-10	7.56E-09	6.04E-03	2.58E-01	0.00E+00	0.00E+00	7.20E-01	1.95E-03	1.27E+00	0.00E+00	1.03E-08	5.24E-09	4.04E-04	5.99E-08	1.27E-01	0.00E+00	1.27E+00	2.24E-07	1.27E+00	1.40E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
MKN516	9.30E-04	1.73E-01	5.83E-03	1.68E-01	0.00E+00	0.00E+00	8.75E-01	1.62E-06	4.67E-04	1.50E-03	0.00E+00	-2.27E-04	1.67E-10	5.33E-09	5.70E-03	2.51E-01	0.00E+00	0.00E+00	6.98E-01	3.01E-03	1.23E+00	0.00E+00	1.00E-08	5.09E-09	3.96E-04	8.54E-08	1.23E-01	0.00E+00	1.23E+00	2.11E-07	1.23E+00	1.36E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
MKN516A	1.26E-03	1.76E-01	5.73E-03	1.70E-01	0.00E+00	0.00E+00	9.21E-01	1.69E-06	6.18E-04	1.52E-03	0.00E+00	-1.45E-04	1.71E-10	7.91E-09	5.87E-03	2.64E-01	0.00E+00	0.00E+00	7.33E-01	1.94E-03	1.27E+00	0.00E+00	1.03E-08	5.28E-09	4.08E-04	5.93E-08	1.30E-01	0.00E+00	1.27E+00	2.18E-07	1.27E+00	1.40E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MKN520	1.44E-03	1.80E-01	6.72E-03	1.73E-01	0.00E+00	0.00E+00	9.64E-01	1.74E-06	8.52E-04	1.58E-03	0.00E+00	-2.31E-04	1.84E-10	9.29E-09	6.01E-03	3.19E-01	0.00E+00	0.00E+00	8.12E-01	3.06E-03	1.33E+00	0.00E+00	1.09E-08	5.87E-09	4.44E-04	8.70E-08	1.44E-01	0.00E+00	1.33E+00	1.88E-07	1.33E+00	1.48E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
MKN520A	1.48E-03	1.86E-01	6.36E-03	1.78E-01	0.00E+00	0.00E+00	1.04E+00	1.86E-06	8.88E-04	1.66E-03	0.00E+00	-1.65E-04	1.92E-10	9.74E-09	6.40E-03	3.27E-01	0.00E+00	0.00E+00	8.44E-01	2.19E-03	1.37E+00	0.00E+00	1.12E-08	6.05E-09	4.51E-04	6.25E-08	1.50E-01	0.00E+00	1.37E+00	2.01E-07	1.37E+00	1.52E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.08E+01
MKN525	1.63E-03	1.83E-01	7.06E-03	1.76E-01	0.00E+00	0.00E+00	1.00E+00	1.81E-06	9.89E-04	1.62E-03	0.00E+00	-2.31E-04	1.96E-10	1.07E-08	6.17E-03	3.45E-01	0.00E+00	0.00E+00	8.67E-01	3.06E-03	1.38E+00	0.00E+00	1.12E-08	6.19E-09	4.64E-04	8.72E-08	1.53E-01	0.00E+00	1.38E+00	1.85E-07	1.38E+00	1.53E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
MKN525A	1.62E-03	1.87E-01	6.51E-03	1.80E-01	0.00E+00	0.00E+00	1.05E+00	1.91E-06	9.81E-04	1.66E-03	0.00E+00	-1.66E-04	2.05E-10	1.06E-08	6.37E-03	3.49E-01	0.00E+00	0.00E+00	9.00E-01	2.19E-03	1.43E+00	0.00E+00	1.16E-08	6.40E-09	4.70E-04	6.24E-08	1.59E-01	0.00E+00	1.43E+00	2.00E-07	1.43E+00	1.59E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MKN532	1.74E-03	1.85E-01	7.13E-03	1.78E-01	0.00E+00	0.00E+00	1.04E+00	1.87E-06	1.05E-03	1.64E-03	0.00E+00	-2.30E-04	2.00E-10	1.14E-08	6.26E-03	3.55E-01	0.00E+00	0.00E+00	8.96E-01	3.05E-03	1.41E+00	0.00E+00	1.14E-08	6.34E-09	4.73E-04	8.66E-08	1.59E-01	0.00E+00	1.41E+00	1.86E-07	1.41E+00	1.56E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.27E+01
MKN532A	1.77E-03	1.90E-01	6.69E-03	1.82E-01	0.00E+00	0.00E+00	1.10E+00	1.96E-06	1.05E-03	1.72E-03	0.00E+00	-1.48E-04	2.07E-10	1.15E-08	6.68E-03	3.58E-01	0.00E+00	0.00E+00	9.15E-01	1.96E-03	1.44E+00	0.00E+00	1.18E-08	6.53E-09	4.81E-04	6.16E-08	1.64E-01	0.00E+00	1.44E+00	1.98E-07	1.44E+00	1.61E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
MKN540	1.75E-03	1.86E-01	7.08E-03	1.78E-01	0.00E+00	0.00E+00	1.05E+00	1.89E-06	1.06E-03	1.65E-03	0.00E+00	-2.22E-04	2.06E-10	1.15E-08	6.32E-03	3.62E-01	0.00E+00	0.00E+00	9.26E-01	2.97E-03	1.42E+00	0.00E+00	1.16E-08	6.38E-09	4.75E-04	8.32E-08	1.63E-01	0.00E+00	1.42E+00	1.87E-07	1.42E+00	1.58E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MKN598	2.89E-03	3.60E-01	1.34E-02	3.46E-01	0.00E+00	0.00E+00	1.93E+00	3.49E-06	1.71E-03	3.17E-03	0.00E+00	-4.62E-04	3.69E-10	1.86E-08	1.21E-02	6.39E-01	0.00E+00	0.00E+00	1.62E+00	6.13E-03	2.67E+00	0.00E+00	2.18E-08	1.17E-08	8.90E-04	1.74E-07	2.89E-01	0.00E+00	2.67E+00	3.77E-07	2.67E+00	2.96E+00	2.89E-01	0.00E+00	0.00E+00	0.00E+00	5.93E+01
MKN599	1.86E-03	3.46E-01	1.17E-02	3.35E-01	0.00E+00	0.00E+00	1.75E+00	3.23E-06	9.33E-04	3.00E-03	0.00E+00	-4.54E-04	3.34E-10	1.07E-08	1.14E-02	5.03E-01	0.00E+00	0.00E+00	1.40E+00	6.02E-03	2.47E+00	0.00E+00	2.01E-08	1.02E-08	7.91E-04	1.71E-07	2.47E-01	0.00E+00	2.47E+00	4.22E-07	2.47E+00	2.71E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	5.03E+01
MKS506	8.95E-04	1.69E-01	6.22E-03	1.63E-01	0.00E+00	0.00E+00	8.18E-01	1.50E-06	4.37E-04	1.46E-03	0.00E+00	-2.96E-04	1.59E-10	4.86E-09	5.37E-03	2.37E-01	0.00E+00	0.00E+00	6.71E-01	3.95E-03	1.18E+00	0.00E+00	9.67E-09	4.81E-09	3.82E-04	1.02E-07	1.19E-01	0.00E+00	1.18E+00	1.72E-07	1.18E+00	1.30E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
MKS510	8.90E-04	1.68E-01	5.97E-03	1.63E-01	0.00E+00	0.00E+00	8.02E-01	1.47E-06	4.34E-04	1.45E-03	0.00E+00	-2.86E-04	1.58E-10	4.84E-09	5.29E-03	2.40E-01	0.00E+00	0.00E+00	6.62E-01	3.86E-03	1.17E+00	0.00E+00	9.63E-09	4.88E-09	3.82E-04	9.89E-08	1.17E-01	0.00E+00	1.17E+00	1.69E-07	1.17E+00	1.29E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
MKS513	1.05E-03	1.69E-01	6.15E-03	1.63E-01	0.00E+00	0.00E+00	8.11E-01	1.53E-06	5.92E-04	1.46E-03	0.00E+00	-2.93E-04	1.60E-10	6.25E-09	5.30E-03	2.46E-01	0.00E+00	0.00E+00	6.65E-01	3.89E-03	1.18E+00	0.00E+00	9.64E-09	4.88E-09	3.87E-04	1.02E-07	1.17E-01	0.00E+00	1.18E+00	1.72E-07	1.18E+00	1.30E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.38E+01
MKS516	1.03E-03	1.73E-01	6.72E-03	1.67E-01	0.00E+00	0.00E+00	8.23E-01	1.50E-06	5.56E-04	1.49E-03	0.00E+00	-3.41E-04	1.63E-10	6.13E-09	5.41E-03	2.55E-01	0.00E+00	0.00E+00	6.76E-01	4.51E-03	1.18E+00	0.00E+00	9.71E-09	5.04E-09	3.98E-04	1.21E-07	1.20E-01	0.00E+00	1.18E+00	1.74E-07	1.18E+00	1.30E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MKS599	2.07E-03	3.46E-01	1.34E-02	3.33E-01	0.00E+00	0.00E+00	1.65E+00	2.99E-06	1.11E-03	2.98E-03	0.00E+00	-6.81E-04	3.27E-10	1.23E-08	1.08E-02	5.10E-01	0.00E+00	0.00E+00	1.35E+00	9.02E-03	2.36E+00	0.00E+00	1.94E-08	1.01E-08	7.96E-04	2.43E-07	2.40E-01	0.00E+00	2.36E+00	3.49E-07	2.36E+00	2.60E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.90E+01
ML506J	1.04E-03	1.78E-01	5.46E-03	1.73E-01	0.00E+00	0.00E+00	9.32E-01	1.69E-06	5.15E-04	1.55E-03	0.00E+00	-1.45E-04	1.67E-10	5.95E-09	5.97E-03	2.71E-01	0.00E+00	0.00E+00	7.33E-01	1.91E-03	1.29E+00	0.00E+00	1.06E-08	5.43E-09	4.14E-04	5.91E-08	1.33E-01	0.00E+00	1.29E+00	2.10E-07	1.29E+00	1.42E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
ML510J	9.20E-04	1.74E-01	5.23E-03	1.69E-01	0.00E+00	0.00E+00	9.11E-01	1.68E-06	4.56E-04	1.52E-03	0.00E+00	-1.44E-04	1.68E-10	5.27E-09	5.86E-03	2.55E-01	0.00E+00	0.00E+00	7.14E-01	1.88E-03	1.25E+00	0.00E+00	1.02E-08	5.17E-09	4.02E-04	5.84E-08	1.27E-01	0.00E+00	1.25E+00	2.19E-07	1.25E+00	1.38E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
ML516J	1.21E-03	1.75E-01	5.47E-03	1.69E-01	0.00E+00	0.00E+00	9.19E-01	1.69E-06	5.90E-04	1.52E-03	0.00E+00	-1.43E-04	1.71E-10	7.69E-09	5.88E-03	2.63E-01	0.00E+00	0.00E+00	7.31E-01	1.86E-03	1.26E+00	0.00E+00	1.03E-08	5.25E-09	4.07E-04	5.86E-08	1.29E-01	0.00E+00	1.26E+00	2.17E-07	1.26E+00	1.39E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
ML520J	1.47E-03	1.82E-01	6.30E-03	1.76E-01	0.00E+00	0.00E+00	1.00E+00	1.81E-06	8.64E-04	1.61E-03	0.00E+00	-1.46E-04	1.92E-10	9.61E-09	6.17E-03	3.26E-01	0.00E+00	0.00E+00	8.43E-01	1.91E-03	1.36E+00	0.00E+00	1.11E-08	5.97E-09	4.46E-04	5.97E-08	1.49E-01	0.00E+00	1.36E+00	2.01E-07	1.36E+00	1.51E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	3.07E+01
ML525J	1.63E-03	1.86E-01	6.49E-03	1.79E-01	0.00E+00	0.00E+00	1.04E+00	1.88E-06	9.53E-04	1.65E-03	0.00E+00	-1.46E-04	2.02E-10	1.04E-08	6.33E-03	3.49E-01	0.00E+00	0.00E+00	9.00E-01	1.90E-03	1.41E+00	0.00E+00	1.15E-08	6.31E-09	4.69E-04	5.97E-08	1.58E-01	0.00E+00	1.41E+00	1.99E-07	1.41E+00	1.57E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
ML532J	1.74E-03	1.94E-01	6.69E-03	1.88E-01	0.00E+00	0.00E+00	1.08E+00	1.99E-06	1.02E-03	1.70E-03	0.00E+00	-1.46E-04	2.08E-10	1.14E-08	6.59E-03	3.65E-01	0.00E+00	0.00E+00	9.26E-01	1.90E-03	1.50E+00	0.00E+00	1.25E-08	6.59E-09	4.81E-04	6.02E-08	1.64E-01	0.00E+00	1.50E+00	1.97E-07	1.50E+00	1.69E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
ML540J	1.75E-03	1.87E-01	6.71E-03	1.81E-01	0.00E+00	0.00E+00	1.08E+00	1.96E-06	1.03E-03	1.67E-03	0.00E+00	-1.46E-04	2.12E-10	1.16E-08	6.51E-03	3.69E-01	0.00E+00	0.00E+00	9.37E-01	1.90E-03	1.45E+00	0.00E+00	1.18E-08	6.52E-09	4.80E-04	6.01E-08	1.65E-01	0.00E+00	1.45E+00	1.98E-07	1.45E+00	1.61E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
MLN502A	1.02E-03	1.78E-01	5.55E-03	1.73E-01	0.00E+00	0.00E+00	9.24E-01	1.70E-06	4.84E-04	1.59E-03	0.00E+00	-1.57E-04	1.79E-10	5.74E-09	6.04E-03	2.74E-01	0.00E+00	0.00E+00	7.51E-01	2.07E-03	1.33E+00	0.00E+00	1.09E-08	5.64E-09	4.28E-04	6.23E-08	1.33E-01	0.00E+00	1.33E+00	2.19E-07	1.33E+00	1.46E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
MLN504A	1.05E-03	1.85E-01	5.53E-03	1.78E-01	0.00E+00	0.00E+00	9.53E-01	1.72E-06	5.08E-04	1.61E-03	0.00E+00	-1.57E-04	1.70E-10	6.04E-09	6.10E-03	2.71E-01	0.00E+00	0.00E+00	7.31E-01	2.08E-03	1.30E+00	0.00E+00	1.07E-08	5.54E-09	4.19E-04	6.45E-08	1.31E-01	0.00E+00	1.30E+00	2.16E-07	1.30E+00	1.44E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MLN506	9.84E-04	1.72E-01	5.53E-03	1.67E-01	0.00E+00	0.00E+00	9.13E-01	1.66E-06	5.05E-04	1.49E-03	0.00E+00	-2.11E-04	1.65E-10	5.80E-09	5.86E-03	2.60E-01	0.00E+00	0.00E+00	7.07E-01	2.80E-03	1.25E+00	0.00E+00	1.02E-08	5.13E-09	3.91E-04	7.74E-08	1.25E-01	0.00E+00	1.25E+00	2.05E-07	1.25E+00	1.37E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MLN506A	1.01E-03	1.77E-01	5.44E-03	1.71E-01	0.00E+00	0.00E+00	9.36E-01	1.71E-06	5.21E-04	1.54E-03	0.00E+00	-1.47E-04	1.64E-10	5.95E-09	5.97E-03	2.66E-01	0.00E+00	0.00E+00	7.23E-01	1.96E-03	1.28E+00	0.00E+00	1.04E-08	5.28E-09	4.09E-04	6.05E-08	1.30E-01	0.00E+00	1.28E+00	2.11E-07	1.28E+00	1.41E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
MLN510	9.14E-04	1.71E-01	5.45E-03	1.65E-01	0.00E+00	0.00E+00	8.91E-01	1.62E-06	4.53E-04	1.49E-03	0.00E+00	-2.20E-04	1.66E-10	5.19E-09	5.74E-03	2.51E-01	0.00E+00	0.00E+00	6.99E-01	3.00E-03	1.23E+00	0.00E+00	1.01E-08	5.08E-09	3.90E-04	8.18E-08	1.24E-01	0.00E+00	1.23E+00	2.07E-07	1.23E+00	1.35E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
MLN510A	9.10E-04	1.75E-01	5.24E-03	1.70E-01	0.00E+00	0.00E+00	9.07E-01	1.67E-06	4.47E-04	1.52E-03	0.00E+00	-1.45E-04	1.69E-10	5.18E-09	5.85E-03	2.53E-01	0.00E+00	0.00E+00	7.13E-01	1.92E-03	1.25E+00	0.00E+00	1.02E-08	5.13E-09	3.98E-04	5.94E-08	1.26E-01	0.00E+00	1.25E+00	2.21E-07	1.25E+00	1.38E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
MLN513	9.71E-04	1.73E-01	5.69E-03	1.67E-01	0.00E+00	0.00E+00	9.01E-01	1.67E-06	5.18E-04	1.50E-03	0.00E+00	-2.19E-04	1.70E-10	5.75E-09	5.77E-03	2.52E-01	0.00E+00	0.00E+00	7.05E-01	2.89E-03	1.23E+00	0.00E+00	1.01E-08	5.09E-09	3.93E-04	7.99E-08	1.25E-01	0.00E+00	1.23E+00	2.10E-07	1.23E+00	1.36E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.54E+01
MLN513A	9.12E-04	1.75E-01	5.26E-03	1.70E-01	0.00E+00	0.00E+00	9.11E-01	1.69E-06	4.47E-04	1.52E-03	0.00E+00	-1.45E-04	1.73E-10	5.20E-09	5.87E-03	2.54E-01	0.00E+00	0.00E+00	7.22E-01	1.92E-03	1.26E+00	0.00E+00	1.02E-08	5.16E-09	3.99E-04	5.94E-08	1.27E-01	0.00E+00	1.26E+00	2.25E-07	1.26E+00	1.39E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MLN516	9.31E-04	1.73E-01	5.84E-03	1.68E-01	0.00E+00	0.00E+00	8.76E-01	1.62E-06	4.67E-04	1.50E-03	0.00E+00	-2.27E-04	1.67E-10	5.33E-09	5.71E-03	2.51E-01	0.00E+00	0.00E+00	6.98E-01	3.01E-03	1.23E+00	0.00E+00	1.00E-08	5.10E-09	3.96E-04	8.55E-08	1.24E-01	0.00E+00	1.23E+00	2.11E-07	1.23E+00	1.36E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
MLN516A	9.40E-04	1.76E-01	5.31E-03	1.70E-01	0.00E+00	0.00E+00	9.19E-01	1.69E-06	4.69E-04	1.53E-03	0.00E+00	-1.45E-04	1.71E-10	5.42E-09	5.90E-03	2.57E-01	0.00E+00	0.00E+00	7.24E-01	1.92E-03	1.27E+00	0.00E+00	1.03E-08	5.20E-09	4.02E-04	5.95E-08	1.28E-01	0.00E+00	1.27E+00	2.21E-07	1.27E+00	1.39E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MLN520	1.44E-03	1.83E-01	6.69E-03	1.74E-01	0.00E+00	0.00E+00	9.87E-01	1.76E-06	8.58E-04	1.63E-03	0.00E+00	-2.27E-04	1.87E-10	9.34E-09	6.16E-03	3.15E-01	0.00E+00	0.00E+00	8.16E-01	2.99E-03	1.33E+00	0.00E+00	1.09E-08	5.82E-09	4.44E-04	8.55E-08	1.44E-01	0.00E+00	1.33E+00	1.91E-07	1.33E+00	1.49E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.97E+01
MLN520A	1.46E-03	1.83E-01	6.19E-03	1.77E-01	0.00E+00	0.00E+00	1.01E+00	1.83E-06	8.56E-04	1.62E-03	0.00E+00	-1.46E-04	1.94E-10	9.39E-09	6.21E-03	3.26E-01	0.00E+00	0.00E+00	8.50E-01	1.94E-03	1.37E+00	0.00E+00	1.11E-08	6.00E-09	4.53E-04	6.01E-08	1.50E-01	0.00E+00	1.37E+00	2.02E-07	1.37E+00	1.52E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
MLN525	1.62E-03	1.83E-01	6.95E-03	1.76E-01	0.00E+00	0.00E+00	1.01E+00	1.82E-06	9.78E-04	1.62E-03	0.00E+00	-2.28E-04	1.95E-10	1.05E-08	6.20E-03	3.42E-01	0.00E+00	0.00E+00	8.65E-01	3.02E-03	1.38E+00	0.00E+00	1.12E-08	6.18E-09	4.64E-04	8.33E-08	1.53E-01	0.00E+00	1.38E+00	1.86E-07	1.38E+00	1.53E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
MLN525A	1.64E-03	1.87E-01	6.53E-03	1.80E-01	0.00E+00	0.00E+00	1.05E+00	1.90E-06	9.93E-04	1.66E-03	0.00E+00	-1.46E-04	2.06E-10	1.08E-08	6.37E-03	3.52E-01	0.00E+00	0.00E+00	9.04E-01	1.94E-03	1.41E+00	0.00E+00	1.15E-08	6.32E-09	4.73E-04	6.03E-08	1.59E-01	0.00E+00	1.41E+00	1.99E-07	1.41E+00	1.57E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MLN532	1.74E-03	1.88E-01	7.07E-03	1.79E-01	0.00E+00	0.00E+00	1.06E+00	1.88E-06	1.05E-03	1.68E-03	0.00E+00	-2.26E-04	2.02E-10	1.14E-08	6.40E-03	3.55E-01	0.00E+00	0.00E+00	8.95E-01	2.99E-03	1.41E+00	0.00E+00	1.15E-08	6.34E-09	4.73E-04	8.50E-08	1.58E-01	0.00E+00	1.41E+00	1.88E-07	1.41E+00	1.57E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.28E+01
MLN532A	1.73E-03	1.90E-01	6.71E-03	1.81E-01	0.00E+00	0.00E+00	1.10E+00	1.94E-06	1.05E-03	1.70E-03	0.00E+00	-1.45E-04	2.08E-10	1.15E-08	6.60E-03	3.64E-01	0.00E+00	0.00E+00	9.20E-01	1.93E-03	1.44E+00	0.00E+00	1.17E-08	6.46E-09	4.78E-04	6.07E-08	1.63E-01	0.00E+00	1.44E+00	1.98E-07	1.44E+00	1.61E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MLN540	1.74E-03	1.84E-01	7.00E-03	1.77E-01	0.00E+00	0.00E+00	1.03E+00	1.84E-06	1.06E-03	1.63E-03	0.00E+00	-2.23E-04	2.01E-10	1.15E-08	6.24E-03	3.50E-01	0.00E+00	0.00E+00	8.92E-01	2.97E-03	1.39E+00	0.00E+00	1.14E-08	6.23E-09	4.68E-04	8.31E-08	1.58E-01	0.00E+00	1.39E+00	1.87E-07	1.39E+00	1.55E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.28E+01
MLN540A	1.74E-03	1.90E-01	6.75E-03	1.82E-01	0.00E+00	0.00E+00	1.12E+00	1.98E-06	1.06E-03	1.71E-03	0.00E+00	-1.50E-04	2.12E-10	1.16E-08	6.77E-03	3.69E-01	0.00E+00	0.00E+00	9.36E-01	2.05E-03	1.45E+00	0.00E+00	1.19E-08	6.55E-09	4.82E-04	6.07E-08	1.67E-01	0.00E+00	1.45E+00	1.99E-07	1.45E+00	1.62E+00	1.67E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
MLN702	1.02E-03	1.87E-01	5.66E-03	1.81E-01	0.00E+00	0.00E+00	9.40E-01	1.69E-06	4.61E-04	1.64E-03	0.00E+00	-1.72E-04	1.79E-10	5.49E-09	6.09E-03	2.75E-01	0.00E+00	0.00E+00	7.42E-01	2.33E-03	1.33E+00	0.00E+00	1.10E-08	5.68E-09	4.38E-04	6.68E-08	1.32E-01	0.00E+00	1.33E+00	2.25E-07	1.33E+00	1.46E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
MLN702A	1.01E-03	1.87E-01	5.66E-03	1.81E-01	0.00E+00	0.00E+00	9.41E-01	1.69E-06	4.61E-04	1.64E-03	0.00E+00	-1.72E-04	1.79E-10	5.49E-09	6.09E-03	2.75E-01	0.00E+00	0.00E+00	7.42E-01	2.33E-03	1.33E+00	0.00E+00	1.10E-08	5.67E-09	4.37E-04	6.68E-08	1.32E-01	0.00E+00	1.33E+00	2.24E-07	1.33E+00	1.46E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
MLN706	1.07E-03	1.82E-01	5.92E-03	1.75E-01	0.00E+00	0.00E+00	9.37E-01	1.69E-06	5.04E-04	1.58E-03	0.00E+00	-1.32E-04	1.78E-10	5.99E-09	5.97E-03	2.78E-01	0.00E+00	0.00E+00	7.47E-01	1.85E-03	1.31E+00	0.00E+00	1.08E-08	5.62E-09	4.28E-04	5.54E-08	1.34E-01	0.00E+00	1.31E+00	2.16E-07	1.31E+00	1.44E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
MLN706A	1.07E-03	1.84E-01	5.88E-03	1.76E-01	0.00E+00	0.00E+00	9.50E-01	1.67E-06	5.04E-04	1.62E-03	0.00E+00	-1.33E-04	1.75E-10	6.07E-09	6.07E-03	2.76E-01	0.00E+00	0.00E+00	7.40E-01	1.89E-03	1.30E+00	0.00E+00	1.08E-08	5.62E-09	4.29E-04	5.71E-08	1.33E-01	0.00E+00	1.30E+00	2.18E-07	1.30E+00	1.44E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MLN710	9.14E-04	1.73E-01	5.11E-03	1.69E-01	0.00E+00	0.00E+00	9.09E-01	1.66E-06	4.57E-04	1.52E-03	0.00E+00	-1.26E-04	1.68E-10	5.24E-09	5.88E-03	2.51E-01	0.00E+00	0.00E+00	7.24E-01	1.79E-03	1.26E+00	0.00E+00	1.03E-08	5.19E-09	4.00E-04	5.60E-08	1.29E-01	0.00E+00	1.26E+00	2.23E-07	1.26E+00	1.39E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MLN710A	9.29E-04	1.77E-01	5.10E-03	1.71E-01	0.00E+00	0.00E+00	9.29E-01	1.66E-06	4.60E-04	1.57E-03	0.00E+00	-1.27E-04	1.67E-10	5.35E-09	6.01E-03	2.52E-01	0.00E+00	0.00E+00	7.19E-01	1.84E-03	1.26E+00	0.00E+00	1.03E-08	5.21E-09	4.01E-04	5.80E-08	1.28E-01	0.00E+00	1.26E+00	2.26E-07	1.26E+00	1.40E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
MLN716	1.46E-03	1.78E-01	5.75E-03	1.72E-01	0.00E+00	0.00E+00	9.61E-01	1.72E-06	6.79E-04	1.56E-03	0.00E+00	-1.24E-04	1.78E-10	8.43E-09	5.91E-03	2.90E-01	0.00E+00	0.00E+00	7.92E-01	1.76E-03	1.29E+00	0.00E+00	1.06E-08	5.55E-09	4.47E-04	5.43E-08	1.42E-01	0.00E+00	1.29E+00	2.20E-07	1.29E+00	1.43E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
MLN716A	1.46E-03	1.81E-01	5.71E-03	1.73E-01	0.00E+00	0.00E+00	9.75E-01	1.71E-06	6.79E-04	1.59E-03	0.00E+00	-1.25E-04	1.78E-10	8.40E-09	6.03E-03	2.89E-01	0.00E+00	0.00E+00	7.89E-01	1.80E-03	1.29E+00	0.00E+00	1.06E-08	5.49E-09	4.45E-04	5.61E-08	1.42E-01	0.00E+00	1.29E+00	2.22E-07	1.29E+00	1.43E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MLN720	1.57E-03	1.84E-01	6.19E-03	1.78E-01	0.00E+00	0.00E+00	1.01E+00	1.84E-06	8.55E-04	1.63E-03	0.00E+00	-1.23E-04	1.95E-10	9.65E-09	6.01E-03	3.46E-01	0.00E+00	0.00E+00	8.66E-01	1.74E-03	1.37E+00	0.00E+00	1.11E-08	6.23E-09	4.67E-04	5.30E-08	1.54E-01	0.00E+00	1.37E+00	2.02E-07	1.37E+00	1.52E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
MLN720A	1.55E-03	1.86E-01	6.17E-03	1.78E-01	0.00E+00	0.00E+00	1.03E+00	1.80E-06	8.42E-04	1.65E-03	0.00E+00	-1.23E-04	1.93E-10	9.51E-09	6.23E-03	3.39E-01	0.00E+00	0.00E+00	8.51E-01	1.78E-03	1.35E+00	0.00E+00	1.11E-08	6.16E-09	4.65E-04	5.42E-08	1.52E-01	0.00E+00	1.35E+00	2.03E-07	1.35E+00	1.51E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
MLN725	1.74E-03	1.80E-01	6.29E-03	1.74E-01	0.00E+00	0.00E+00	1.08E+00	1.89E-06	9.54E-04	1.63E-03	0.00E+00	-1.19E-04	2.05E-10	1.10E-08	6.22E-03	3.54E-01	0.00E+00	0.00E+00	9.09E-01	1.69E-03	1.40E+00	0.00E+00	1.14E-08	6.47E-09	4.83E-04	5.15E-08	1.61E-01	0.00E+00	1.40E+00	2.22E-07	1.40E+00	1.56E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
MLN725A	1.71E-03	1.84E-01	6.27E-03	1.76E-01	0.00E+00	0.00E+00	1.09E+00	1.87E-06	9.26E-04	1.66E-03	0.00E+00	-1.20E-04	2.05E-10	1.08E-08	6.33E-03	3.52E-01	0.00E+00	0.00E+00	9.06E-01	1.70E-03	1.40E+00	0.00E+00	1.14E-08	6.35E-09	4.78E-04	5.27E-08	1.61E-01	0.00E+00	1.40E+00	2.23E-07	1.40E+00	1.56E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MLN732	1.74E-03	1.81E-01	6.30E-03	1.75E-01	0.00E+00	0.00E+00	1.08E+00	1.89E-06	9.66E-04	1.63E-03	0.00E+00	-1.19E-04	2.06E-10	1.12E-08	6.26E-03	3.58E-01	0.00E+00	0.00E+00	9.12E-01	1.70E-03	1.41E+00	0.00E+00	1.15E-08	6.51E-09	4.85E-04	5.09E-08	1.62E-01	0.00E+00	1.41E+00	2.21E-07	1.41E+00	1.57E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
MLN732A	1.72E-03	1.88E-01	6.33E-03	1.81E-01	0.00E+00	0.00E+00	1.11E+00	1.95E-06	9.38E-04	1.70E-03	0.00E+00	-1.21E-04	2.06E-10	1.09E-08	6.52E-03	3.56E-01	0.00E+00	0.00E+00	9.10E-01	1.75E-03	1.41E+00	0.00E+00	1.16E-08	6.58E-09	4.84E-04	5.18E-08	1.63E-01	0.00E+00	1.41E+00	6.95E-07	1.41E+00	1.58E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MLN740A	1.72E-03	1.90E-01	6.46E-03	1.83E-01	0.00E+00	0.00E+00	1.12E+00	1.97E-06	9.37E-04	1.72E-03	0.00E+00	-1.23E-04	2.07E-10	1.09E-08	6.62E-03	3.59E-01	0.00E+00	0.00E+00	9.16E-01	1.78E-03	1.42E+00	0.00E+00	1.19E-08	6.60E-09	4.85E-04	5.21E-08	1.64E-01	0.00E+00	1.42E+00	6.98E-07	1.42E+00	1.60E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
MLS506	9.85E-04	1.71E-01	6.25E-03	1.66E-01	0.00E+00	0.00E+00	8.36E-01	1.52E-06	5.50E-04	1.48E-03	0.00E+00	-2.95E-04	1.62E-10	6.31E-09	5.37E-03	2.57E-01	0.00E+00	0.00E+00	6.81E-01	3.91E-03	1.19E+00	0.00E+00	9.75E-09	5.04E-09	3.88E-04	1.01E-07	1.21E-01	0.00E+00	1.19E+00	1.72E-07	1.19E+00	1.31E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MLS510	9.06E-04	1.70E-01	6.02E-03	1.64E-01	0.00E+00	0.00E+00	8.25E-01	1.50E-06	4.48E-04	1.48E-03	0.00E+00	-3.00E-04	1.61E-10	5.01E-09	5.35E-03	2.48E-01	0.00E+00	0.00E+00	6.77E-01	4.07E-03	1.18E+00	0.00E+00	9.74E-09	5.03E-09	3.87E-04	1.04E-07	1.20E-01	0.00E+00	1.18E+00	1.73E-07	1.18E+00	1.31E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MLS513	1.05E-03	1.69E-01	5.86E-03	1.64E-01	0.00E+00	0.00E+00	8.26E-01	1.57E-06	5.87E-04	1.46E-03	0.00E+00	-2.38E-04	1.63E-10	6.25E-09	5.40E-03	2.46E-01	0.00E+00	0.00E+00	6.76E-01	3.05E-03	1.19E+00	0.00E+00	9.71E-09	4.91E-09	3.87E-04	8.55E-08	1.19E-01	0.00E+00	1.19E+00	1.87E-07	1.19E+00	1.31E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
MLS516	1.03E-03	1.72E-01	5.80E-03	1.66E-01	0.00E+00	0.00E+00	8.24E-01	1.50E-06	5.55E-04	1.49E-03	0.00E+00	-2.27E-04	1.64E-10	6.13E-09	5.41E-03	2.55E-01	0.00E+00	0.00E+00	6.77E-01	3.01E-03	1.18E+00	0.00E+00	9.71E-09	5.05E-09	3.97E-04	8.49E-08	1.20E-01	0.00E+00	1.18E+00	1.88E-07	1.18E+00	1.30E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MLU502	1.03E-03	1.82E-01	5.54E-03	1.75E-01	0.00E+00	0.00E+00	9.44E-01	1.69E-06	4.87E-04	1.64E-03	0.00E+00	-1.60E-04	1.78E-10	5.80E-09	6.12E-03	2.74E-01	0.00E+00	0.00E+00	7.46E-01	2.12E-03	1.32E+00	0.00E+00	1.09E-08	5.65E-09	4.29E-04	6.49E-08	1.32E-01	0.00E+00	1.32E+00	2.23E-07	1.32E+00	1.47E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
MLU506	1.00E-03	1.74E-01	5.42E-03	1.68E-01	0.00E+00	0.00E+00	9.34E-01	1.71E-06	5.19E-04	1.51E-03	0.00E+00	-1.47E-04	1.64E-10	5.94E-09	5.94E-03	2.65E-01	0.00E+00	0.00E+00	7.22E-01	1.96E-03	1.27E+00	0.00E+00	1.04E-08	5.23E-09	4.03E-04	6.04E-08	1.29E-01	0.00E+00	1.27E+00	2.10E-07	1.27E+00	1.40E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
MLU510	9.04E-04	1.72E-01	5.22E-03	1.67E-01	0.00E+00	0.00E+00	9.05E-01	1.67E-06	4.45E-04	1.49E-03	0.00E+00	-1.45E-04	1.68E-10	5.18E-09	5.81E-03	2.51E-01	0.00E+00	0.00E+00	7.11E-01	1.92E-03	1.24E+00	0.00E+00	1.01E-08	5.09E-09	3.93E-04	5.92E-08	1.26E-01	0.00E+00	1.24E+00	2.20E-07	1.24E+00	1.37E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
MLU516	9.34E-04	1.73E-01	5.29E-03	1.67E-01	0.00E+00	0.00E+00	9.17E-01	1.69E-06	4.67E-04	1.50E-03	0.00E+00	-1.45E-04	1.70E-10	5.41E-09	5.86E-03	2.56E-01	0.00E+00	0.00E+00	7.22E-01	1.92E-03	1.26E+00	0.00E+00	1.02E-08	5.15E-09	3.96E-04	5.93E-08	1.28E-01	0.00E+00	1.26E+00	2.20E-07	1.26E+00	1.38E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
MLU520	1.45E-03	1.80E-01	6.17E-03	1.74E-01	0.00E+00	0.00E+00	1.01E+00	1.83E-06	8.54E-04	1.60E-03	0.00E+00	-1.46E-04	1.94E-10	9.38E-09	6.18E-03	3.25E-01	0.00E+00	0.00E+00	8.48E-01	1.94E-03	1.36E+00	0.00E+00	1.10E-08	5.96E-09	4.47E-04	6.00E-08	1.49E-01	0.00E+00	1.36E+00	2.00E-07	1.36E+00	1.51E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	3.10E+01
MLU525	1.64E-03	1.84E-01	6.51E-03	1.77E-01	0.00E+00	0.00E+00	1.05E+00	1.90E-06	9.91E-04	1.63E-03	0.00E+00	-1.46E-04	2.06E-10	1.08E-08	6.33E-03	3.51E-01	0.00E+00	0.00E+00	9.02E-01	1.94E-03	1.40E+00	0.00E+00	1.14E-08	6.28E-09	4.67E-04	6.02E-08	1.59E-01	0.00E+00	1.40E+00	1.97E-07	1.40E+00	1.56E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01

MLU532	1.73E-03	1.86E-01	6.71E-03	1.79E-01	0.00E+00	0.00E+00	1.08E+00	1.95E-06	1.06E-03	1.66E-03	0.00E+00	-1.46E-04	2.08E-10	1.15E-08	6.47E-03	3.65E-01	0.00E+00	0.00E+00	9.27E-01	1.94E-03	1.44E+00	0.00E+00	1.17E-08	6.45E-09	4.78E-04	6.04E-08	1.64E-01	0.00E+00	1.44E+00	1.95E-07	1.44E+00	1.60E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MLU540	1.76E-03	1.87E-01	6.79E-03	1.80E-01	0.00E+00	0.00E+00	1.10E+00	1.98E-06	1.08E-03	1.67E-03	0.00E+00	-1.46E-04	2.14E-10	1.17E-08	6.54E-03	3.71E-01	0.00E+00	0.00E+00	9.46E-01	1.94E-03	1.45E+00	0.00E+00	1.18E-08	6.54E-09	4.83E-04	6.05E-08	1.66E-01	0.00E+00	1.45E+00	1.99E-07	1.45E+00	1.62E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.48E+01
MMN313	2.59E-03	4.70E-01	1.66E-02	4.50E-01	0.00E+00	0.00E+00	2.69E+00	5.30E-06	4.89E-04	4.29E-03	0.00E+00	-4.95E-04	5.34E-10	7.46E-09	1.86E-02	8.19E-01	0.00E+00	0.00E+00	2.26E+00	6.75E-03	4.05E+00	0.00E+00	3.39E-08	1.69E-08	1.24E-03	1.66E-07	4.08E-01	0.00E+00	4.05E+00	6.80E-07	4.05E+00	4.54E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.19E+01
MMN404	3.62E-03	6.54E-01	2.29E-02	6.22E-01	0.00E+00	0.00E+00	4.48E+00	8.03E-06	5.07E-04	5.85E-03	0.00E+00	-5.97E-04	8.55E-10	9.16E-09	2.65E-02	1.46E+00	0.00E+00	0.00E+00	4.16E+00	8.11E-03	6.01E+00	0.00E+00	4.79E-08	2.58E-08	1.78E-03	2.55E-07	7.05E-01	0.00E+00	6.01E+00	9.51E-07	6.01E+00	6.61E+00	7.05E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
MN120V	8.66E-04	1.66E-01	4.98E-03	1.62E-01	0.00E+00	0.00E+00	9.67E-01	1.83E-06	4.24E-04	1.48E-03	0.00E+00	-7.44E-05	1.75E-10	5.23E-09	6.08E-03	2.61E-01	0.00E+00	0.00E+00	7.56E-01	1.03E-03	1.30E+00	0.00E+00	1.05E-08	5.28E-09	4.00E-04	3.79E-08	1.32E-01	0.00E+00	1.30E+00	2.58E-07	1.30E+00	1.43E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
MN132Z	1.62E-03	2.00E-01	6.10E-03	1.94E-01	0.00E+00	0.00E+00	1.10E+00	1.99E-06	9.22E-04	1.77E-03	0.00E+00	-7.95E-05	2.10E-10	1.02E-08	6.73E-03	3.59E-01	0.00E+00	0.00E+00	9.28E-01	1.11E-03	1.51E+00	0.00E+00	1.23E-08	6.63E-09	4.95E-04	4.08E-08	1.65E-01	0.00E+00	1.51E+00	2.39E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
MN140Z	1.62E-03	2.01E-01	6.10E-03	1.94E-01	0.00E+00	0.00E+00	1.09E+00	1.99E-06	9.27E-04	1.76E-03	0.00E+00	-8.02E-05	2.09E-10	1.03E-08	6.76E-03	3.61E-01	0.00E+00	0.00E+00	9.30E-01	1.10E-03	1.51E+00	0.00E+00	1.24E-08	6.65E-09	4.98E-04	4.08E-08	1.65E-01	0.00E+00	1.51E+00	2.38E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
MN150Z	1.83E-03	2.07E-01	6.81E-03	1.99E-01	0.00E+00	0.00E+00	1.18E+00	2.19E-06	1.04E-03	1.83E-03	0.00E+00	-1.08E-04	2.25E-10	1.15E-08	7.31E-03	3.99E-01	0.00E+00	0.00E+00	1.03E+00	1.50E-03	1.62E+00	0.00E+00	1.32E-08	7.14E-09	5.39E-04	4.85E-08	1.81E-01	0.00E+00	1.62E+00	2.42E-07	1.62E+00	1.80E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
MN163Z	1.84E-03	2.07E-01	6.90E-03	1.99E-01	0.00E+00	0.00E+00	1.19E+00	2.20E-06	1.17E-03	1.83E-03	0.00E+00	-1.10E-04	2.30E-10	1.25E-08	7.33E-03	3.99E-01	0.00E+00	0.00E+00	1.04E+00	1.54E-03	1.63E+00	0.00E+00	1.32E-08	7.18E-09	5.41E-04	4.91E-08	1.83E-01	0.00E+00	1.63E+00	2.42E-07	1.63E+00	1.80E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
MN206V	1.97E-03	3.21E-01	1.01E-02	3.10E-01	0.00E+00	0.00E+00	2.02E+00	3.76E-06	5.28E-04	2.75E-03	0.00E+00	-1.78E-04	3.68E-10	7.27E-09	1.31E-02	6.03E-01	0.00E+00	0.00E+00	1.74E+00	2.50E-03	2.96E+00	0.00E+00	2.42E-08	1.37E-08	8.19E-04	9.54E-08	3.07E-01	0.00E+00	2.96E+00	4.47E-07	2.96E+00	3.33E+00	3.07E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MN210V	1.33E-03	2.13E-01	7.72E-03	2.05E-01	0.00E+00	0.00E+00	1.68E+00	3.73E-06	5.04E-04	2.08E-03	0.00E+00	-7.78E-05	3.05E-10	6.85E-09	1.18E-02	4.58E-01	0.00E+00	0.00E+00	1.39E+00	1.06E-03	2.79E+00	0.00E+00	2.14E-08	1.04E-08	6.07E-04	4.76E-08	2.41E-01	0.00E+00	2.79E+00	8.76E-07	2.79E+00	3.03E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.99E+01
MN210V33	1.33E-03	2.13E-01	7.72E-03	2.05E-01	0.00E+00	0.00E+00	1.68E+00	3.74E-06	5.04E-04	2.08E-03	0.00E+00	-7.78E-05	3.05E-10	6.85E-09	1.18E-02	4.59E-01	0.00E+00	0.00E+00	1.39E+00	1.06E-03	2.79E+00	0.00E+00	2.14E-08	1.04E-08	6.08E-04	4.76E-08	2.41E-01	0.00E+00	2.79E+00	8.77E-07	2.79E+00	3.03E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MN216V	1.33E-03	2.12E-01	7.69E-03	2.04E-01	0.00E+00	0.00E+00	1.67E+00	3.71E-06	5.03E-04	2.07E-03	0.00E+00	-7.78E-05	3.01E-10	6.83E-09	1.18E-02	4.57E-01	0.00E+00	0.00E+00	1.37E+00	1.06E-03	2.78E+00	0.00E+00	2.14E-08	1.03E-08	6.06E-04	4.75E-08	2.40E-01	0.00E+00	2.78E+00	8.72E-07	2.78E+00	3.02E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MN216V33	1.33E-03	2.12E-01	7.69E-03	2.04E-01	0.00E+00	0.00E+00	1.68E+00	3.72E-06	5.03E-04	2.07E-03	0.00E+00	-7.78E-05	3.01E-10	6.84E-09	1.18E-02	4.57E-01	0.00E+00	0.00E+00	1.38E+00	1.06E-03	2.78E+00	0.00E+00	2.14E-08	1.04E-08	6.06E-04	4.75E-08	2.40E-01	0.00E+00	2.78E+00	8.73E-07	2.78E+00	3.02E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MN220V	1.40E-03	2.14E-01	7.86E-03	2.06E-01	0.00E+00	0.00E+00	1.70E+00	3.77E-06	5.53E-04	2.10E-03	0.00E+00	-7.78E-05	3.08E-10	7.36E-09	1.19E-02	4.68E-01	0.00E+00	0.00E+00	1.41E+00	1.06E-03	2.81E+00	0.00E+00	2.16E-08	1.05E-08	6.15E-04	4.77E-08	2.45E-01	0.00E+00	2.81E+00	8.75E-07	2.81E+00	3.06E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
MN220V33	1.40E-03	2.14E-01	7.86E-03	2.06E-01	0.00E+00	0.00E+00	1.70E+00	3.77E-06	5.53E-04	2.10E-03	0.00E+00	-7.78E-05	3.08E-10	7.37E-09	1.19E-02	4.69E-01	0.00E+00	0.00E+00	1.41E+00	1.06E-03	2.81E+00	0.00E+00	2.16E-08	1.05E-08	6.16E-04	4.77E-08	2.45E-01	0.00E+00	2.81E+00	8.76E-07	2.81E+00	3.06E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
MN225V	1.96E-03	3.39E-01	9.99E-03	3.29E-01	0.00E+00	0.00E+00	1.99E+00	3.72E-06	9.87E-04	2.98E-03	0.00E+00	-1.48E-04	3.64E-10	1.16E-08	1.26E-02	5.47E-01	0.00E+00	0.00E+00	1.55E+00	1.99E-03	2.66E+00	0.00E+00	2.13E-08	1.07E-08	7.96E-04	7.42E-08	2.73E-01	0.00E+00	2.66E+00	4.83E-07	2.66E+00	2.93E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	5.59E+01
MN225V1	1.97E-03	3.35E-01	1.01E-02	3.25E-01	0.00E+00	0.00E+00	2.01E+00	3.80E-06	9.85E-04	2.95E-03	0.00E+00	-1.48E-04	3.73E-10	1.17E-08	1.28E-02	5.53E-01	0.00E+00	0.00E+00	1.59E+00	1.99E-03	2.72E+00	0.00E+00	2.17E-08	1.09E-08	7.96E-04	7.42E-08	2.78E-01	0.00E+00	2.72E+00	5.28E-07	2.72E+00	3.00E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	5.73E+01
MN225Z	1.99E-03	3.28E-01	9.82E-03	3.20E-01	0.00E+00	0.00E+00	1.92E+00	3.63E-06	9.74E-04	2.90E-03	0.00E+00	-1.56E-04	3.58E-10	1.17E-08	1.24E-02	5.52E-01	0.00E+00	0.00E+00	1.54E+00	2.14E-03	2.63E+00	0.00E+00	2.09E-08	1.07E-08	7.57E-04	7.95E-08	2.68E-01	0.00E+00	2.63E+00	4.75E-07	2.63E+00	2.89E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	5.57E+01
MN232V	3.24E-03	3.94E-01	1.22E-02	3.82E-01	0.00E+00	0.00E+00	2.16E+00	3.93E-06	1.91E-03	3.51E-03	0.00E+00	-1.52E-04	4.20E-10	2.09E-08	1.37E-02	7.21E-01	0.00E+00	0.00E+00	1.85E+00	2.05E-03	3.01E+00	0.00E+00	2.45E-08	1.33E-08	9.89E-04	7.82E-08	3.27E-01	0.00E+00	3.01E+00	4.79E-07	3.01E+00	3.33E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN232V1	3.24E-03	3.94E-01	1.22E-02	3.82E-01	0.00E+00	0.00E+00	2.16E+00	3.93E-06	1.91E-03	3.51E-03	0.00E+00	-1.52E-04	4.20E-10	2.09E-08	1.37E-02	7.21E-01	0.00E+00	0.00E+00	1.85E+00	2.05E-03	3.01E+00	0.00E+00	2.45E-08	1.33E-08	9.89E-04	7.82E-08	3.27E-01	0.00E+00	3.01E+00	4.79E-07	3.01E+00	3.33E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN232Z	2.74E-03	3.95E-01	1.16E-02	3.85E-01	0.00E+00	0.00E+00	2.16E+00	3.94E-06	1.45E-03	3.52E-03	0.00E+00	-1.69E-04	4.09E-10	1.55E-08	1.37E-02	6.75E-01	0.00E+00	0.00E+00	1.83E+00	2.26E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.95E-04	8.54E-08	3.24E-01	0.00E+00	3.03E+00	4.81E-07	3.03E+00	3.35E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MN240V	3.23E-03	3.93E-01	1.28E-02	3.80E-01	0.00E+00	0.00E+00	2.16E+00	3.94E-06	1.91E-03	3.49E-03	0.00E+00	-2.39E-04	4.20E-10	2.09E-08	1.36E-02	7.19E-01	0.00E+00	0.00E+00	1.85E+00	3.19E-03	3.00E+00	0.00E+00	2.44E-08	1.32E-08	9.85E-04	1.06E-07	3.26E-01	0.00E+00	3.00E+00	4.68E-07	3.00E+00	3.33E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN240V1	3.23E-03	3.93E-01	1.28E-02	3.80E-01	0.00E+00	0.00E+00	2.16E+00	3.94E-06	1.91E-03	3.49E-03	0.00E+00	-2.39E-04	4.20E-10	2.09E-08	1.36E-02	7.19E-01	0.00E+00	0.00E+00	1.85E+00	3.19E-03	3.00E+00	0.00E+00	2.44E-08	1.32E-08	9.85E-04	1.06E-07	3.26E-01	0.00E+00	3.00E+00	4.68E-07	3.00E+00	3.33E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN250Z	3.49E-03	4.10E-01	1.39E-02	3.93E-01	0.00E+00	0.00E+00	2.37E+00	4.41E-06	1.77E-03	3.62E-03	0.00E+00	-2.17E-04	4.38E-10	2.04E-08	1.47E-02	7.90E-01	0.00E+00	0.00E+00	2.04E+00	2.99E-03	3.24E+00	0.00E+00	2.61E-08	1.40E-08	1.04E-03	1.01E-07	3.57E-01	0.00E+00	3.24E+00	4.62E-07	3.24E+00	3.58E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	7.43E+01
MN263Z	3.91E-03	4.11E-01	1.45E-02	3.93E-01	0.00E+00	0.00E+00	2.39E+00	4.48E-06	2.36E-03	3.65E-03	0.00E+00	-2.45E-04	4.62E-10	2.56E-08	1.48E-02	8.29E-01	0.00E+00	0.00E+00	2.11E+00	3.37E-03	3.26E+00	0.00E+00	2.63E-08	1.43E-08	1.05E-03	1.12E-07	3.71E-01	0.00E+00	3.26E+00	4.70E-07	3.26E+00	3.60E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.80E+01
MN306Z	2.08E-03	4.67E-01	1.38E-02	4.55E-01	0.00E+00	0.00E+00	2.62E+00	4.80E-06	7.59E-04	4.11E-03	0.00E+00	-2.18E-04	4.63E-10	9.80E-09	1.72E-02	6.67E-01	0.00E+00	0.00E+00	1.97E+00	2.99E-03	3.54E+00	0.00E+00	2.88E-08	1.40E-08	1.08E-03	1.12E-07	3.48E-01	0.00E+00	3.54E+00	2.83E-07	3.54E+00	3.93E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	6.98E+01
MN310Z	2.11E-03	4.74E-01	1.39E-02	4.60E-01	0.00E+00	0.00E+00	2.69E+00	4.92E-06	8.62E-04	4.20E-03	0.00E+00	-2.10E-04	4.83E-10	1.08E-08	1.77E-02	6.74E-01	0.00E+00	0.00E+00	2.02E+00	2.83E-03	3.65E+00	0.00E+00	2.95E-08	1.43E-08	1.10E-03	1.08E-07	3.59E-01	0.00E+00	3.65E+00	2.84E-07	3.65E+00	4.04E+00	3.59E-01	0.00E+00	0.00E+00	0.00E+00	7.24E+01
MN320Z	2.55E-03	4.90E-01	1.49E-02	4.73E-01	0.00E+00	0.00E+00	2.81E+00	5.18E-06	1.19E-03	4.29E-03	0.00E+00	-2.16E-04	5.13E-10	1.42E-08	1.81E-02	7.57E-01	0.00E+00	0.00E+00	2.17E+00	2.93E-03	3.74E+00	0.00E+00	3.02E-08	1.51E-08	1.13E-03	1.11E-07	3.83E-01	0.00E+00	3.74E+00	2.83E-07	3.74E+00	4.15E+00	3.83E-01	0.00E+00	0.00E+00	0.00E+00	7.78E+01
MN332Z	4.62E-03	5.94E-01	1.82E-02	5.74E-01	0.00E+00	0.00E+00	3.20E+00	5.79E-06	2.63E-03	5.25E-03	0.00E+00	-2.33E-04	6.15E-10	2.89E-08	2.04E-02	1.05E+00	0.00E+00	0.00E+00	2.73E+00	3.12E-03	4.42E+00	0.00E+00	3.63E-08	1.97E-08	1.48E-03	1.20E-07	4.85E-01	0.00E+00	4.42E+00	6.79E-07	4.42E+00	4.90E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	9.94E+01
MN340Z	4.85E-03	5.89E-01	2.01E-02	5.68E-01	0.00E+00	0.00E+00	3.20E+00	5.78E-06	2.86E-03	5.20E-03	0.00E+00	-3.56E-04	6.16E-10	3.14E-08	2.02E-02	1.08E+00	0.00E+00	0.00E+00	2.74E+00	4.66E-03	4.39E+00	0.00E+00	3.61E-08	1.99E-08	1.47E-03	1.47E-07	4.85E-01	0.00E+00	4.39E+00	2.74E-07	4.39E+00	4.90E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MN363Z	5.79E-03	6.15E-01	2.25E-02	5.93E-01	0.00E+00	0.00E+00	3.67E+00	6.67E-06	3.45E-03	5.52E-03	0.00E+00	-3.71E-04	7.12E-10	3.79E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.22E+00	4.82E-03	4.93E+00	0.00E+00	3.99E-08	2.22E-08	1.61E-03	1.54E-07	5.63E-01	0.00E+00	4.93E+00	2.99E-07	4.93E+00	5.49E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MN463Z	7.67E-03	8.38E-01	2.90E-02	8.12E-01	0.00E+00	0.00E+00	5.04E+00	9.19E-06	4.69E-03	7.50E-03	0.00E+00	-4.43E-04	9.69E-10	5.06E-08	3.03E-02	1.67E+00	0.00E+00	0.00E+00	4.36E+00	5.75E-03	6.72E+00	0.00E+00	5.42E-08	2.98E-08	2.16E-03	2.03E-07	7.69E-01	0.00E+00	6.72E+00	9.02E-07	6.72E+00	7.51E+00	7.69E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
MN506V	1.29E-03	3.27E-01	9.65E-03	3.14E-01	0.00E+00	0.00E+00	1.76E+00	3.39E-06	5.14E-04	2.80E-03	0.00E+00	-1.54E-04	3.36E-10	6.73E-09	1.16E-02	4.93E-01	0.00E+00	0.00E+00	1.36E+00	2.08E-03	2.48E+00	0.00E+00	1.98E-08	9.51E-09	7.81E-04	7.91E-08	2.41E-01	0.00E+00	2.48E+00	4.32E-07	2.48E+00	2.70E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.90E+01
MN510V	1.33E-03	2.13E-01	7.72E-03	2.06E-01	0.00E+00	0.00E+00	1.68E+00	3.74E-06	5.04E-04	2.09E-03	0.00E+00	-7.65E-05	3.05E-10	6.85E-09	1.18E-02	4.59E-01	0.00E+00	0.00E+00	1.39E+00	1.04E-03	2.80E+00	0.00E+00	2.15E-08	1.04E-08	6.09E-04	4.72E-08	2.42E-01	0.00E+00	2.80E+00	8.80E-07	2.80E+00	3.04E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MN510V33	1.33E-03	2.13E-01	7.72E-03	2.06E-01	0.00E+00	0.00E+00	1.68E+00	3.74E-06	5.04E-04	2.09E-03	0.00E+00	-7.65E-05	3.06E-10	6.86E-09	1.18E-02	4.59E-01	0.00E+00	0.00E+00	1.39E+00	1.04E-03	2.80E+00	0.00E+00	2.15E-08	1.04E-08	6.09E-04	4.72E-08	2.42E-01	0.00E+00	2.80E+00	8.80E-07	2.80E+00	3.04E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
MN516V	1.33E-03	2.13E-01	7.69E-03	2.05E-01	0.00E+00	0.00E+00	1.68E+00	3.72E-06	5.04E-04	2.08E-03	0.00E+00	-7.65E-05	3.01E-10	6.83E-09	1.18E-02	4.57E-01	0.00E+00	0.00E+00	1.38E+00	1.04E-03	2.79E+00	0.00E+00	2.14E-08	1.04E-08	6.07E-04	4.72E-08	2.40E-01	0.00E+00	2.79E+00	8.75E-07	2.79E+00	3.03E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MN516V33	1.33E-03	2.13E-01	7.69E-03	2.05E-01	0.00E+00	0.00E+00	1.68E+00	3.72E-06	5.04E-04	2.08E-03	0.00E+00	-7.65E-05	3.01E-10	6.84E-09	1.18E-02	4.58E-01	0.00E+00	0.00E+00	1.38E+00	1.04E-03	2.79E+00	0.00E+00	2.14E-08	1.04E-08	6.08E-04	4.72E-08	2.40E-01	0.00E+00	2.79E+00	8.76E-07	2.79E+00	3.03E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	4.96E+01
MN520V	1.40E-03	2.15E-01	7.86E-03	2.07E-01	0.00E+00	0.00E+00	1.70E+00	3.77E-06	5.53E-04	2.10E-03	0.00E+00	-7.65E-05	3.08E-10	7.37E-09	1.19E-02	4.69E-01	0.00E+00	0.00E+00	1.41E+00	1.04E-03	2.82E+00	0.00E+00	2.17E-08	1.05E-08	6.17E-04	4.74E-08	2.45E-01	0.00E+00	2.82E+00	8.79E-07	2.82E+00	3.06E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.07E+01
MN520V33	1.40E-03	2.15E-01	7.86E-03	2.07E-01	0.00E+00	0.00E+00	1.71E+00	3.78E-06	5.53E-04	2.10E-03	0.00E+00	-7.65E-05	3.09E-10	7.37E-09	1.19E-02	4.70E-01	0.00E+00	0.00E+00	1.41E+00	1.04E-03	2.82E+00	0.00E+00	2.17E-08	1.05E-08	6.17E-04	4.74E-08	2.45E-01	0.00E+00	2.82E+00	8.79E-07	2.82E+00	3.07E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.08E+01
MN525V	2.01E-03	3.23E-01	8.92E-03	3.14E-01	0.00E+00	0.00E+00	1.80E+00	3.27E-06	1.07E-03	2.84E-03	0.00E+00	-8.36E-05	3.15E-10	1.23E-08	1.16E-02	5.24E-01	0.00E+00	0.00E+00	1.40E+00	1.14E-03	2.44E+00	0.00E+00	1.98E-08	1.01E-08	7.64E-04	5.19E-08	2.51E-01	0.00E+00	2.44E+00	4.15E-07	2.44E+00	2.69E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.04E+01
MN525V1	2.02E-03	3.19E-01	8.96E-03	3.10E-01	0.00E+00	0.00E+00	1.81E+00	3.33E-06	1.07E-03	2.82E-03	0.00E+00	-8.36E-05	3.20E-10	1.23E-08	1.17E-02	5.28E-01	0.00E+00	0.00E+00	1.42E+00	1.14E-03	2.49E+00	0.00E+00	2.01E-08	1.02E-08	7.64E-04	5.19E-08	2.54E-01	0.00E+00	2.49E+00	4.47E-07	2.49E+00	2.74E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.12E+01
MN532V	3.23E-03	3.92E-01	1.21E-02	3.80E-01	0.00E+00	0.00E+00	2.15E+00	3.87E-06	1.91E-03	3.49E-03	0.00E+00	-1.52E-04	3.97E-10	2.09E-08	1.36E-02	7.16E-01	0.00E+00	0.00E+00	1.80E+00	2.05E-03	2.99E+00	0.00E+00	2.44E-08	1.31E-08	9.84E-04	7.82E-08	3.21E-01	0.00E+00	2.99E+00	4.59E-07	2.99E+00	3.31E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.55E+01
MN532V1	3.23E-03	3.92E-01	1.21E-02	3.80E-01	0.00E+00	0.00E+00	2.15E+00	3.87E-06	1.91E-03	3.49E-03	0.00E+00	-1.52E-04	3.97E-10	2.09E-08	1.36E-02	7.16E-01	0.00E+00	0.00E+00	1.80E+00	2.05E-03	2.99E+00	0.00E+00	2.44E-08	1.31E-08	9.84E-04	7.82E-08	3.21E-01	0.00E+00	2.99E+00	4.59E-07	2.99E+00	3.31E+00	3.21E-01	0.00E+00	0.00E+00	0.00E+00	6.55E+01
MN540V	3.23E-03	3.93E-01	1.28E-02	3.80E-01	0.00E+00	0.00E+00	2.16E+00	3.94E-06	1.91E-03	3.49E-03	0.00E+00	-2.39E-04	4.21E-10	2.09E-08	1.36E-02	7.20E-01	0.00E+00	0.00E+00	1.85E+00	3.19E-03	3.00E+00	0.00E+00	2.44E-08	1.32E-08	9.85E-04	1.06E-07	3.26E-01	0.00E+00	3.00E+00	4.68E-07	3.00E+00	3.33E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN540V1	3.23E-03	3.93E-01	1.28E-02	3.80E-01	0.00E+00	0.00E+00	2.16E+00	3.94E-06	1.91E-03	3.49E-03	0.00E+00	-2.39E-04	4.21E-10	2.09E-08	1.36E-02	7.20E-01	0.00E+00	0.00E+00	1.85E+00	3.19E-03	3.00E+00	0.00E+00	2.44E-08	1.32E-08	9.85E-04	1.06E-07	3.26E-01	0.00E+00	3.00E+00	4.68E-07	3.00E+00	3.33E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MN906V	9.18E-04	1.64E-01	5.35E-03	1.59E-01	0.00E+00	0.00E+00	9.03E-01	1.76E-06	3.93E-04	1.45E-03	0.00E+00	-1.33E-04	1.69E-10	5.07E-09	5.65E-03	2.80E-01	0.00E+00	0.00E+00	7.36E-01	1.79E-03	1.34E+00	0.00E+00	1.08E-08	5.54E-09	3.95E-04	5.65E-08	1.31E-01	0.00E+00	1.34E+00	2.07E-07	1.34E+00	1.52E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
MN910V	8.76E-04	1.60E-01	5.06E-03	1.55E-01	0.00E+00	0.00E+00	8.68E-01	1.61E-06	4.37E-04	1.40E-03	0.00E+00	-1.45E-04	1.65E-10	5.09E-09	5.54E-03	2.42E-01	0.00E+00	0.00E+00	6.85E-01	1.92E-03	1.19E+00	0.00E+00	9.62E-09	4.86E-09	3.70E-04	5.85E-08	1.21E-01	0.00E+00	1.19E+00	2.11E-07	1.19E+00	1.31E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
MN916V	9.07E-04	1.61E-01	5.13E-03	1.56E-01	0.00E+00	0.00E+00	8.80E-01	1.63E-06	4.59E-04	1.41E-03	0.00E+00	-1.45E-04	1.67E-10	5.33E-09	5.59E-03	2.47E-01	0.00E+00	0.00E+00	6.96E-01	1.92E-03	1.20E+00	0.00E+00	9.71E-09	4.92E-09	3.74E-04	5.86E-08	1.23E-01	0.00E+00	1.20E+00	2.11E-07	1.20E+00	1.32E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
MN920V	1.42E-03	1.69E-01	6.01E-03	1.63E-01	0.00E+00	0.00E+00	9.71E-01	1.77E-06	8.46E-04	1.50E-03	0.00E+00	-1.46E-04	1.90E-10	9.30E-09	5.91E-03	3.15E-01	0.00E+00	0.00E+00	8.22E-01	1.94E-03	1.30E+00	0.00E+00	1.06E-08	5.73E-09	4.25E-04	5.92E-08	1.45E-01	0.00E+00	1.30E+00	1.92E-07	1.30E+00	1.45E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	3.01E+01
MN925V	1.61E-03	1.72E-01	6.35E-03	1.66E-01	0.00E+00	0.00E+00	1.01E+00	1.84E-06	9.82E-04	1.54E-03	0.00E+00	-1.46E-04	2.02E-10	1.07E-08	6.06E-03	3.41E-01	0.00E+00	0.00E+00	8.76E-01	1.94E-03	1.35E+00	0.00E+00	1.09E-08	6.05E-09	4.45E-04	5.94E-08	1.54E-01	0.00E+00	1.35E+00	1.89E-07	1.35E+00	1.50E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
MN932V	1.70E-03	1.74E-01	6.55E-03	1.68E-01	0.00E+00	0.00E+00	1.04E+00	1.89E-06	1.05E-03	1.56E-03	0.00E+00	-1.46E-04	2.05E-10	1.14E-08	6.20E-03	3.56E-01	0.00E+00	0.00E+00	9.02E-01	1.94E-03	1.38E+00	0.00E+00	1.12E-08	6.23E-09	4.56E-04	5.96E-08	1.59E-01	0.00E+00	1.38E+00	1.86E-07	1.38E+00	1.54E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.32E+01
MN940V	1.57E-03	1.71E-01	5.96E-03	1.64E-01	0.00E+00	0.00E+00	1.04E+00	1.92E-06	9.07E-04	1.53E-03	0.00E+00	-1.45E-04	1.94E-10	1.02E-08	6.17E-03	3.21E-01	0.00E+00	0.00E+00	8.62E-01	1.92E-03	1.45E+00	0.00E+00	1.14E-08	5.95E-09	4.37E-04	5.97E-08	1.52E-01	0.00E+00	1.45E+00	2.60E-07	1.45E+00	1.57E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.17E+01
MR110	6.83E-04	1.26E-01	4.81E-03	1.21E-01	0.00E+00	0.00E+00	8.74E-01	1.97E-06	2.65E-04	1.28E-03	0.00E+00	-1.52E-04	1.61E-10	3.46E-09	5.82E-03	2.29E-01	0.00E+00	0.00E+00	7.10E-01	1.99E-03	1.53E+00	0.00E+00	1.14E-08	5.09E-09	3.46E-04	6.39E-08	1.22E-01	0.00E+00	1.53E+00	4.63E-07	1.53E+00	1.64E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
MR116	7.52E-04	1.28E-01	4.91E-03	1.23E-01	0.00E+00	0.00E+00	8.94E-01	2.01E-06	2.92E-04	1.32E-03	0.00E+00	-1.61E-04	1.65E-10	3.67E-09	5.88E-03	2.56E-01	0.00E+00	0.00E+00	7.35E-01	2.05E-03	1.55E+00	0.00E+00	1.16E-08	5.46E-09	3.73E-04	6.65E-08	1.29E-01	0.00E+00	1.55E+00	4.62E-07	1.55E+00	1.68E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
MR120	9.09E-04	1.29E-01	5.03E-03	1.24E-01	0.00E+00	0.00E+00	9.07E-01	2.03E-06	4.15E-04	1.33E-03	0.00E+00	-1.53E-04	1.69E-10	5.19E-09	5.95E-03	2.80E-01	0.00E+00	0.00E+00	7.54E-01	1.91E-03	1.56E+00	0.00E+00	1.17E-08	5.79E-09	3.81E-04	6.28E-08	1.33E-01	0.00E+00	1.56E+00	4.62E-07	1.56E+00	1.69E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.77E+01
MR132	1.49E-03	1.39E-01	7.23E-03	1.36E-01	0.00E+00	0.00E+00	1.10E+00	2.44E-06	8.01E-04	1.40E-03	0.00E+00	-2.54E-04	1.93E-10	9.24E-09	7.62E-03	3.62E-01	0.00E+00	0.00E+00	9.78E-01	3.29E-03	1.84E+00	0.00E+00	1.45E-08	7.58E-09	4.52E-04	9.44E-08	1.70E-01	0.00E+00	1.84E+00	5.41E-07	1.84E+00	2.04E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
MR210	1.45E-03	2.84E-01	8.71E-03	2.66E-01	0.00E+00	0.00E+00	1.69E+00	3.64E-06	7.57E-04	2.59E-03	0.00E+00	-1.87E-04	3.28E-10	8.62E-09	1.16E-02	4.77E-01	0.00E+00	0.00E+00	1.38E+00	2.29E-03	2.72E+00	0.00E+00	2.10E-08	1.00E-08	6.80E-04	6.86E-08	2.42E-01	0.00E+00	2.72E+00	5.22E-07	2.72E+00	2.96E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.99E+01
MR216	1.59E-03	2.83E-01	9.81E-03	2.66E-01	0.00E+00	0.00E+00	1.74E+00	3.66E-06	8.41E-04	2.64E-03	0.00E+00	-2.01E-04	3.29E-10	9.76E-09	1.18E-02	5.23E-01	0.00E+00	0.00E+00	1.42E+00	2.52E-03	2.74E+00	0.00E+00	2.13E-08	1.04E-08	7.92E-04	7.15E-08	2.52E-01	0.00E+00	2.74E+00	5.13E-07	2.74E+00	2.98E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	5.17E+01
MR220	1.69E-03	2.88E-01	1.08E-02	2.69E-01	0.00E+00	0.00E+00	1.78E+00	3.70E-06	9.30E-04	2.65E-03	0.00E+00	-1.99E-04	3.39E-10	1.08E-08	1.19E-02	5.35E-01	0.00E+00	0.00E+00	1.46E+00	2.55E-03	2.75E+00	0.00E+00	2.13E-08	1.05E-08	8.00E-04	7.73E-08	2.58E-01	0.00E+00	2.75E+00	5.10E-07	2.75E+00	2.98E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	5.32E+01
MR232	2.50E-03	3.40E-01	1.14E-02	3.37E-01	0.00E+00	0.00E+00	2.15E+00	4.46E-06	1.07E-03	3.10E-03	0.00E+00	-2.81E-04	3.85E-10	1.27E-08	1.43E-02	6.82E-01	0.00E+00	0.00E+00	1.88E+00	3.60E-03	3.56E+00	0.00E+00	2.80E-08	1.45E-08	9.75E-04	9.77E-08	3.31E-01	0.00E+00	3.56E+00	1.30E-06	3.56E+00	3.85E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
MR240	3.19E-03	3.43E-01	1.29E-02	3.39E-01	0.00E+00	0.00E+00	2.15E+00	4.47E-06	1.70E-03	3.12E-03	0.00E+00	-3.68E-04	3.96E-10	1.95E-08	1.44E-02	7.28E-01	0.00E+00	0.00E+00	1.90E+00	4.61E-03	3.58E+00	0.00E+00	2.83E-08	1.51E-08	9.78E-04	1.06E-07	3.35E-01	0.00E+00	3.58E+00	1.29E-06	3.58E+00	3.88E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MR263	3.41E-03	3.41E-01	1.55E-02	3.31E-01	0.00E+00	0.00E+00	2.37E+00	4.67E-06	1.77E-03	3.15E-03	0.00E+00	-5.86E-04	4.18E-10	2.12E-08	1.49E-02	8.13E-01	0.00E+00	0.00E+00	2.13E+00	7.27E-03	3.69E+00	0.00E+00	2.87E-08	1.58E-08	9.85E-04	2.13E-07	3.73E-01	0.00E+00	3.69E+00	1.27E-06	3.69E+00	4.00E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.81E+01
MR310	2.22E-03	4.19E-01	1.40E-02	4.05E-01	0.00E+00	0.00E+00	2.65E+00	5.06E-06	9.23E-04	3.89E-03	0.00E+00	-2.55E-04	4.65E-10	1.16E-08	1.78E-02	6.77E-01	0.00E+00	0.00E+00	2.02E+00	3.28E-03	3.61E+00	0.00E+00	2.92E-08	1.43E-08	1.03E-03	1.13E-07	3.57E-01	0.00E+00	3.61E+00	3.20E-07	3.61E+00	3.98E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	7.14E+01
MR316	2.57E-03	4.12E-01	1.49E-02	3.95E-01	0.00E+00	0.00E+00	2.69E+00	5.50E-06	1.16E-03	3.97E-03	0.00E+00	-3.06E-04	4.75E-10	1.40E-08	1.81E-02	6.99E-01	0.00E+00	0.00E+00	2.05E+00	3.90E-03	3.65E+00	0.00E+00	2.95E-08	1.46E-08	1.07E-03	1.16E-07	3.67E-01	0.00E+00	3.65E+00	3.20E-07	3.65E+00	4.01E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.34E+01
MR320	2.83E-03	4.14E-01	1.52E-02	3.99E-01	0.00E+00	0.00E+00	2.72E+00	5.55E-06	1.24E-03	4.00E-03	0.00E+00	-3.02E-04	4.90E-10	1.52E-08	1.81E-02	7.35E-01	0.00E+00	0.00E+00	2.08E+00	3.78E-03	3.69E+00	0.00E+00	2.97E-08	1.50E-08	1.08E-03	1.16E-07	3.72E-01	0.00E+00	3.69E+00	3.22E-07	3.69E+00	4.04E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	7.43E+01
MR325	3.37E-03	4.03E-01	1.67E-02	3.84E-01	0.00E+00	0.00E+00	3.08E+00	6.99E-06	1.72E-03	4.05E-03	0.00E+00	-4.85E-04	5.30E-10	1.99E-08	2.25E-02	9.50E-01	0.00E+00	0.00E+00	2.66E+00	6.28E-03	5.19E+00	0.00E+00	4.13E-08	2.09E-08	1.23E-03	2.00E-07	4.70E-01	0.00E+00	5.19E+00	1.60E-06	5.19E+00	5.68E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.78E+01
MR332	4.33E-03	4.63E-01	2.00E-02	4.39E-01	0.00E+00	0.00E+00	3.27E+00	7.10E-06	2.28E-03	4.24E-03	0.00E+00	-5.28E-04	5.64E-10	2.63E-08	2.29E-02	1.04E+00	0.00E+00	0.00E+00	2.84E+00	7.00E-03	5.34E+00	0.00E+00	4.25E-08	2.20E-08	1.31E-03	2.11E-07	5.01E-01	0.00E+00	5.34E+00	3.60E-07	5.34E+00	5.86E+00	5.01E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MR340	4.44E-03	4.64E-01	2.13E-02	4.37E-01	0.00E+00	0.00E+00	3.28E+00	7.11E-06	2.38E-03	4.25E-03	0.00E+00	-5.42E-04	5.65E-10	2.76E-08	2.29E-02	1.09E+00	0.00E+00	0.00E+00	2.86E+00	7.25E-03	5.35E+00	0.00E+00	4.26E-08	2.24E-08	1.31E-03	2.17E-07	5.03E-01	0.00E+00	5.35E+00	3.59E-07	5.35E+00	5.87E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MS110	6.84E-04	1.25E-01	4.73E-03	1.20E-01	0.00E+00	0.00E+00	8.75E-01	1.98E-06	2.64E-04	1.27E-03	0.00E+00	-1.45E-04	1.60E-10	3.46E-09	5.87E-03	2.30E-01	0.00E+00	0.00E+00	7.09E-01	1.95E-03	1.53E+00	0.00E+00	1.14E-08	5.08E-09	3.46E-04	6.31E-08	1.22E-01	0.00E+00	1.53E+00	4.65E-07	1.53E+00	1.65E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
MS120	9.02E-04	1.28E-01	4.95E-03	1.24E-01	0.00E+00	0.00E+00	9.07E-01	2.03E-06	4.14E-04	1.33E-03	0.00E+00	-1.37E-04	1.68E-10	5.06E-09	5.95E-03	2.79E-01	0.00E+00	0.00E+00	7.50E-01	1.72E-03	1.57E+00	0.00E+00	1.17E-08	5.76E-09	3.81E-04	6.07E-08	1.32E-01	0.00E+00	1.57E+00	4.62E-07	1.57E+00	1.70E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.75E+01
MS232	2.50E-03	3.41E-01	1.15E-02	3.39E-01	0.00E+00	0.00E+00	2.17E+00	4.54E-06	1.07E-03	3.11E-03	0.00E+00	-2.83E-04	3.84E-10	1.27E-08	1.44E-02	6.83E-01	0.00E+00	0.00E+00	1.92E+00	3.61E-03	3.58E+00	0.00E+00	2.80E-08	1.45E-08	9.75E-04	1.02E-07	3.37E-01	0.00E+00	3.58E+00	1.37E-06	3.58E+00	3.87E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.90E+01
MS240	3.19E-03	3.41E-01	1.29E-02	3.39E-01	0.00E+00	0.00E+00	2.15E+00	4.47E-06	1.70E-03	3.12E-03	0.00E+00	-3.68E-04	3.96E-10	1.95E-08	1.44E-02	7.28E-01	0.00E+00	0.00E+00	1.90E+00	4.57E-03	3.58E+00	0.00E+00	2.83E-08	1.51E-08	9.79E-04	1.06E-07	3.35E-01	0.00E+00	3.58E+00	1.29E-06	3.58E+00	3.88E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MS263	3.41E-03	3.41E-01	1.55E-02	3.31E-01	0.00E+00	0.00E+00	2.37E+00	4.67E-06	1.77E-03	3.15E-03	0.00E+00	-5.86E-04	4.18E-10	2.12E-08	1.49E-02	8.13E-01	0.00E+00	0.00E+00	2.13E+00	7.27E-03	3.69E+00	0.00E+00	2.87E-08	1.58E-08	9.85E-04	2.13E-07	3.73E-01	0.00E+00	3.69E+00	1.27E-06	3.69E+00	4.00E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.81E+01
MS310	2.23E-03	4.18E-01	1.42E-02	4.00E-01	0.00E+00	0.00E+00	2.65E+00	5.43E-06	9.42E-04	3.89E-03	0.00E+00	-2.51E-04	4.69E-10	1.17E-08	1.80E-02	6.93E-01	0.00E+00	0.00E+00	2.03E+00	3.23E-03	3.64E+00	0.00E+00	2.92E-08	1.43E-08	1.03E-03	1.16E-07	3.60E-01	0.00E+00	3.64E+00	3.05E-07	3.64E+00	3.98E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	7.19E+01
MS316	2.61E-03	4.18E-01	1.50E-02	4.01E-01	0.00E+00	0.00E+00	2.69E+00	5.50E-06	1.17E-03	3.98E-03	0.00E+00	-3.03E-04	4.78E-10	1.39E-08	1.81E-02	7.50E-01	0.00E+00	0.00E+00	2.05E+00	3.87E-03	3.67E+00	0.00E+00	2.96E-08	1.46E-08	1.07E-03	1.18E-07	3.67E-01	0.00E+00	3.67E+00	3.26E-07	3.67E+00	4.02E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.35E+01
MS320	2.87E-03	4.21E-01	1.53E-02	4.05E-01	0.00E+00	0.00E+00	2.72E+00	5.55E-06	1.25E-03	4.01E-03	0.00E+00	-3.02E-04	4.92E-10	1.53E-08	1.81E-02	7.68E-01	0.00E+00	0.00E+00	2.08E+00	3.82E-03	3.71E+00	0.00E+00	2.97E-08	1.50E-08	1.08E-03	1.18E-07	3.73E-01	0.00E+00	3.71E+00	3.22E-07	3.71E+00	4.05E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.43E+01
MS332	4.33E-03	4.63E-01	2.00E-02	4.39E-01	0.00E+00	0.00E+00	3.27E+00	7.11E-06	2.28E-03	4.24E-03	0.00E+00	-5.28E-04	5.64E-10	2.63E-08	2.29E-02	1.04E+00	0.00E+00	0.00E+00	2.84E+00	7.00E-03	5.34E+00	0.00E+00	4.25E-08	2.20E-08	1.31E-03	2.11E-07	5.01E-01	0.00E+00	5.34E+00	3.60E-07	5.34E+00	5.86E+00	5.01E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MS340	4.44E-03	4.64E-01	2.13E-02	4.37E-01	0.00E+00	0.00E+00	3.28E+00	7.12E-06	2.38E-03	4.25E-03	0.00E+00	-5.42E-04	5.65E-10	2.76E-08	2.29E-02	1.09E+00	0.00E+00	0.00E+00	2.86E+00	7.25E-03	5.35E+00	0.00E+00	4.26E-08	2.24E-08	1.31E-03	2.17E-07	5.04E-01	0.00E+00	5.35E+00	3.59E-07	5.35E+00	5.87E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MT106A	8.48E-04	1.65E-01	4.49E-03	1.60E-01	0.00E+00	0.00E+00	9.29E-01	1.72E-06	4.28E-04	1.45E-03	0.00E+00	-9.06E-05	1.57E-10	5.04E-09	5.97E-03	2.43E-01	0.00E+00	0.00E+00	6.82E-01	1.22E-03	1.22E+00	0.00E+00	1.00E-08	5.04E-09	3.75E-04	4.11E-08	1.24E-01	0.00E+00	1.22E+00	6.42E-07	1.22E+00	1.35E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
MT110A	6.20E-04	1.41E-01	3.86E-03	1.38E-01	0.00E+00	0.00E+00	7.54E-01	1.44E-06	2.59E-04	1.23E-03	0.00E+00	-5.88E-05	1.30E-10	3.34E-09	4.80E-03	1.92E-01	0.00E+00	0.00E+00	5.71E-01	7.45E-04	1.07E+00	0.00E+00	8.62E-09	4.21E-09	3.14E-04	3.00E-08	1.02E-01	0.00E+00	1.07E+00	2.15E-07	1.07E+00	1.17E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.05E+01

MT116A	6.60E-04	1.42E-01	3.86E-03	1.38E-01	0.00E+00	0.00E+00	8.02E-01	1.49E-06	2.75E-04	1.23E-03	0.00E+00	-4.61E-05	1.31E-10	3.52E-09	4.94E-03	2.14E-01	0.00E+00	0.00E+00	6.08E-01	6.37E-04	1.09E+00	0.00E+00	8.87E-09	4.44E-09	3.18E-04	2.61E-08	1.09E-01	0.00E+00	1.09E+00	2.19E-07	1.09E+00	1.20E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
MT120A	6.54E-04	1.41E-01	3.81E-03	1.37E-01	0.00E+00	0.00E+00	8.02E-01	1.49E-06	2.69E-04	1.23E-03	0.00E+00	-4.65E-05	1.34E-10	3.45E-09	5.20E-03	2.15E-01	0.00E+00	0.00E+00	6.09E-01	6.13E-04	1.11E+00	0.00E+00	9.08E-09	4.47E-09	3.17E-04	2.62E-08	1.09E-01	0.00E+00	1.11E+00	2.15E-07	1.11E+00	1.22E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
MT125A	9.98E-04	1.68E-01	5.24E-03	1.63E-01	0.00E+00	0.00E+00	9.97E-01	1.89E-06	4.73E-04	1.49E-03	0.00E+00	-7.40E-05	1.83E-10	5.72E-09	6.18E-03	2.75E-01	0.00E+00	0.00E+00	7.90E-01	1.02E-03	1.34E+00	0.00E+00	1.07E-08	5.44E-09	4.10E-04	3.81E-08	1.39E-01	0.00E+00	1.34E+00	2.53E-07	1.34E+00	1.48E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MT132A	1.47E-03	1.48E-01	7.56E-03	1.47E-01	0.00E+00	0.00E+00	1.11E+00	2.57E-06	7.93E-04	1.45E-03	0.00E+00	-2.69E-04	1.97E-10	9.14E-09	7.83E-03	3.66E-01	0.00E+00	0.00E+00	9.83E-01	3.68E-03	1.99E+00	0.00E+00	1.52E-08	7.80E-09	4.59E-04	1.01E-07	1.71E-01	0.00E+00	1.99E+00	5.76E-07	1.99E+00	2.16E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.59E+01
MT140A	1.54E-03	1.71E-01	7.55E-03	1.66E-01	0.00E+00	0.00E+00	1.11E+00	2.58E-06	8.34E-04	1.54E-03	0.00E+00	-2.87E-04	1.97E-10	9.69E-09	7.82E-03	3.66E-01	0.00E+00	0.00E+00	9.82E-01	3.90E-03	1.99E+00	0.00E+00	1.52E-08	7.78E-09	4.60E-04	1.09E-07	1.71E-01	0.00E+00	1.99E+00	5.75E-07	1.99E+00	2.16E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.58E+01
MT150A	1.82E-03	2.07E-01	6.81E-03	1.99E-01	0.00E+00	0.00E+00	1.18E+00	2.18E-06	1.04E-03	1.83E-03	0.00E+00	-1.07E-04	2.25E-10	1.15E-08	7.31E-03	3.98E-01	0.00E+00	0.00E+00	1.03E+00	1.49E-03	1.62E+00	0.00E+00	1.32E-08	7.14E-09	5.42E-04	4.79E-08	1.81E-01	0.00E+00	1.62E+00	2.42E-07	1.62E+00	1.80E+00	1.81E-01	0.00E+00	0.00E+00	0.00E+00	3.78E+01
MT163A	1.76E-03	1.74E-01	7.85E-03	1.70E-01	0.00E+00	0.00E+00	1.21E+00	2.61E-06	1.01E-03	1.58E-03	0.00E+00	-3.37E-04	2.31E-10	1.12E-08	7.96E-03	4.00E-01	0.00E+00	0.00E+00	1.06E+00	4.39E-03	2.00E+00	0.00E+00	1.55E-08	7.91E-09	5.30E-04	1.15E-07	1.84E-01	0.00E+00	2.00E+00	5.76E-07	2.00E+00	2.18E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
MT206A	1.24E-03	3.19E-01	9.96E-03	3.09E-01	0.00E+00	0.00E+00	1.76E+00	3.38E-06	5.34E-04	2.75E-03	0.00E+00	-1.60E-04	3.39E-10	6.68E-09	1.15E-02	4.96E-01	0.00E+00	0.00E+00	1.36E+00	2.20E-03	2.45E+00	0.00E+00	1.95E-08	9.54E-09	7.51E-04	7.89E-08	2.43E-01	0.00E+00	2.45E+00	6.71E-07	2.45E+00	2.66E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.91E+01
MT210A	1.41E-03	3.22E-01	9.70E-03	3.12E-01	0.00E+00	0.00E+00	1.80E+00	3.49E-06	6.76E-04	2.81E-03	0.00E+00	-1.62E-04	3.39E-10	8.19E-09	1.17E-02	4.96E-01	0.00E+00	0.00E+00	1.38E+00	2.24E-03	2.53E+00	0.00E+00	1.98E-08	9.66E-09	7.48E-04	7.95E-08	2.46E-01	0.00E+00	2.53E+00	7.21E-07	2.53E+00	2.73E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	4.98E+01
MT216A	1.60E-03	3.23E-01	9.28E-03	3.12E-01	0.00E+00	0.00E+00	1.83E+00	3.55E-06	7.55E-04	2.83E-03	0.00E+00	-1.57E-04	3.39E-10	9.23E-09	1.20E-02	4.96E-01	0.00E+00	0.00E+00	1.41E+00	2.12E-03	2.56E+00	0.00E+00	2.01E-08	9.93E-09	7.49E-04	7.43E-08	2.48E-01	0.00E+00	2.56E+00	7.22E-07	2.56E+00	2.77E+00	2.48E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
MT220A	1.69E-03	3.25E-01	9.37E-03	3.15E-01	0.00E+00	0.00E+00	1.86E+00	3.59E-06	8.42E-04	2.83E-03	0.00E+00	-1.64E-04	3.46E-10	1.00E-08	1.21E-02	5.02E-01	0.00E+00	0.00E+00	1.45E+00	2.26E-03	2.58E+00	0.00E+00	2.03E-08	1.00E-08	7.50E-04	8.17E-08	2.54E-01	0.00E+00	2.58E+00	7.17E-07	2.58E+00	2.80E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.22E+01
MT225A	2.19E-03	2.77E-01	1.10E-02	2.63E-01	0.00E+00	0.00E+00	2.04E+00	4.49E-06	9.70E-04	2.65E-03	0.00E+00	-2.39E-04	3.54E-10	1.18E-08	1.47E-02	6.34E-01	0.00E+00	0.00E+00	1.80E+00	3.29E-03	3.56E+00	0.00E+00	2.80E-08	1.40E-08	8.05E-04	9.54E-08	3.17E-01	0.00E+00	3.56E+00	5.46E-07	3.56E+00	3.87E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
MT232A	2.75E-03	3.96E-01	1.18E-02	3.86E-01	0.00E+00	0.00E+00	2.18E+00	4.16E-06	1.44E-03	3.53E-03	0.00E+00	-1.86E-04	4.08E-10	1.56E-08	1.38E-02	6.77E-01	0.00E+00	0.00E+00	1.91E+00	2.57E-03	3.13E+00	0.00E+00	2.50E-08	1.34E-08	9.93E-04	9.21E-08	3.35E-01	0.00E+00	3.13E+00	6.74E-07	3.13E+00	3.43E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.86E+01
MT240A	3.17E-03	3.41E-01	1.29E-02	3.32E-01	0.00E+00	0.00E+00	2.14E+00	4.66E-06	1.67E-03	3.04E-03	0.00E+00	-3.20E-04	3.89E-10	1.96E-08	1.53E-02	7.30E-01	0.00E+00	0.00E+00	1.90E+00	4.14E-03	3.77E+00	0.00E+00	2.96E-08	1.52E-08	9.44E-04	1.03E-07	3.35E-01	0.00E+00	3.77E+00	1.19E-06	3.77E+00	4.07E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.97E+01
MT250A	3.50E-03	4.11E-01	1.39E-02	3.94E-01	0.00E+00	0.00E+00	2.41E+00	4.47E-06	1.79E-03	3.65E-03	0.00E+00	-2.29E-04	4.38E-10	2.07E-08	1.49E-02	7.90E-01	0.00E+00	0.00E+00	2.04E+00	3.08E-03	3.27E+00	0.00E+00	2.63E-08	1.40E-08	1.04E-03	1.02E-07	3.57E-01	0.00E+00	3.27E+00	7.12E-07	3.27E+00	3.60E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	7.41E+01
MT263A	3.39E-03	3.40E-01	1.56E-02	3.28E-01	0.00E+00	0.00E+00	2.37E+00	4.94E-06	1.82E-03	3.08E-03	0.00E+00	-5.08E-04	4.13E-10	2.12E-08	1.57E-02	8.15E-01	0.00E+00	0.00E+00	2.13E+00	6.49E-03	3.95E+00	0.00E+00	3.05E-08	1.60E-08	9.52E-04	2.07E-07	3.73E-01	0.00E+00	3.95E+00	1.16E-06	3.95E+00	4.26E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.82E+01
MT306A	2.20E-03	4.69E-01	1.36E-02	4.58E-01	0.00E+00	0.00E+00	2.63E+00	5.03E-06	7.82E-04	4.14E-03	0.00E+00	-2.27E-04	4.74E-10	1.02E-08	1.72E-02	6.74E-01	0.00E+00	0.00E+00	1.98E+00	3.16E-03	3.61E+00	0.00E+00	2.90E-08	1.42E-08	1.12E-03	1.15E-07	3.52E-01	0.00E+00	3.61E+00	7.16E-07	3.61E+00	3.97E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	7.08E+01
MT310A	2.15E-03	4.74E-01	1.29E-02	4.63E-01	0.00E+00	0.00E+00	2.67E+00	5.00E-06	8.75E-04	4.21E-03	0.00E+00	-2.21E-04	4.78E-10	1.10E-08	1.76E-02	6.76E-01	0.00E+00	0.00E+00	2.01E+00	3.01E-03	3.72E+00	0.00E+00	2.97E-08	1.43E-08	1.09E-03	1.11E-07	3.58E-01	0.00E+00	3.72E+00	7.39E-07	3.72E+00	4.08E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	7.21E+01
MT316A	2.45E-03	4.90E-01	1.37E-02	4.77E-01	0.00E+00	0.00E+00	2.73E+00	5.06E-06	1.14E-03	4.27E-03	0.00E+00	-2.29E-04	4.90E-10	1.37E-08	1.80E-02	7.53E-01	0.00E+00	0.00E+00	2.06E+00	3.07E-03	3.77E+00	0.00E+00	3.02E-08	1.47E-08	1.13E-03	1.13E-07	3.66E-01	0.00E+00	3.77E+00	7.36E-07	3.77E+00	4.13E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
MT320A	2.56E-03	4.93E-01	1.41E-02	4.80E-01	0.00E+00	0.00E+00	2.82E+00	5.33E-06	1.19E-03	4.29E-03	0.00E+00	-2.44E-04	5.16E-10	1.42E-08	1.85E-02	7.57E-01	0.00E+00	0.00E+00	2.18E+00	3.23E-03	3.84E+00	0.00E+00	3.07E-08	1.52E-08	1.14E-03	1.20E-07	3.84E-01	0.00E+00	3.84E+00	7.32E-07	3.84E+00	4.24E+00	3.84E-01	0.00E+00	0.00E+00	0.00E+00	7.81E+01
MT325A	2.94E-03	5.02E-01	1.59E-02	4.83E-01	0.00E+00	0.00E+00	2.97E+00	5.51E-06	1.51E-03	4.41E-03	0.00E+00	-2.27E-04	5.41E-10	1.75E-08	1.90E-02	8.12E-01	0.00E+00	0.00E+00	2.33E+00	2.98E-03	3.98E+00	0.00E+00	3.22E-08	1.64E-08	1.19E-03	1.16E-07	4.12E-01	0.00E+00	3.98E+00	2.76E-07	3.98E+00	4.42E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.39E+01
MT332A	4.66E-03	5.92E-01	1.84E-02	5.74E-01	0.00E+00	0.00E+00	3.40E+00	6.09E-06	2.64E-03	5.26E-03	0.00E+00	-2.50E-04	6.30E-10	2.89E-08	2.19E-02	1.05E+00	0.00E+00	0.00E+00	2.73E+00	3.39E-03	4.44E+00	0.00E+00	3.64E-08	1.98E-08	1.49E-03	1.41E-07	4.90E-01	0.00E+00	4.44E+00	6.85E-07	4.44E+00	4.92E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	9.98E+01
MT340A	4.48E-03	4.81E-01	2.07E-02	4.62E-01	0.00E+00	0.00E+00	3.30E+00	7.23E-06	2.39E-03	4.50E-03	0.00E+00	-5.60E-04	5.75E-10	2.78E-08	2.35E-02	1.10E+00	0.00E+00	0.00E+00	2.90E+00	8.01E-03	5.39E+00	0.00E+00	4.29E-08	2.26E-08	1.32E-03	2.17E-07	5.09E-01	0.00E+00	5.39E+00	1.60E-06	5.39E+00	5.92E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MT350A	5.74E-03	6.10E-01	2.16E-02	5.89E-01	0.00E+00	0.00E+00	3.62E+00	6.58E-06	3.42E-03	5.48E-03	0.00E+00	-3.85E-04	6.85E-10	3.74E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	5.06E-03	4.88E+00	0.00E+00	3.96E-08	2.19E-08	1.60E-03	1.67E-07	5.53E-01	0.00E+00	4.88E+00	7.33E-07	4.88E+00	5.45E+00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MT363A	4.94E-03	4.68E-01	2.54E-02	4.37E-01	0.00E+00	0.00E+00	3.59E+00	7.73E-06	2.82E-03	4.54E-03	0.00E+00	-1.03E-03	6.18E-10	3.16E-08	2.47E-02	1.22E+00	0.00E+00	0.00E+00	3.21E+00	1.38E-02	5.72E+00	0.00E+00	4.48E-08	2.32E-08	1.40E-03	3.86E-07	5.63E-01	0.00E+00	5.72E+00	1.56E-06	5.72E+00	6.21E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MTN106	6.69E-04	1.48E-01	4.10E-03	1.44E-01	0.00E+00	0.00E+00	8.32E-01	1.60E-06	2.80E-04	1.30E-03	0.00E+00	-7.26E-05	1.48E-10	3.50E-09	5.43E-03	2.15E-01	0.00E+00	0.00E+00	6.37E-01	9.75E-04	1.18E+00	0.00E+00	9.43E-09	4.59E-09	3.40E-04	3.52E-08	1.12E-01	0.00E+00	1.18E+00	2.53E-07	1.18E+00	1.29E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.27E+01
MTN110	5.87E-04	1.43E-01	4.05E-03	1.39E-01	0.00E+00	0.00E+00	7.13E-01	1.38E-06	2.34E-04	1.24E-03	0.00E+00	-1.20E-04	1.27E-10	2.86E-09	4.66E-03	1.86E-01	0.00E+00	0.00E+00	5.56E-01	1.60E-03	1.05E+00	0.00E+00	8.56E-09	4.17E-09	3.19E-04	4.94E-08	9.84E-02	0.00E+00	1.05E+00	2.31E-07	1.05E+00	1.15E+00	9.84E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
MTN116	6.38E-04	1.42E-01	3.93E-03	1.38E-01	0.00E+00	0.00E+00	7.18E-01	1.37E-06	2.79E-04	1.23E-03	0.00E+00	-4.90E-05	1.23E-10	3.40E-09	4.64E-03	1.90E-01	0.00E+00	0.00E+00	5.51E-01	6.88E-04	1.04E+00	0.00E+00	8.47E-09	4.15E-09	3.16E-04	2.74E-08	9.80E-02	0.00E+00	1.04E+00	2.18E-07	1.04E+00	1.14E+00	9.80E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
MTN120	6.13E-04	1.43E-01	4.09E-03	1.39E-01	0.00E+00	0.00E+00	7.19E-01	1.38E-06	2.55E-04	1.24E-03	0.00E+00	-1.20E-04	1.26E-10	3.08E-09	4.67E-03	1.89E-01	0.00E+00	0.00E+00	5.57E-01	1.60E-03	1.06E+00	0.00E+00	8.58E-09	4.19E-09	3.21E-04	4.94E-08	9.90E-02	0.00E+00	1.06E+00	2.25E-07	1.06E+00	1.15E+00	9.90E-02	0.00E+00	0.00E+00	0.00E+00	1.99E+01
MTN125	9.63E-04	1.57E-01	4.81E-03	1.53E-01	0.00E+00	0.00E+00	9.47E-01	1.82E-06	4.86E-04	1.40E-03	0.00E+00	-7.26E-05	1.78E-10	5.72E-09	5.94E-03	2.66E-01	0.00E+00	0.00E+00	7.60E-01	9.75E-04	1.30E+00	0.00E+00	1.04E-08	5.29E-09	3.82E-04	3.62E-08	1.33E-01	0.00E+00	1.30E+00	2.66E-07	1.30E+00	1.43E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.75E+01
MTN132	1.62E-03	1.92E-01	6.07E-03	1.87E-01	0.00E+00	0.00E+00	1.08E+00	1.96E-06	9.52E-04	1.71E-03	0.00E+00	-7.66E-05	2.06E-10	1.04E-08	6.68E-03	3.55E-01	0.00E+00	0.00E+00	9.21E-01	1.03E-03	1.51E+00	0.00E+00	1.24E-08	6.69E-09	4.95E-04	3.92E-08	1.63E-01	0.00E+00	1.51E+00	2.55E-07	1.51E+00	1.67E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
MTN140	2.42E-03	2.02E-01	6.46E-03	1.95E-01	0.00E+00	0.00E+00	1.05E+00	1.90E-06	9.56E-04	1.78E-03	0.00E+00	-1.34E-04	2.04E-10	1.04E-08	6.56E-03	3.53E-01	0.00E+00	0.00E+00	8.97E-01	1.79E-03	1.47E+00	0.00E+00	1.21E-08	6.54E-09	4.98E-04	5.76E-08	1.60E-01	0.00E+00	1.47E+00	2.18E-07	1.47E+00	1.63E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.28E+01
MTN150	1.91E-03	2.05E-01	7.13E-03	1.99E-01	0.00E+00	0.00E+00	1.21E+00	2.24E-06	1.13E-03	1.83E-03	0.00E+00	-1.12E-04	2.31E-10	1.22E-08	7.30E-03	4.11E-01	0.00E+00	0.00E+00	1.04E+00	1.51E-03	1.65E+00	0.00E+00	1.33E-08	7.31E-09	5.34E-04	5.13E-08	1.84E-01	0.00E+00	1.65E+00	2.64E-07	1.65E+00	1.83E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.87E+01
MTN163	1.94E-03	2.07E-01	7.17E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.27E-06	1.19E-03	1.86E-03	0.00E+00	-1.13E-04	2.40E-10	1.28E-08	7.33E-03	4.12E-01	0.00E+00	0.00E+00	1.07E+00	1.55E-03	1.67E+00	0.00E+00	1.34E-08	7.42E-09	5.37E-04	5.13E-08	1.87E-01	0.00E+00	1.67E+00	2.69E-07	1.67E+00	1.85E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	3.93E+01
MU102A	1.03E-03	1.67E-01	7.37E-03	1.65E-01	0.00E+00	0.00E+00	1.06E+00	2.57E-06	4.36E-04	1.51E-03	0.00E+00	-3.33E-04	1.90E-10	5.57E-09	7.81E-03	2.96E-01	0.00E+00	0.00E+00	8.90E-01	4.41E-03	1.98E+00	0.00E+00	1.50E-08	7.59E-09	4.23E-04	1.16E-07	1.53E-01	0.00E+00	1.98E+00	5.95E-07	1.98E+00	2.15E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
MU104A	9.92E-04	1.48E-01	7.38E-03	1.47E-01	0.00E+00	0.00E+00	1.05E+00	2.57E-06	4.36E-04	1.44E-03	0.00E+00	-3.31E-04	1.89E-10	5.43E-09	7.81E-03	2.94E-01	0.00E+00	0.00E+00	8.83E-01	4.41E-03	1.98E+00	0.00E+00	1.50E-08	7.59E-09	4.24E-04	1.16E-07	1.52E-01	0.00E+00	1.98E+00	5.96E-07	1.98E+00	2.15E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.14E+01
MU106A	8.40E-04	1.65E-01	4.48E-03	1.60E-01	0.00E+00	0.00E+00	9.29E-01	1.72E-06	4.12E-04	1.45E-03	0.00E+00	-9.00E-05	1.57E-10	4.94E-09	5.97E-03	2.44E-01	0.00E+00	0.00E+00	6.81E-01	1.22E-03	1.22E+00	0.00E+00	1.00E-08	5.04E-09	3.73E-04	4.11E-08	1.24E-01	0.00E+00	1.22E+00	6.42E-07	1.22E+00	1.35E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.43E+01
MU110A	8.28E-04	1.65E-01	4.53E-03	1.60E-01	0.00E+00	0.00E+00	9.53E-01	1.80E-06	3.91E-04	1.46E-03	0.00E+00	-8.22E-05	1.64E-10	4.70E-09	6.03E-03	2.45E-01	0.00E+00	0.00E+00	7.08E-01	1.10E-03	1.24E+00	0.00E+00	1.02E-08	5.10E-09	3.77E-04	3.82E-08	1.28E-01	0.00E+00	1.24E+00	6.67E-07	1.24E+00	1.38E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.56E+01
MU116A	8.35E-04	1.66E-01	4.57E-03	1.62E-01	0.00E+00	0.00E+00	9.84E-01	1.84E-06	3.86E-04	1.48E-03	0.00E+00	-7.82E-05	1.69E-10	4.73E-09	6.19E-03	2.48E-01	0.00E+00	0.00E+00	7.28E-01	1.07E-03	1.28E+00	0.00E+00	1.04E-08	5.15E-09	3.81E-04	3.81E-08	1.31E-01	0.00E+00	1.28E+00	6.52E-07	1.28E+00	1.41E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MU120A	8.73E-04	1.68E-01	4.83E-03	1.62E-01	0.00E+00	0.00E+00	1.00E+00	1.84E-06	4.25E-04	1.51E-03	0.00E+00	-7.56E-05	1.74E-10	5.33E-09	6.31E-03	2.59E-01	0.00E+00	0.00E+00	7.49E-01	1.00E-03	1.30E+00	0.00E+00	1.06E-08	5.28E-09	3.93E-04	3.76E-08	1.34E-01	0.00E+00	1.30E+00	2.59E-07	1.30E+00	1.44E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
MU125A	1.01E-03	1.41E-01	7.00E-03	1.39E-01	0.00E+00	0.00E+00	1.04E+00	2.44E-06	4.51E-04	1.39E-03	0.00E+00	-2.08E-04	1.85E-10	5.70E-09	7.62E-03	3.18E-01	0.00E+00	0.00E+00	9.00E-01	2.89E-03	1.91E+00	0.00E+00	1.47E-08	7.35E-09	4.20E-04	8.07E-08	1.55E-01	0.00E+00	1.91E+00	5.97E-07	1.91E+00	2.07E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
MU132A	1.46E-03	1.49E-01	7.56E-03	1.47E-01	0.00E+00	0.00E+00	1.11E+00	2.58E-06	7.92E-04	1.45E-03	0.00E+00	-2.69E-04	1.97E-10	9.08E-09	7.83E-03	3.65E-01	0.00E+00	0.00E+00	9.81E-01	3.67E-03	1.99E+00	0.00E+00	1.52E-08	7.79E-09	4.58E-04	1.01E-07	1.71E-01	0.00E+00	1.99E+00	5.74E-07	1.99E+00	2.16E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.58E+01
MU140A	1.54E-03	1.71E-01	7.49E-03	1.66E-01	0.00E+00	0.00E+00	1.11E+00	2.58E-06	8.34E-04	1.55E-03	0.00E+00	-2.81E-04	1.97E-10	9.63E-09	7.82E-03	3.65E-01	0.00E+00	0.00E+00	9.78E-01	3.79E-03	1.99E+00	0.00E+00	1.52E-08	7.78E-09	4.60E-04	1.09E-07	1.70E-01	0.00E+00	1.99E+00	5.73E-07	1.99E+00	2.16E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
MU150A	1.65E-03	1.73E-01	7.65E-03	1.70E-01	0.00E+00	0.00E+00	1.17E+00	2.55E-06	8.87E-04	1.57E-03	0.00E+00	-3.01E-04	2.04E-10	1.04E-08	7.74E-03	3.90E-01	0.00E+00	0.00E+00	1.02E+00	3.84E-03	1.95E+00	0.00E+00	1.53E-08	7.90E-09	4.75E-04	8.84E-08	1.80E-01	0.00E+00	1.95E+00	5.39E-07	1.95E+00	2.15E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.72E+01
MU163A	1.76E-03	1.74E-01	7.84E-03	1.70E-01	0.00E+00	0.00E+00	1.21E+00	2.61E-06	1.01E-03	1.58E-03	0.00E+00	-3.37E-04	2.31E-10	1.12E-08	7.96E-03	4.00E-01	0.00E+00	0.00E+00	1.05E+00	4.39E-03	2.00E+00	0.00E+00	1.55E-08	7.91E-09	5.30E-04	1.14E-07	1.84E-01	0.00E+00	2.00E+00	5.76E-07	2.00E+00	2.18E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
MU202A	2.18E-03	3.40E-01	1.14E-02	3.38E-01	0.00E+00	0.00E+00	2.11E+00	4.48E-06	4.83E-04	3.06E-03	0.00E+00	-3.60E-04	3.72E-10	7.18E-09	1.46E-02	6.34E-01	0.00E+00	0.00E+00	1.84E+00	4.84E-03	3.57E+00	0.00E+00	2.81E-08	1.43E-08	9.30E-04	1.30E-07	3.25E-01	0.00E+00	3.57E+00	1.18E-06	3.57E+00	3.85E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
MU206A	1.24E-03	2.89E-01	1.21E-02	2.78E-01	0.00E+00	0.00E+00	1.91E+00	3.86E-06	4.56E-04	2.64E-03	0.00E+00	-2.32E-04	3.57E-10	5.95E-09	1.20E-02	5.50E-01	0.00E+00	0.00E+00	1.48E+00	3.21E-03	2.75E+00	0.00E+00	2.11E-08	1.02E-08	8.02E-04	1.09E-07	2.58E-01	0.00E+00	2.75E+00	5.55E-07	2.75E+00	2.98E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
MU210A	1.40E-03	3.23E-01	9.65E-03	3.10E-01	0.00E+00	0.00E+00	1.76E+00	3.36E-06	6.54E-04	2.78E-03	0.00E+00	-1.54E-04	3.29E-10	7.94E-09	1.16E-02	4.94E-01	0.00E+00	0.00E+00	1.38E+00	2.07E-03	2.48E+00	0.00E+00	1.97E-08	9.59E-09	7.44E-04	7.81E-08	2.42E-01	0.00E+00	2.48E+00	4.58E-07	2.48E+00	2.70E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MU216A	1.57E-03	3.25E-01	9.22E-03	3.11E-01	0.00E+00	0.00E+00	1.79E+00	3.40E-06	7.24E-04	2.80E-03	0.00E+00	-1.49E-04	3.29E-10	8.82E-09	1.18E-02	4.92E-01	0.00E+00	0.00E+00	1.40E+00	1.98E-03	2.50E+00	0.00E+00	2.00E-08	9.82E-09	7.44E-04	7.22E-08	2.45E-01	0.00E+00	2.50E+00	4.52E-07	2.50E+00	2.73E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.02E+01
MU220A	1.72E-03	3.24E-01	9.32E-03	3.14E-01	0.00E+00	0.00E+00	1.84E+00	3.49E-06	8.16E-04	2.82E-03	0.00E+00	-1.65E-04	3.37E-10	9.79E-09	1.19E-02	5.05E-01	0.00E+00	0.00E+00	1.44E+00	2.20E-03	2.55E+00	0.00E+00	2.02E-08	1.00E-08	7.51E-04	7.72E-08	2.54E-01	0.00E+00	2.55E+00	7.29E-07	2.55E+00	2.78E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.16E+01
MU225A	2.21E-03	3.42E-01	1.10E-02	3.39E-01	0.00E+00	0.00E+00	2.12E+00	4.45E-06	9.47E-04	3.08E-03	0.00E+00	-2.45E-04	3.73E-10	1.18E-08	1.43E-02	6.48E-01	0.00E+00	0.00E+00	1.82E+00	3.36E-03	3.56E+00	0.00E+00	2.80E-08	1.44E-08	9.31E-04	9.49E-08	3.23E-01	0.00E+00	3.56E+00	1.20E-06	3.56E+00	3.82E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.63E+01
MU232A	2.62E-03	3.97E-01	1.17E-02	3.87E-01	0.00E+00	0.00E+00	2.18E+00	3.98E-06	1.34E-03	3.53E-03	0.00E+00	-1.99E-04	3.99E-10	1.41E-08	1.37E-02	6.53E-01	0.00E+00	0.00E+00	1.85E+00	2.77E-03	3.04E+00	0.00E+00	2.47E-08	1.27E-08	9.81E-04	9.41E-08	3.24E-01	0.00E+00	3.04E+00	6.88E-07	3.04E+00	3.36E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.67E+01
MU240A	3.24E-03	3.95E-01	1.28E-02	3.81E-01	0.00E+00	0.00E+00	2.15E+00	3.95E-06	1.91E-03	3.49E-03	0.00E+00	-2.43E-04	4.12E-10	2.09E-08	1.36E-02	7.19E-01	0.00E+00	0.00E+00	1.85E+00	3.20E-03	3.02E+00	0.00E+00	2.44E-08	1.32E-08	9.83E-04	1.08E-07	3.26E-01	0.00E+00	3.02E+00	6.78E-07	3.02E+00	3.34E+00	3.26E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MU250A	2.96E-03	3.37E-01	1.48E-02	3.26E-01	0.00E+00	0.00E+00	2.37E+00	4.85E-06	1.26E-03	3.07E-03	0.00E+00	-4.71E-04	4.00E-10	1.52E-08	1.56E-02	7.75E-01	0.00E+00	0.00E+00	2.06E+00	6.03E-03	3.90E+00	0.00E+00	2.98E-08	1.50E-08	9.51E-04	1.99E-07	3.61E-01	0.00E+00	3.90E+00	1.15E-06	3.90E+00	4.19E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.47E+01
MU263A	3.39E-03	3.38E-01	1.56E-02	3.26E-01	0.00E+00	0.00E+00	2.37E+00	4.95E-06	1.78E-03	3.08E-03	0.00E+00	-5.15E-04	4.14E-10	2.11E-08	1.57E-02	8.15E-01	0.00E+00	0.00E+00	2.13E+00	6.65E-03	3.96E+00	0.00E+00	3.05E-08	1.60E-08	9.52E-04	2.09E-07	3.73E-01	0.00E+00	3.96E+00	1.16E-06	3.96E+00	4.27E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.83E+01
MU302A	2.88E-03	4.90E-01	1.63E-02	4.74E-01	0.00E+00	0.00E+00	3.09E+00	6.50E-06	1.09E-03	4.53E-03	0.00E+00	-4.34E-04	5.60E-10	1.36E-08	2.18E-02	8.62E-01	0.00E+00	0.00E+00	2.43E+00	5.69E-03	5.29E+00	0.00E+00	4.13E-08	1.98E-08	1.34E-03	1.79E-07	4.31E-01	0.00E+00	5.29E+00	1.62E-06	5.29E+00	5.74E+00	4.31E-01	0.00E+00	0.00E+00	0.00E+00	8.74E+01
MU306A	2.18E-03	4.69E-01	1.36E-02	4.58E-01	0.00E+00	0.00E+00	2.63E+00	5.01E-06	7.84E-04	4.14E-03	0.00E+00	-2.24E-04	4.73E-10	1.01E-08	1.72E-02	6.73E-01	0.00E+00	0.00E+00	1.98E+00	3.07E-03	3.61E+00	0.00E+00	2.90E-08	1.42E-08	1.11E-03	1.15E-07	3.52E-01	0.00E+00	3.61E+00	7.19E-07	3.61E+00	3.96E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	7.06E+01
MU310A	2.21E-03	4.75E-01	1.36E-02	4.63E-01	0.00E+00	0.00E+00	2.70E+00	5.15E-06	8.78E-04	4.22E-03	0.00E+00	-2.21E-04	4.86E-10	1.11E-08	1.77E-02	6.82E-01	0.00E+00	0.00E+00	2.03E+00	3.00E-03	3.73E+00	0.00E+00	2.98E-08	1.45E-08	1.12E-03	1.11E-07	3.60E-01	0.00E+00	3.73E+00	7.45E-07	3.73E+00	4.08E+00	3.60E-01	0.00E+00	0.00E+00	0.00E+00	7.27E+01
MU316A	2.46E-03	4.90E-01	1.37E-02	4.76E-01	0.00E+00	0.00E+00	2.73E+00	5.06E-06	1.13E-03	4.27E-03	0.00E+00	-2.21E-04	4.91E-10	1.36E-08	1.79E-02	7.52E-01	0.00E+00	0.00E+00	2.06E+00	2.94E-03	3.78E+00	0.00E+00	3.03E-08	1.48E-08	1.13E-03	1.12E-07	3.67E-01	0.00E+00	3.78E+00	7.54E-07	3.78E+00	4.13E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
MU320A	2.55E-03	4.92E-01	1.40E-02	4.77E-01	0.00E+00	0.00E+00	2.81E+00	5.28E-06	1.19E-03	4.30E-03	0.00E+00	-2.29E-04	5.13E-10	1.43E-08	1.82E-02	7.56E-01	0.00E+00	0.00E+00	2.17E+00	3.07E-03	3.81E+00	0.00E+00	3.06E-08	1.52E-08	1.13E-03	1.13E-07	3.83E-01	0.00E+00	3.81E+00	7.31E-07	3.81E+00	4.20E+00	3.83E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
MU325A	3.32E-03	4.92E-01	1.82E-02	4.73E-01	0.00E+00	0.00E+00	3.15E+00	7.02E-06	1.71E-03	4.52E-03	0.00E+00	-4.42E-04	5.55E-10	1.96E-08	2.32E-02	9.62E-01	0.00E+00	0.00E+00	2.72E+00	5.94E-03	5.25E+00	0.00E+00	4.18E-08	2.12E-08	1.29E-03	1.80E-07	4.81E-01	0.00E+00	5.25E+00	1.62E-06	5.25E+00	5.74E+00	4.81E-01	0.00E+00	0.00E+00	0.00E+00	9.86E+01
MU332A	4.61E-03	5.92E-01	1.83E-02	5.72E-01	0.00E+00	0.00E+00	3.19E+00	5.78E-06	2.62E-03	5.24E-03	0.00E+00	-2.45E-04	6.15E-10	2.86E-08	2.06E-02	1.05E+00	0.00E+00	0.00E+00	2.73E+00	3.30E-03	4.41E+00	0.00E+00	3.62E-08	1.96E-08	1.48E-03	1.37E-07	4.86E-01	0.00E+00	4.41E+00	7.07E-07	4.41E+00	4.89E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	9.99E+01
MU340A	4.48E-03	4.81E-01	2.07E-02	4.62E-01	0.00E+00	0.00E+00	3.30E+00	7.23E-06	2.39E-03	4.50E-03	0.00E+00	-5.63E-04	5.75E-10	2.78E-08	2.35E-02	1.10E+00	0.00E+00	0.00E+00	2.90E+00	7.95E-03	5.40E+00	0.00E+00	4.29E-08	2.26E-08	1.33E-03	2.17E-07	5.09E-01	0.00E+00	5.40E+00	1.60E-06	5.40E+00	5.93E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MU350A	4.91E-03	4.64E-01	2.51E-02	4.39E-01	0.00E+00	0.00E+00	3.61E+00	7.57E-06	2.80E-03	4.48E-03	0.00E+00	-1.02E-03	6.11E-10	3.14E-08	2.42E-02	1.22E+00	0.00E+00	0.00E+00	3.18E+00	1.38E-02	5.61E+00	0.00E+00	4.41E-08	2.30E-08	1.40E-03	3.80E-07	5.59E-01	0.00E+00	5.61E+00	1.56E-06	5.61E+00	6.10E+00	5.59E-01	0.00E+00	0.00E+00	0.00E+00	1.16E+02
MU363A	4.94E-03	4.42E-01	2.56E-02	4.17E-01	0.00E+00	0.00E+00	3.59E+00	7.81E-06	2.82E-03	4.38E-03	0.00E+00	-1.08E-03	6.18E-10	3.16E-08	2.47E-02	1.22E+00	0.00E+00	0.00E+00	3.21E+00	1.45E-02	5.78E+00	0.00E+00	4.51E-08	2.37E-08	1.40E-03	3.95E-07	5.63E-01	0.00E+00	5.78E+00	1.69E-06	5.78E+00	6.36E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MU406A	2.87E-03	6.20E-01	1.78E-02	6.01E-01	0.00E+00	0.00E+00	3.44E+00	6.64E-06	9.92E-04	5.33E-03	0.00E+00	-3.12E-04	6.04E-10	1.33E-08	2.23E-02	8.84E-01	0.00E+00	0.00E+00	2.59E+00	4.23E-03	4.81E+00	0.00E+00	3.80E-08	1.88E-08	1.43E-03	1.64E-07	4.62E-01	0.00E+00	4.81E+00	8.90E-07	4.81E+00	5.18E+00	4.62E-01	0.00E+00	0.00E+00	0.00E+00	9.43E+01
MU410A	2.93E-03	6.21E-01	1.79E-02	6.01E-01	0.00E+00	0.00E+00	3.50E+00	6.76E-06	1.23E-03	5.37E-03	0.00E+00	-3.25E-04	6.21E-10	1.53E-08	2.29E-02	8.98E-01	0.00E+00	0.00E+00	2.63E+00	4.34E-03	4.83E+00	0.00E+00	3.82E-08	1.89E-08	1.45E-03	1.78E-07	4.70E-01	0.00E+00	4.83E+00	9.07E-07	4.83E+00	5.23E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.52E+01
MU416A	3.18E-03	6.24E-01	1.91E-02	6.03E-01	0.00E+00	0.00E+00	3.64E+00	6.91E-06	1.48E-03	5.43E-03	0.00E+00	-3.22E-04	6.45E-10	1.78E-08	2.31E-02	9.70E-01	0.00E+00	0.00E+00	2.82E+00	4.32E-03	4.97E+00	0.00E+00	3.91E-08	1.99E-08	1.46E-03	1.76E-07	4.97E-01	0.00E+00	4.97E+00	9.05E-07	4.97E+00	5.39E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	9.94E+01
MU420A	3.26E-03	6.29E-01	2.14E-02	6.08E-01	0.00E+00	0.00E+00	3.77E+00	6.95E-06	1.56E-03	5.49E-03	0.00E+00	-3.21E-04	6.74E-10	1.85E-08	2.38E-02	9.95E-01	0.00E+00	0.00E+00	2.87E+00	4.36E-03	5.07E+00	0.00E+00	4.06E-08	2.01E-08	1.48E-03	1.80E-07	5.08E-01	0.00E+00	5.07E+00	9.07E-07	5.07E+00	5.58E+00	5.08E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MU425A	5.97E-03	7.54E-01	2.46E-02	7.23E-01	0.00E+00	0.00E+00	4.51E+00	8.05E-06	2.90E-03	7.14E-03	0.00E+00	-5.12E-04	8.66E-10	3.50E-08	2.72E-02	1.48E+00	0.00E+00	0.00E+00	4.02E+00	6.70E-03	6.21E+00	0.00E+00	5.03E-08	2.73E-08	2.01E-03	2.11E-07	7.07E-01	0.00E+00	6.21E+00	1.61E-06	6.21E+00	6.87E+00	7.07E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
MU432A	6.30E-03	8.03E-01	2.46E-02	7.75E-01	0.00E+00	0.00E+00	4.35E+00	7.91E-06	3.71E-03	7.11E-03	0.00E+00	-3.26E-04	8.25E-10	4.07E-08	2.74E-02	1.44E+00	0.00E+00	0.00E+00	3.72E+00	4.49E-03	6.09E+00	0.00E+00	4.95E-08	2.67E-08	2.00E-03	1.91E-07	6.65E-01	0.00E+00	6.09E+00	8.67E-07	6.09E+00	6.72E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MU440A	6.01E-03	7.58E-01	2.51E-02	7.25E-01	0.00E+00	0.00E+00	4.51E+00	8.09E-06	2.83E-03	7.18E-03	0.00E+00	-5.91E-04	8.78E-10	3.51E-08	2.73E-02	1.49E+00	0.00E+00	0.00E+00	4.03E+00	8.24E-03	6.24E+00	0.00E+00	5.05E-08	2.73E-08	2.02E-03	2.32E-07	7.08E-01	0.00E+00	6.24E+00	1.59E-06	6.24E+00	6.91E+00	7.08E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
MU450A	7.66E-03	7.67E-01	2.70E-02	7.33E-01	0.00E+00	0.00E+00	4.56E+00	8.07E-06	4.58E-03	7.20E-03	0.00E+00	-1.01E-03	8.84E-10	5.09E-08	2.71E-02	1.57E+00	0.00E+00	0.00E+00	4.10E+00	1.35E-02	6.27E+00	0.00E+00	5.04E-08	2.73E-08	2.07E-03	3.75E-07	7.16E-01	0.00E+00	6.27E+00	1.57E-06	6.27E+00	6.93E+00	7.16E-01	0.00E+00	0.00E+00	0.00E+00	1.51E+02
MU463A	7.75E-03	8.36E-01	2.91E-02	8.10E-01	0.00E+00	0.00E+00	5.01E+00	9.21E-06	4.72E-03	7.47E-03	0.00E+00	-4.62E-04	9.66E-10	5.13E-08	3.02E-02	1.68E+00	0.00E+00	0.00E+00	4.37E+00	5.98E-03	6.75E+00	0.00E+00	5.39E-08	2.98E-08	2.16E-03	2.12E-07	7.74E-01	0.00E+00	6.75E+00	9.13E-07	6.75E+00	7.48E+00	7.74E-01	0.00E+00	0.00E+00	0.00E+00	1.60E+02
MUN106A	6.71E-04	1.55E-01	4.21E-03	1.51E-01	0.00E+00	0.00E+00	8.67E-01	1.62E-06	2.83E-04	1.34E-03	0.00E+00	-7.26E-05	1.47E-10	3.58E-09	5.52E-03	2.17E-01	0.00E+00	0.00E+00	6.42E-01	9.75E-04	1.17E+00	0.00E+00	9.43E-09	4.56E-09	3.47E-04	3.56E-08	1.14E-01	0.00E+00	1.17E+00	2.26E-07	1.17E+00	1.28E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.28E+01
MUN110A	6.12E-04	1.39E-01	3.52E-03	1.36E-01	0.00E+00	0.00E+00	7.52E-01	1.41E-06	2.62E-04	1.21E-03	0.00E+00	-4.21E-05	1.20E-10	3.22E-09	4.73E-03	1.90E-01	0.00E+00	0.00E+00	5.52E-01	5.71E-04	1.05E+00	0.00E+00	8.50E-09	4.10E-09	3.14E-04	2.45E-08	9.95E-02	0.00E+00	1.05E+00	2.11E-07	1.05E+00	1.15E+00	9.95E-02	0.00E+00	0.00E+00	0.00E+00	1.95E+01
MUN116A	6.18E-04	1.40E-01	3.56E-03	1.37E-01	0.00E+00	0.00E+00	7.58E-01	1.44E-06	2.62E-04	1.22E-03	0.00E+00	-4.21E-05	1.32E-10	3.24E-09	4.75E-03	1.92E-01	0.00E+00	0.00E+00	5.77E-01	5.71E-04	1.06E+00	0.00E+00	8.55E-09	4.17E-09	3.16E-04	2.45E-08	1.02E-01	0.00E+00	1.06E+00	2.21E-07	1.06E+00	1.16E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.06E+01
MUN120A	8.16E-04	1.57E-01	4.60E-03	1.52E-01	0.00E+00	0.00E+00	9.35E-01	1.79E-06	3.77E-04	1.38E-03	0.00E+00	-7.26E-05	1.71E-10	4.62E-09	5.90E-03	2.45E-01	0.00E+00	0.00E+00	7.31E-01	9.76E-04	1.28E+00	0.00E+00	1.02E-08	5.05E-09	3.67E-04	3.60E-08	1.28E-01	0.00E+00	1.28E+00	2.65E-07	1.28E+00	1.40E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MUN125A	1.40E-03	1.64E-01	4.92E-03	1.59E-01	0.00E+00	0.00E+00	9.86E-01	1.85E-06	4.89E-04	1.44E-03	0.00E+00	-7.26E-05	1.78E-10	5.79E-09	6.05E-03	2.66E-01	0.00E+00	0.00E+00	7.68E-01	9.76E-04	1.30E+00	0.00E+00	1.04E-08	5.25E-09	3.87E-04	3.63E-08	1.35E-01	0.00E+00	1.30E+00	2.39E-07	1.30E+00	1.44E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.77E+01
MUN132A	1.62E-03	2.04E-01	6.20E-03	1.95E-01	0.00E+00	0.00E+00	1.12E+00	2.00E-06	9.47E-04	1.82E-03	0.00E+00	-8.82E-05	2.10E-10	1.04E-08	6.88E-03	3.59E-01	0.00E+00	0.00E+00	9.28E-01	1.18E-03	1.53E+00	0.00E+00	1.24E-08	6.68E-09	4.97E-04	4.35E-08	1.65E-01	0.00E+00	1.53E+00	2.49E-07	1.53E+00	1.70E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MUN140A	1.62E-03	2.03E-01	6.20E-03	1.94E-01	0.00E+00	0.00E+00	1.11E+00	2.00E-06	9.54E-04	1.80E-03	0.00E+00	-8.80E-05	2.10E-10	1.04E-08	6.90E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.17E-03	1.53E+00	0.00E+00	1.24E-08	6.69E-09	4.95E-04	4.36E-08	1.65E-01	0.00E+00	1.53E+00	2.48E-07	1.53E+00	1.70E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01

MUN206A	1.33E-03	3.03E-01	8.28E-03	2.95E-01	0.00E+00	0.00E+00	1.69E+00	3.16E-06	5.63E-04	2.64E-03	0.00E+00	-1.45E-04	2.90E-10	7.06E-09	1.11E-02	4.34E-01	0.00E+00	0.00E+00	1.26E+00	1.95E-03	2.31E+00	0.00E+00	1.86E-08	9.00E-09	6.82E-04	7.07E-08	2.24E-01	0.00E+00	2.31E+00	4.49E-07	2.31E+00	2.54E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E+01
MUN210A	1.21E-03	2.75E-01	6.91E-03	2.69E-01	0.00E+00	0.00E+00	1.46E+00	2.73E-06	5.21E-04	2.40E-03	0.00E+00	-8.42E-05	2.36E-10	6.34E-09	9.55E-03	3.80E-01	0.00E+00	0.00E+00	1.08E+00	1.14E-03	2.06E+00	0.00E+00	1.67E-08	8.09E-09	6.21E-04	4.86E-08	1.95E-01	0.00E+00	2.06E+00	4.14E-07	2.06E+00	2.26E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E+01
MUN216A	1.22E-03	2.76E-01	6.92E-03	2.69E-01	0.00E+00	0.00E+00	1.47E+00	2.74E-06	5.21E-04	2.40E-03	0.00E+00	-8.42E-05	2.37E-10	6.35E-09	9.57E-03	3.80E-01	0.00E+00	0.00E+00	1.08E+00	1.14E-03	2.07E+00	0.00E+00	1.68E-08	8.10E-09	6.22E-04	4.87E-08	1.95E-01	0.00E+00	2.07E+00	4.15E-07	2.07E+00	2.26E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E+01
MUN220A	1.53E-03	2.84E-01	7.64E-03	2.77E-01	0.00E+00	0.00E+00	1.59E+00	2.95E-06	7.50E-04	2.50E-03	0.00E+00	-8.42E-05	2.60E-10	8.79E-09	1.01E-02	4.32E-01	0.00E+00	0.00E+00	1.19E+00	1.14E-03	2.20E+00	0.00E+00	1.78E-08	8.79E-09	6.63E-04	4.95E-08	2.15E-01	0.00E+00	2.20E+00	4.18E-07	2.20E+00	2.41E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E+01
MUN225A	1.91E-03	3.20E-01	9.71E-03	3.11E-01	0.00E+00	0.00E+00	1.93E+00	3.62E-06	9.74E-04	2.82E-03	0.00E+00	-1.45E-04	3.52E-10	1.15E-08	1.22E-02	5.33E-01	0.00E+00	0.00E+00	1.51E+00	1.95E-03	2.58E+00	0.00E+00	2.06E-08	1.04E-08	7.61E-04	7.23E-08	2.66E-01	0.00E+00	2.58E+00	4.80E-07	2.58E+00	2.85E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E+01
MUN232A	3.25E-03	3.99E-01	1.22E-02	3.86E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.54E-03	0.00E+00	-1.52E-04	4.21E-10	2.09E-08	1.37E-02	7.24E-01	0.00E+00	0.00E+00	1.85E+00	2.05E-03	3.03E+00	0.00E+00	2.47E-08	1.34E-08	9.98E-04	7.85E-08	3.28E-01	0.00E+00	3.03E+00	4.89E-07	3.03E+00	3.36E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MUN240A	3.24E-03	3.97E-01	1.29E-02	3.84E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.53E-03	0.00E+00	-2.39E-04	4.21E-10	2.09E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	3.20E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.94E-04	1.06E-07	3.28E-01	0.00E+00	3.03E+00	4.78E-07	3.03E+00	3.35E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MUN250A	3.84E-03	4.14E-01	1.43E-02	4.00E-01	0.00E+00	0.00E+00	2.45E+00	4.49E-06	2.33E-03	3.71E-03	0.00E+00	-2.28E-04	4.63E-10	2.53E-08	1.49E-02	8.26E-01	0.00E+00	0.00E+00	2.11E+00	3.05E-03	3.31E+00	0.00E+00	2.67E-08	1.47E-08	1.07E-03	1.04E-07	3.71E-01	0.00E+00	3.31E+00	5.01E-07	3.31E+00	3.68E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E+01
MUN263A	3.88E-03	4.17E-01	1.45E-02	4.02E-01	0.00E+00	0.00E+00	2.48E+00	4.57E-06	2.36E-03	3.74E-03	0.00E+00	-2.28E-04	4.81E-10	2.56E-08	1.51E-02	8.36E-01	0.00E+00	0.00E+00	2.15E+00	3.05E-03	3.35E+00	0.00E+00	2.69E-08	1.49E-08	1.08E-03	1.04E-07	3.77E-01	0.00E+00	3.35E+00	5.17E-07	3.35E+00	3.72E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E+01
MUN310A	2.02E-03	4.48E-01	1.26E-02	4.36E-01	0.00E+00	0.00E+00	2.56E+00	4.89E-06	8.47E-04	3.92E-03	0.00E+00	-2.18E-04	4.65E-10	1.07E-08	1.69E-02	6.62E-01	0.00E+00	0.00E+00	1.96E+00	2.92E-03	3.55E+00	0.00E+00	2.83E-08	1.38E-08	1.02E-03	1.06E-07	3.45E-01	0.00E+00	3.55E+00	7.44E-07	3.55E+00	3.90E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E+01
MUN316A	2.22E-03	4.54E-01	1.30E-02	4.41E-01	0.00E+00	0.00E+00	2.63E+00	5.02E-06	9.91E-04	3.98E-03	0.00E+00	-2.18E-04	4.79E-10	1.22E-08	1.72E-02	6.94E-01	0.00E+00	0.00E+00	2.03E+00	2.93E-03	3.63E+00	0.00E+00	2.90E-08	1.43E-08	1.05E-03	1.06E-07	3.57E-01	0.00E+00	3.63E+00	7.46E-07	3.63E+00	3.99E+00	3.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E+01
MUN320A	2.44E-03	4.67E-01	1.35E-02	4.54E-01	0.00E+00	0.00E+00	2.71E+00	5.09E-06	1.16E-03	4.09E-03	0.00E+00	-2.18E-04	4.93E-10	1.40E-08	1.75E-02	7.26E-01	0.00E+00	0.00E+00	2.09E+00	2.93E-03	3.66E+00	0.00E+00	2.93E-08	1.46E-08	1.08E-03	1.07E-07	3.69E-01	0.00E+00	3.66E+00	6.98E-07	3.66E+00	4.03E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E+01
MUN325A	2.86E-03	4.77E-01	1.45E-02	4.63E-01	0.00E+00	0.00E+00	2.87E+00	5.39E-06	1.46E-03	4.21E-03	0.00E+00	-2.18E-04	5.25E-10	1.72E-08	1.82E-02	7.95E-01	0.00E+00	0.00E+00	2.25E+00	2.93E-03	3.84E+00	0.00E+00	3.07E-08	1.55E-08	1.13E-03	1.08E-07	3.96E-01	0.00E+00	3.84E+00	7.13E-07	3.84E+00	4.24E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E+01
MUN332A	4.85E-03	6.01E-01	1.81E-02	5.83E-01	0.00E+00	0.00E+00	3.21E+00	5.77E-06	2.87E-03	5.32E-03	0.00E+00	-2.29E-04	6.16E-10	3.13E-08	2.03E-02	1.07E+00	0.00E+00	0.00E+00	2.72E+00	3.08E-03	4.46E+00	0.00E+00	3.65E-08	1.97E-08	1.49E-03	1.18E-07	4.84E-01	0.00E+00	4.46E+00	6.76E-07	4.46E+00	4.94E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E+01
MUN406A	2.65E-03	6.04E-01	1.66E-02	5.88E-01	0.00E+00	0.00E+00	3.38E+00	6.33E-06	1.12E-03	5.25E-03	0.00E+00	-2.91E-04	5.80E-10	1.41E-08	2.22E-02	8.67E-01	0.00E+00	0.00E+00	2.51E+00	3.90E-03	4.62E+00	0.00E+00	3.71E-08	1.80E-08	1.36E-03	1.41E-07	4.48E-01	0.00E+00	4.62E+00	8.98E-07	4.62E+00	5.07E+00	4.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E+01
MUN410A	2.68E-03	6.05E-01	1.67E-02	5.88E-01	0.00E+00	0.00E+00	3.42E+00	6.44E-06	1.13E-03	5.27E-03	0.00E+00	-2.91E-04	6.03E-10	1.43E-08	2.24E-02	8.77E-01	0.00E+00	0.00E+00	2.57E+00	3.90E-03	4.67E+00	0.00E+00	3.75E-08	1.82E-08	1.37E-03	1.41E-07	4.55E-01	0.00E+00	4.67E+00	9.30E-07	4.67E+00	5.13E+00	4.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E+01
MUN416A	2.97E-03	6.06E-01	1.74E-02	5.89E-01	0.00E+00	0.00E+00	3.54E+00	6.76E-06	1.32E-03	5.32E-03	0.00E+00	-2.91E-04	6.41E-10	1.64E-08	2.31E-02	9.31E-01	0.00E+00	0.00E+00	2.73E+00	3.90E-03	4.88E+00	0.00E+00	3.89E-08	1.91E-08	1.40E-03	1.42E-07	4.80E-01	0.00E+00	4.88E+00	1.00E-06	4.88E+00	5.36E+00	4.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E+01
MUN420A	3.29E-03	6.17E-01	1.82E-02	5.99E-01	0.00E+00	0.00E+00	3.67E+00	7.02E-06	1.55E-03	5.44E-03	0.00E+00	-2.91E-04	6.79E-10	1.88E-08	2.37E-02	9.86E-01	0.00E+00	0.00E+00	2.88E+00	3.90E-03	5.03E+00	0.00E+00	4.00E-08	1.99E-08	1.45E-03	1.43E-07	5.04E-01	0.00E+00	5.03E+00	1.02E-06	5.03E+00	5.53E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MUN425A	3.83E-03	6.38E-01	1.94E-02	6.18E-01	0.00E+00	0.00E+00	3.86E+00	7.25E-06	1.95E-03	5.62E-03	0.00E+00	-2.91E-04	7.03E-10	2.30E-08	2.44E-02	1.06E+00	0.00E+00	0.00E+00	3.02E+00	3.90E-03	5.16E+00	0.00E+00	4.12E-08	2.08E-08	1.52E-03	1.44E-07	5.31E-01	0.00E+00	5.16E+00	9.61E-07	5.16E+00	5.69E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E+02
MUN432A	6.50E-03	7.99E-01	2.44E-02	7.74E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.10E-03	0.00E+00	-3.05E-04	8.43E-10	4.19E-08	2.75E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	4.10E-03	6.08E+00	0.00E+00	4.96E-08	2.68E-08	2.00E-03	1.57E-07	6.57E-01	0.00E+00	6.08E+00	9.82E-07	6.08E+00	6.73E+00	6.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MUN440A	6.49E-03	7.96E-01	2.58E-02	7.70E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.07E-03	0.00E+00	-4.78E-04	8.43E-10	4.19E-08	2.74E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	6.39E-03	6.06E+00	0.00E+00	4.94E-08	2.67E-08	1.99E-03	2.12E-07	6.56E-01	0.00E+00	6.06E+00	9.60E-07	6.06E+00	6.72E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MUN450A	7.72E-03	8.52E-01	2.92E-02	8.22E-01	0.00E+00	0.00E+00	5.09E+00	9.24E-06	4.68E-03	7.61E-03	0.00E+00	-4.56E-04	9.42E-10	5.11E-08	3.07E-02	1.68E+00	0.00E+00	0.00E+00	4.29E+00	6.10E-03	6.74E+00	0.00E+00	5.44E-08	2.98E-08	2.19E-03	2.10E-07	7.58E-01	0.00E+00	6.74E+00	9.78E-07	6.74E+00	7.50E+00	7.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E+02
MUN463A	7.81E-03	8.57E-01	2.95E-02	8.28E-01	0.00E+00	0.00E+00	5.15E+00	9.40E-06	4.73E-03	7.66E-03	0.00E+00	-4.56E-04	9.79E-10	5.17E-08	3.10E-02	1.70E+00	0.00E+00	0.00E+00	4.38E+00	6.10E-03	6.82E+00	0.00E+00	5.49E-08	3.01E-08	2.20E-03	2.11E-07	7.71E-01	0.00E+00	6.82E+00	1.01E-06	6.82E+00	7.59E+00	7.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+02
MUN506A	1.33E-03	3.03E-01	8.28E-03	2.95E-01	0.00E+00	0.00E+00	1.70E+00	3.15E-06	5.65E-04	2.64E-03	0.00E+00	-1.45E-04	2.82E-10	7.09E-09	1.12E-02	4.34E-01	0.00E+00	0.00E+00	1.24E+00	1.95E-03	2.31E+00	0.00E+00	1.86E-08	8.98E-09	6.82E-04	7.08E-08	2.23E-01	0.00E+00	2.31E+00	4.42E-07	2.31E+00	2.53E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E+01
MUN510A	1.22E-03	2.76E-01	6.91E-03	2.69E-01	0.00E+00	0.00E+00	1.46E+00	2.74E-06	5.22E-04	2.41E-03	0.00E+00	-8.29E-05	2.37E-10	6.35E-09	9.58E-03	3.81E-01	0.00E+00	0.00E+00	1.08E+00	1.12E-03	2.07E+00	0.00E+00	1.68E-08	8.12E-09	6.23E-04	4.83E-08	1.95E-01	0.00E+00	2.07E+00	4.17E-07	2.07E+00	2.27E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E+01
MUN516A	1.22E-03	2.76E-01	6.92E-03	2.69E-01	0.00E+00	0.00E+00	1.47E+00	2.74E-06	5.22E-04	2.41E-03	0.00E+00	-8.29E-05	2.37E-10	6.35E-09	9.59E-03	3.81E-01	0.00E+00	0.00E+00	1.08E+00	1.12E-03	2.07E+00	0.00E+00	1.68E-08	8.13E-09	6.24E-04	4.83E-08	1.95E-01	0.00E+00	2.07E+00	4.18E-07	2.07E+00	2.27E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E+01
MUN520A	1.54E-03	2.85E-01	7.64E-03	2.77E-01	0.00E+00	0.00E+00	1.59E+00	2.95E-06	7.50E-04	2.50E-03	0.00E+00	-8.29E-05	2.60E-10	8.79E-09	1.01E-02	4.33E-01	0.00E+00	0.00E+00	1.19E+00	1.12E-03	2.20E+00	0.00E+00	1.78E-08	8.82E-09	6.65E-04	4.91E-08	2.15E-01	0.00E+00	2.20E+00	4.22E-07	2.20E+00	2.42E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E+01
MUN525A	1.98E-03	3.06E-01	8.74E-03	2.97E-01	0.00E+00	0.00E+00	1.76E+00	3.24E-06	1.06E-03	2.70E-03	0.00E+00	-8.24E-05	3.08E-10	1.22E-08	1.13E-02	5.15E-01	0.00E+00	0.00E+00	1.38E+00	1.12E-03	2.40E+00	0.00E+00	1.94E-08	9.89E-09	7.35E-04	5.06E-08	2.47E-01	0.00E+00	2.40E+00	4.19E-07	2.40E+00	2.65E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E+01
MUN532A	3.24E-03	3.97E-01	1.21E-02	3.84E-01	0.00E+00	0.00E+00	2.15E+00	3.88E-06	1.91E-03	3.53E-03	0.00E+00	-1.52E-04	3.98E-10	2.09E-08	1.37E-02	7.19E-01	0.00E+00	0.00E+00	1.81E+00	2.05E-03	3.01E+00	0.00E+00	2.46E-08	1.32E-08	9.93E-04	7.84E-08	3.23E-01	0.00E+00	3.01E+00	4.68E-07	3.01E+00	3.33E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E+01
MUN540A	3.25E-03	3.97E-01	1.29E-02	3.84E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.53E-03	0.00E+00	-2.39E-04	4.22E-10	2.10E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	3.20E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.95E-04	1.06E-07	3.28E-01	0.00E+00	3.03E+00	4.78E-07	3.03E+00	3.35E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E+01
MUN606A	2.71E-03	6.01E-01	1.72E-02	5.86E-01	0.00E+00	0.00E+00	3.44E+00	6.56E-06	1.03E-03	5.31E-03	0.00E+00	-3.11E-04	5.94E-10	1.37E-08	2.27E-02	8.86E-01	0.00E+00	0.00E+00	2.59E+00	4.17E-03	4.83E+00	0.00E+00	3.82E-08	1.88E-08	1.40E-03	1.60E-07	4.64E-01	0.00E+00	4.83E+00	1.02E-06	4.83E+00	5.22E+00	4.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E+01
MUN610A	2.70E-03	5.98E-01	1.68E-02	5.81E-01	0.00E+00	0.00E+00	3.44E+00	6.55E-06	1.13E-03	5.24E-03	0.00E+00	-2.91E-04	6.09E-10	1.43E-08	2.27E-02	8.86E-01	0.00E+00	0.00E+00	2.61E+00	3.90E-03	4.76E+00	0.00E+00	3.80E-08	1.85E-08	1.37E-03	1.41E-07	4.61E-01	0.00E+00	4.76E+00	9.90E-07	4.76E+00	5.22E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E+01
MUN616A	2.96E-03	6.06E-01	1.74E-02	5.88E-01	0.00E+00	0.00E+00	3.54E+00	6.73E-06	1.32E-03	5.32E-03	0.00E+00	-2.91E-04	6.28E-10	1.64E-08	2.31E-02	9.29E-01	0.00E+00	0.00E+00	2.71E+00	3.90E-03	4.87E+00	0.00E+00	3.89E-08	1.91E-08	1.40E-03	1.42E-07	4.77E-01	0.00E+00	4.87E+00	9.93E-07	4.87E+00	5.35E+00	4.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E+01
MUN620A	3.41E-03	6.17E-01	1.83E-02	5.99E-01	0.00E+00	0.00E+00	3.67E+00	6.95E-06	1.65E-03	5.44E-03	0.00E+00	-2.91E-04	6.63E-10	1.98E-08	2.37E-02	9.97E-01	0.00E+00	0.00E+00	2.86E+00	3.90E-03	5.03E+00	0.00E+00	4.02E-08	2.00E-08	1.46E-03	1.43E-07	5.03E-01	0.00E+00	5.03E+00	9.96E-07	5.03E+00	5.53E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MUN625A	3.94E-03	6.37E-01	1.95E-02	6.18E-01	0.00E+00	0.00E+00	3.85E+00	7.18E-06	2.04E-03	5.63E-03	0.00E+00	-2.91E-04	6.86E-10	2.40E-08	2.44E-02	1.08E+00	0.00E+00	0.00E+00	3.00E+00	3.90E-03	5.16E+00	0.00E+00	4.13E-08	2.09E-08	1.53E-03	1.45E-07	5.30E-01	0.00E+00	5.16E+00	9.33E-07	5.16E+00	5.69E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E+02
MUN632A	6.49E-03	7.97E-01	2.43E-02	7.72E-01	0.00E+00	0.00E+00	4.32E+00	7.84E-06	3.82E-03	7.08E-03	0.00E+00	-3.05E-04	8.20E-10	4.19E-08	2.74E-02	1.44E+00	0.00E+00	0.00E+00	3.66E+00	4.10E-03	6.05E+00	0.00E+00	4.95E-08	2.66E-08	2.00E-03	1.57E-07	6.51E-01	0.00E+00	6.05E+00	9.62E-07	6.05E+00	6.71E+00	6.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E+02
MUN640A	6.50E-03	7.96E-01	2.58E-02	7.70E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.07E-03	0.00E+00	-4.78E-04	8.43E-10	4.19E-08	2.74E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	6.39E-03	6.06E+00	0.00E+00	4.94E-08	2.67E-08	1.99E-03	2.12E-07	6.56E-01	0.00E+00	6.06E+00	9.60E-07	6.06E+00	6.72E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MUN650A	7.68E-03	8.29E-01	2.86E-02	8.01E-01	0.00E+00	0.00E+00	4.91E+00	8.98E-06	4.66E-03	7.43E-03	0.00E+00	-4.56E-04	9.27E-10	5.07E-08	2.99E-02	1.65E+00	0.00E+00	0.00E+00	4.22E+00	6.10E-03	6.63E+00	0.00E+00	5.34E-08	2.94E-08	2.15E-03	2.08E-07	7.43E-01	0.00E+00	6.63E+00	1.01E-06	6.63E+00	7.37E+00	7.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MUN663A	1.17E-02	8.43E-01	2.88E-02	8.14E-01	0.00E+00	0.00E+00	4.94E+00	8.98E-06	4.72E-03	7.52E-03	0.00E+00	-4.56E-04	9.44E-10	5.12E-08	2.98E-02	1.66E+00	0.00E+00	0.00E+00	4.24E+00	6.10E-03	6.59E+00	0.00E+00	5.32E-08	2.94E-08	2.17E-03	2.09E-07	7.47E-01	0.00E+00	6.59E+00	9.56E-07	6.59E+00	7.34E+00	7.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E+02
MV106	7.18E-04	1.66E-01	4.42E-03	1.59E-01	0.00E+00	0.00E+00	9.25E-01	1.67E-06	3.08E-04	1.45E-03	0.00E+00	-9.08E-05	1.55E-10	3.72E-09	5.96E-03	2.31E-01	0.00E+00	0.00E+00	6.73E-01	1.22E-03	1.22E+00	0.00E+00	9.96E-09	4.88E-09	3.68E-04	4.11E-08	1.22E-01	0.00E+00	1.22E+00	2.44E-07	1.22E+00	1.34E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MV106Z	7.10E-04	1.60E-01	4.41E-03	1.56E-01	0.00E+00	0.00E+00	8.87E-01	1.65E-06	3.02E-04	1.39E-03	0.00E+00	-8.62E-05	1.54E-10	3.66E-09	5.69E-03	2.31E-01	0.00E+00	0.00E+00	6.75E-01	1.17E-03	1.22E+00	0.00E+00	9.82E-09	4.81E-09	3.65E-04	3.99E-08	1.20E-01	0.00E+00	1.22E+00	2.39E-07	1.22E+00	1.34E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+01
MV110Z	7.25E-04	1.61E-01	4.46E-03	1.58E-01	0.00E+00	0.00E+00	9.07E-01	1.74E-06	3.08E-04	1.40E-03	0.00E+00	-7.79E-05	1.62E-10	3.71E-09	5.75E-03	2.33E-01	0.00E+00	0.00E+00	7.03E-01	1.07E-03	1.24E+00	0.00E+00	9.97E-09	4.90E-09	3.67E-04	3.68E-08	1.24E-01	0.00E+00	1.24E+00	2.54E-07	1.24E+00	1.37E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MV116	6.56E-04	1.43E-01	3.84E-03	1.39E-01	0.00E+00	0.00E+00	7.92E-01	1.48E-06	2.75E-04	1.24E-03	0.00E+00	-4.61E-05	1.30E-10	3.50E-09	4.89E-03	2.11E-01	0.00E+00	0.00E+00	6.00E-01	6.37E-04	1.09E+00	0.00E+00	8.80E-09	4.36E-09	3.18E-04	2.61E-08	1.07E-01	0.00E+00	1.09E+00	2.19E-07	1.09E+00	1.19E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+01
MV116Z	8.22E-04	1.63E-01	4.58E-03	1.59E-01	0.00E+00	0.00E+00	9.46E-01	1.78E-06	3.84E-04	1.42E-03	0.00E+00	-7.38E-05	1.70E-10	4.61E-09	5.96E-03	2.48E-01	0.00E+00	0.00E+00	7.31E-01	1.01E-03	1.28E+00	0.00E+00	1.03E-08	5.09E-09	3.78E-04	3.67E-08	1.29E-01	0.00E+00	1.28E+00	2.54E-07	1.28E+00	1.41E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+01
MV120	6.57E-04	1.41E-01	3.89E-03	1.38E-01	0.00E+00	0.00E+00	8.02E-01	1.49E-06	2.69E-04	1.24E-03	0.00E+00	-4.88E-05	1.34E-10	3.46E-09	5.20E-03	2.15E-01	0.00E+00	0.00E+00	6.09E-01	6.47E-04	1.11E+00	0.00E+00	9.07E-09	4.47E-09	3.18E-04	2.82E-08	1.09E-01	0.00E+00	1.11E+00	2.15E-07	1.11E+00	1.22E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E+01
MV120Z	8.62E-04	1.66E-01	4.98E-03	1.62E-01	0.00E+00	0.00E+00	9.67E-01	1.83E-06	4.23E-04	1.48E-03	0.00E+00	-7.44E-05	1.75E-10	5.21E-09	6.08E-03	2.61E-01	0.00E+00	0.00E+00	7.56E-01	1.03E-03	1.30E+00	0.00E+00	1.05E-08	5.28E-09	4.00E-04	3.79E-08	1.32E-01	0.00E+00	1.30E+00	2.58E-07	1.30E+00	1.43E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E+01
MV125	1.00E-03	1.69E-01	5.26E-03	1.63E-01	0.00E+00	0.00E+00	9.97E-01	1.89E-06	4.73E-04	1.49E-03	0.00E+00	-7.40E-05	1.83E-10	5.73E-09	6.18E-03	2.75E-01	0.00E+00	0.00E+00	7.90E-01	1.02E-03	1.34E+00	0.00E+00	1.07E-08	5.44E-09	4.11E-04	3.81E-08	1.39E-01	0.00E+00	1.34E+00	2.53E-07	1.34E+00	1.48E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MV125Z	1.02E-03	1.70E-01	5.32E-03	1.65E-01	0.00E+00	0.00E+00	1.01E+00	1.89E-06	4.74E-04	1.50E-03	0.00E+00	-7.40E-05	1.84E-10	5.73E-09	6.19E-03	2.85E-01	0.00E+00	0.00E+00	7.94E-01	1.02E-03	1.35E+00	0.00E+00	1.08E-08	5.64E-09	4.18E-04	3.89E-08	1.40E-01	0.00E+00	1.35E+00	2.53E-07	1.35E+00	1.48E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MV132	1.61E-03	2.01E-01	6.09E-03	1.93E-01	0.00E+00	0.00E+00	1.10E+00	1.98E-06	9.21E-04	1.75E-03	0.00E+00	-7.76E-05	2.09E-10	1.01E-08	6.74E-03	3.60E-01	0.00E+00	0.00E+00	9.24E-01	1.06E-03	1.51E+00	0.00E+00	1.23E-08	6.62E-09	4.94E-04	3.99E-08	1.64E-01	0.00E+00	1.51E+00	2.35E-07	1.51E+00	1.67E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E+01
MV132Z	1.62E-03	2.00E-01	6.10E-03	1.94E-01	0.00E+00	0.00E+00	1.10E+00	1.99E-06	9.22E-04	1.77E-03	0.00E+00	-7.99E-05	2.10E-10	1.02E-08	6.73E-03	3.59E-01	0.00E+00	0.00E+00	9.28E-01	1.11E-03	1.51E+00	0.00E+00	1.23E-08	6.63E-09	4.95E-04	4.08E-08	1.65E-01	0.00E+00	1.51E+00	2.38E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E+01
MV140	1.62E-03	2.00E-01	6.09E-03	1.93E-01	0.00E+00	0.00E+00	1.09E+00	1.99E-06	9.27E-04	1.75E-03	0.00E+00	-7.95E-05	2.09E-10	1.03E-08	6.75E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.10E-03	1.51E+00	0.00E+00	1.23E-08	6.63E-09	4.95E-04	4.08E-08	1.65E-01	0.00E+00	1.51E+00	2.38E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MV140Z	1.62E-03	2.00E-01	6.10E-03	1.93E-01	0.00E+00	0.00E+00	1.09E+00	1.99E-06	9.27E-04	1.75E-03	0.00E+00	-7.91E-05	2.09E-10	1.03E-08	6.75E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.10E-03	1.51E+00	0.00E+00	1.23E-08	6.63E-09	4.95E-04	4.11E-08	1.65E-01	0.00E+00	1.51E+00	2.38E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MV206	1.24E-03	3.21E-01	9.98E-03	3.14E-01	0.00E+00	0.00E+00	1.77E+00	3.39E-06	5.34E-04	2.76E-03	0.00E+00	-1.73E-04	3.43E-10	6.68E-09	1.15E-02	4.96E-01	0.00E+00	0.00E+00	1.36E+00	2.54E-03	2.46E+00	0.00E+00	1.95E-08	9.54E-09	7.53E-04	8.83E-08	2.44E-01	0.00E+00	2.46E+00	6.71E-07	2.46E+00	2.67E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E+01
MV220	1.69E-03	3.24E-01	9.34E-03	3.12E-01	0.00E+00	0.00E+00	1.85E+00	3.59E-06	8.38E-04	2.82E-03	0.00E+00	-1.60E-04	3.43E-10	1.00E-08	1.20E-02	5.02E-01	0.00E+00	0.00E+00	1.44E+00	2.18E-03	2.58E+00	0.00E+00	2.02E-08	1.00E-08	7.50E-04	7.92E-08	2.54E-01	0.00E+00	2.58E+00	7.30E-07	2.58E+00	2.80E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E+01
MV225	1.99E-03	3.28E-01	9.82E-03	3.20E-01	0.00E+00	0.00E+00	1.92E+00	3.63E-06	9.82E-04	2.90E-03	0.00E+00	-1.55E-04	3.58E-10	1.17E-08	1.24E-02	5.52E-01	0.00E+00	0.00E+00	1.54E+00	2.11E-03	2.63E+00	0.00E+00	2.09E-08	1.07E-08	7.57E-04	7.96E-08	2.68E-01	0.00E+00	2.63E+00	4.45E-07	2.63E+00	2.89E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E+01
MV232	2.72E-03	3.94E-01	1.17E-02	3.81E-01	0.00E+00	0.00E+00	2.16E+00	4.00E-06	1.44E-03	3.50E-03	0.00E+00	-1.78E-04	4.09E-10	1.55E-08	1.36E-02	6.74E-01	0.00E+00	0.00E+00	1.83E+00	2.40E-03	3.05E+00	0.00E+00	2.47E-08	1.33E-08	9.81E-04	8.80E-08	3.25E-01	0.00E+00	3.05E+00	6.70E-07	3.05E+00	3.38E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MV240	3.24E-03	3.94E-01	1.28E-02	3.81E-01	0.00E+00	0.00E+00	2.16E+00	4.01E-06	1.91E-03	3.49E-03	0.00E+00	-2.40E-04	4.21E-10	2.09E-08	1.36E-02	7.21E-01	0.00E+00	0.00E+00	1.85E+00	3.15E-03	3.06E+00	0.00E+00	2.48E-08	1.33E-08	9.83E-04	1.04E-07	3.27E-01	0.00E+00	3.06E+00	6.68E-07	3.06E+00	3.38E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MV332	4.63E-03	5.92E-01	1.82E-02	5.73E-01	0.00E+00	0.00E+00	3.19E+00	5.79E-06	2.63E-03	5.25E-03	0.00E+00	-2.49E-04	6.13E-10	2.88E-08	2.07E-02	1.05E+00	0.00E+00	0.00E+00	2.74E+00	3.35E-03	4.41E+00	0.00E+00	3.62E-08	1.98E-08	1.48E-03	1.38E-07	4.86E-01	0.00E+00	4.41E+00	6.85E-07	4.41E+00	4.89E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E+01
MV340	4.88E-03	5.90E-01	1.95E-02	5.70E-01	0.00E+00	0.00E+00	3.20E+00	5.83E-06	2.86E-03	5.24E-03	0.00E+00	-3.76E-04	6.15E-10	3.15E-08	2.06E-02	1.08E+00	0.00E+00	0.00E+00	2.75E+00	4.90E-03	4.41E+00	0.00E+00	3.61E-08	2.00E-08	1.47E-03	1.53E-07	4.87E-01	0.00E+00	4.41E+00	6.95E-07	4.41E+00	4.91E+00	4.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MV432	6.30E-03	7.89E-01	2.48E-02	7.64E-01	0.00E+00	0.00E+00	4.32E+00	7.86E-06	3.71E-03	7.01E-03	0.00E+00	-3.30E-04	8.24E-10	4.07E-08	2.71E-02	1.44E+00	0.00E+00	0.00E+00	3.70E+00	4.56E-03	6.02E+00	0.00E+00	4.91E-08	2.66E-08	1.98E-03	1.95E-07	6.59E-01	0.00E+00	6.02E+00	8.53E-07	6.02E+00	6.67E+00	6.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MV440	6.37E-03	7.88E-01	2.56E-02	7.63E-01	0.00E+00	0.00E+00	4.32E+00	7.90E-06	3.75E-03	7.02E-03	0.00E+00	-4.54E-04	8.40E-10	4.12E-08	2.71E-02	1.44E+00	0.00E+00	0.00E+00	3.69E+00	6.03E-03	6.02E+00	0.00E+00	4.92E-08	2.66E-08	1.98E-03	2.08E-07	6.54E-01	0.00E+00	6.02E+00	8.60E-07	6.02E+00	6.68E+00	6.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MW106	6.46E-04	1.07E-01	3.87E-03	1.03E-01	0.00E+00	0.00E+00	8.54E-01	1.90E-06	2.35E-04	1.04E-03	0.00E+00	-3.89E-05	1.56E-10	3.29E-09	5.81E-03	2.25E-01	0.00E+00	0.00E+00	7.01E-01	5.29E-04	1.40E+00	0.00E+00	1.08E-08	5.20E-09	3.03E-04	2.39E-08	1.22E-01	0.00E+00	1.40E+00	4.44E-07	1.40E+00	1.52E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MW110	6.68E-04	1.07E-01	3.92E-03	1.03E-01	0.00E+00	0.00E+00	8.63E-01	1.91E-06	2.52E-04	1.04E-03	0.00E+00	-3.89E-05	1.56E-10	3.47E-09	5.84E-03	2.29E-01	0.00E+00	0.00E+00	7.07E-01	5.29E-04	1.41E+00	0.00E+00	1.08E-08	5.23E-09	3.05E-04	2.39E-08	1.23E-01	0.00E+00	1.41E+00	4.41E-07	1.41E+00	1.53E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E+01
MW116	6.29E-04	1.43E-01	3.85E-03	1.39E-01	0.00E+00	0.00E+00	7.76E-01	1.47E-06	2.63E-04	1.23E-03	0.00E+00	-4.41E-05	1.33E-10	3.30E-09	4.84E-03	1.98E-01	0.00E+00	0.00E+00	5.89E-01	6.12E-04	1.08E+00	0.00E+00	8.75E-09	4.27E-09	3.15E-04	2.60E-08	1.04E-01	0.00E+00	1.08E+00	2.19E-07	1.08E+00	1.19E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MW120	7.02E-04	1.07E-01	3.99E-03	1.03E-01	0.00E+00	0.00E+00	8.73E-01	1.93E-06	2.77E-04	1.05E-03	0.00E+00	-3.89E-05	1.58E-10	3.73E-09	5.88E-03	2.34E-01	0.00E+00	0.00E+00	7.17E-01	5.29E-04	1.42E+00	0.00E+00	1.09E-08	5.29E-09	3.09E-04	2.40E-08	1.24E-01	0.00E+00	1.42E+00	4.40E-07	1.42E+00	1.54E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E+01
MW125	9.81E-04	1.70E-01	5.05E-03	1.65E-01	0.00E+00	0.00E+00	1.02E+00	1.91E-06	4.94E-04	1.49E-03	0.00E+00	-7.38E-05	1.84E-10	5.87E-09	6.25E-03	2.73E-01	0.00E+00	0.00E+00	7.90E-01	9.93E-04	1.34E+00	0.00E+00	1.08E-08	5.41E-09	3.99E-04	3.72E-08	1.39E-01	0.00E+00	1.34E+00	2.47E-07	1.34E+00	1.48E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MW132	1.62E-03	2.01E-01	6.11E-03	1.95E-01	0.00E+00	0.00E+00	1.10E+00	1.97E-06	9.56E-04	1.78E-03	0.00E+00	-7.62E-05	2.07E-10	1.05E-08	6.71E-03	3.58E-01	0.00E+00	0.00E+00	9.21E-01	1.03E-03	1.49E+00	0.00E+00	1.22E-08	6.59E-09	4.99E-04	3.93E-08	1.63E-01	0.00E+00	1.49E+00	2.24E-07	1.49E+00	1.66E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MW140	1.62E-03	2.02E-01	6.11E-03	1.96E-01	0.00E+00	0.00E+00	1.09E+00	1.97E-06	9.57E-04	1.78E-03	0.00E+00	-7.62E-05	2.07E-10	1.05E-08	6.70E-03	3.57E-01	0.00E+00	0.00E+00	9.20E-01	1.03E-03	1.49E+00	0.00E+00	1.22E-08	6.58E-09	4.99E-04	3.93E-08	1.63E-01	0.00E+00	1.49E+00	2.21E-07	1.49E+00	1.65E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E+01
MW206	1.31E-03	3.19E-01	9.95E-03	3.09E-01	0.00E+00	0.00E+00	1.76E+00	3.38E-06	5.30E-04	2.75E-03	0.00E+00	-1.60E-04	3.39E-10	6.86E-09	1.15E-02	4.93E-01	0.00E+00	0.00E+00	1.36E+00	2.20E-03	2.45E+00	0.00E+00	1.94E-08	9.51E-09	7.50E-04	7.91E-08	2.43E-01	0.00E+00	2.45E+00	6.73E-07	2.45E+00	2.65E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E+01
MW210	1.40E-03	3.21E-01	9.71E-03	3.09E-01	0.00E+00	0.00E+00	1.80E+00	3.48E-06	6.74E-04	2.81E-03	0.00E+00	-1.61E-04	3.37E-10	8.12E-09	1.17E-02	4.97E-01	0.00E+00	0.00E+00	1.38E+00	2.20E-03	2.53E+00	0.00E+00	1.98E-08	9.67E-09	7.48E-04	7.95E-08	2.46E-01	0.00E+00	2.53E+00	7.20E-07	2.53E+00	2.73E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E+01
MW225	2.00E-03	3.28E-01	9.82E-03	3.20E-01	0.00E+00	0.00E+00	1.92E+00	3.65E-06	9.82E-04	2.90E-03	0.00E+00	-1.55E-04	3.58E-10	1.17E-08	1.24E-02	5.55E-01	0.00E+00	0.00E+00	1.54E+00	2.11E-03	2.64E+00	0.00E+00	2.10E-08	1.08E-08	7.57E-04	7.95E-08	2.69E-01	0.00E+00	2.64E+00	4.45E-07	2.64E+00	2.90E+00	2.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E+01
MW232	2.73E-03	3.95E-01	1.16E-02	3.86E-01	0.00E+00	0.00E+00	2.16E+00	4.01E-06	1.44E-03	3.53E-03	0.00E+00	-1.75E-04	4.08E-10	1.55E-08	1.37E-02	6.76E-01	0.00E+00	0.00E+00	1.83E+00	2.32E-03	3.08E+00	0.00E+00	2.50E-08	1.33E-08	9.94E-04	8.53E-08	3.25E-01	0.00E+00	3.08E+00	6.65E-07	3.08E+00	3.40E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E+01
MW240	3.25E-03	3.95E-01	1.28E-02	3.85E-01	0.00E+00	0.00E+00	2.17E+00	4.02E-06	1.91E-03	3.52E-03	0.00E+00	-2.40E-04	4.21E-10	2.09E-08	1.37E-02	7.22E-01	0.00E+00	0.00E+00	1.85E+00	3.15E-03	3.08E+00	0.00E+00	2.50E-08	1.33E-08	9.95E-04	1.05E-07	3.27E-01	0.00E+00	3.08E+00	6.68E-07	3.08E+00	3.40E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E+01
MW306	2.14E-03	4.68E-01	1.29E-02	4.58E-01	0.00E+00	0.00E+00	2.61E+00	4.87E-06	7.79E-04	4.13E-03	0.00E+00	-2.27E-04	4.65E-10	9.96E-09	1.72E-02	6.69E-01	0.00E+00	0.00E+00	1.97E+00	3.16E-03	3.61E+00	0.00E+00	2.90E-08	1.40E-08	1.08E-03	1.14E-07	3.49E-01	0.00E+00	3.61E+00	7.08E-07	3.61E+00	3.96E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E+01
MW310	2.14E-03	4.75E-01	1.29E-02	4.63E-01	0.00E+00	0.00E+00	2.67E+00	5.00E-06	8.68E-04	4.22E-03	0.00E+00	-2.21E-04	4.79E-10	1.09E-08	1.76E-02	6.76E-01	0.00E+00	0.00E+00	2.01E+00	3.00E-03	3.72E+00	0.00E+00	2.97E-08	1.43E-08	1.09E-03	1.11E-07	3.58E-01	0.00E+00	3.72E+00	7.36E-07	3.72E+00	4.07E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E+01
MW316	1.81E-03	4.14E-01	1.03E-02	4.04E-01	0.00E+00	0.00E+00	2.17E+00	4.04E-06	7.81E-04	3.60E-03	0.00E+00	-1.26E-04	3.53E-10	9.47E-09	1.42E-02	5.66E-01	0.00E+00	0.00E+00	1.60E+00	1.71E-03	3.06E+00	0.00E+00	2.49E-08	1.20E-08	9.30E-04	7.28E-08	2.89E-01	0.00E+00	3.06E+00	6.06E-07	3.06E+00	3.35E+00	2.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E+01
MW320	2.51E-03	4.95E-01	1.40E-02	4.81E-01	0.00E+00	0.00E+00	2.81E+00	5.25E-06	1.18E-03	4.31E-03	0.00E+00	-2.22E-04	5.10E-10	1.42E-08	1.81E-02	7.49E-01	0.00E+00	0.00E+00	2.16E+00	2.98E-03	3.79E+00	0.00E+00	3.04E-08	1.51E-08	1.13E-03	1.10E-07	3.81E-01	0.00E+00	3.79E+00	7.14E-07	3.79E+00	4.17E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E+01
MW325	2.93E-03	5.05E-01	1.49E-02	4.90E-01	0.00E+00	0.00E+00	2.97E+00	5.54E-06	1.48E-03	4.43E-03	0.00E+00	-2.22E-04	5.43E-10	1.74E-08	1.88E-02	8.18E-01	0.00E+00	0.00E+00	2.32E+00	2.98E-03	3.97E+00	0.00E+00	3.18E-08	1.60E-08	1.19E-03	1.11E-07	4.08E-01	0.00E+00	3.97E+00	7.29E-07	3.97E+00	4.38E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E+01
MW332	4.83E-03	5.92E-01	1.80E-02	5.74E-01	0.00E+00	0.00E+00	3.20E+00	5.74E-06	2.86E-03	5.24E-03	0.00E+00	-2.29E-04	6.14E-10	3.13E-08	2.01E-02	1.07E+00	0.00E+00	0.00E+00	2.71E+00	3.08E-03	4.41E+00	0.00E+00	3.61E-08	1.95E-08	1.47E-03	1.17E-07	4.81E-01	0.00E+00	4.41E+00	6.57E-07	4.41E+00	4.89E+00	4.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E+01
MW340	4.82E-03	5.92E-01	1.91E-02	5.73E-01	0.00E+00	0.00E+00	3.20E+00	5.73E-06	2.86E-03	5.23E-03	0.00E+00	-3.59E-04	6.14E-10	3.13E-08	2.01E-02	1.06E+00	0.00E+00	0.00E+00	2.70E+00	4.79E-03	4.38E+00	0.00E+00	3.59E-08	1.94E-08	1.47E-03	1.58E-07	4.80E-01	0.00E+00	4.38E+00	6.32E-07	4.38E+00	4.86E+00	4.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E+01
MW350	5.73E-03	6.08E-01	2.17E-02	5.87E-01	0.00E+00	0.00E+00	3.61E+00	6.55E-06	3.41E-03	5.47E-03	0.00E+00	-3.88E-04	6.84E-10	3.74E-08	2.22E-02	1.22E+00	0.00E+00	0.00E+00	3.12E+00	4.94E-03	4.88E+00	0.00E+00	3.96E-08	2.18E-08	1.60E-03	1.70E-07	5.51E-01	0.00E+00	4.88E+00	7.33E-07	4.88E+00	5.43E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E+02

MW363	5.79E-03	6.09E-01	2.19E-02	5.89E-01	0.00E+00	0.00E+00	3.64E+00	6.67E-06	3.45E-03	5.50E-03	0.00E+00	-3.92E-04	7.11E-10	3.79E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.20E+00	5.01E-03	4.92E+00	0.00E+00	3.98E-08	2.21E-08	1.60E-03	1.73E-07	5.60E-01	0.00E+00	4.92E+00	7.46E-07	4.92E+00	5.45E+00	5.60E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
MW406	2.87E-03	6.21E-01	1.77E-02	6.01E-01	0.00E+00	0.00E+00	3.45E+00	6.62E-06	9.99E-04	5.34E-03	0.00E+00	-3.10E-04	6.02E-10	1.33E-08	2.23E-02	8.81E-01	0.00E+00	0.00E+00	2.60E+00	4.19E-03	4.81E+00	0.00E+00	3.80E-08	1.88E-08	1.43E-03	1.63E-07	4.64E-01	0.00E+00	4.81E+00	8.89E-07	4.81E+00	5.19E+00	4.64E-01	0.00E+00	0.00E+00	0.00E+00	9.42E+01
MW410	2.92E-03	6.21E-01	1.78E-02	6.01E-01	0.00E+00	0.00E+00	3.50E+00	6.75E-06	1.23E-03	5.37E-03	0.00E+00	-3.18E-04	6.19E-10	1.53E-08	2.29E-02	8.94E-01	0.00E+00	0.00E+00	2.63E+00	4.27E-03	4.83E+00	0.00E+00	3.82E-08	1.88E-08	1.44E-03	1.64E-07	4.69E-01	0.00E+00	4.83E+00	9.01E-07	4.83E+00	5.23E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.49E+01
MW416	3.30E-03	6.29E-01	2.23E-02	6.07E-01	0.00E+00	0.00E+00	3.64E+00	6.92E-06	1.50E-03	5.48E-03	0.00E+00	-3.20E-04	6.50E-10	1.83E-08	2.37E-02	9.74E-01	0.00E+00	0.00E+00	2.82E+00	4.30E-03	4.98E+00	0.00E+00	3.92E-08	1.99E-08	1.46E-03	1.82E-07	4.97E-01	0.00E+00	4.98E+00	9.00E-07	4.98E+00	5.40E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	9.92E+01
MW420	3.37E-03	6.31E-01	2.22E-02	6.09E-01	0.00E+00	0.00E+00	3.78E+00	6.93E-06	1.58E-03	5.51E-03	0.00E+00	-3.20E-04	6.74E-10	1.90E-08	2.40E-02	1.00E+00	0.00E+00	0.00E+00	2.87E+00	4.31E-03	5.08E+00	0.00E+00	4.06E-08	2.00E-08	1.48E-03	1.81E-07	5.07E-01	0.00E+00	5.08E+00	9.00E-07	5.08E+00	5.59E+00	5.07E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MW425	4.69E-03	6.46E-01	2.32E-02	6.24E-01	0.00E+00	0.00E+00	3.82E+00	7.03E-06	2.73E-03	5.63E-03	0.00E+00	-3.09E-04	6.89E-10	2.98E-08	2.45E-02	1.10E+00	0.00E+00	0.00E+00	2.93E+00	4.23E-03	5.13E+00	0.00E+00	4.10E-08	2.03E-08	1.53E-03	1.76E-07	5.17E-01	0.00E+00	5.13E+00	2.60E-07	5.13E+00	5.65E+00	5.17E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MW432	6.30E-03	8.01E-01	2.48E-02	7.74E-01	0.00E+00	0.00E+00	4.35E+00	7.90E-06	3.70E-03	7.09E-03	0.00E+00	-3.30E-04	8.25E-10	4.07E-08	2.74E-02	1.44E+00	0.00E+00	0.00E+00	3.73E+00	4.56E-03	6.07E+00	0.00E+00	4.95E-08	2.67E-08	1.99E-03	1.94E-07	6.64E-01	0.00E+00	6.07E+00	8.59E-07	6.07E+00	6.71E+00	6.64E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MW440	6.37E-03	7.84E-01	2.56E-02	7.58E-01	0.00E+00	0.00E+00	4.31E+00	7.89E-06	3.75E-03	6.98E-03	0.00E+00	-4.53E-04	8.40E-10	4.12E-08	2.70E-02	1.44E+00	0.00E+00	0.00E+00	3.69E+00	6.03E-03	6.00E+00	0.00E+00	4.90E-08	2.65E-08	1.97E-03	2.06E-07	6.53E-01	0.00E+00	6.00E+00	8.60E-07	6.00E+00	6.66E+00	6.53E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MWN102A	1.02E-03	1.97E-01	6.08E-03	1.91E-01	0.00E+00	0.00E+00	1.00E+00	1.89E-06	4.87E-04	1.71E-03	0.00E+00	-1.73E-04	1.95E-10	5.65E-09	6.53E-03	2.81E-01	0.00E+00	0.00E+00	8.16E-01	2.29E-03	1.43E+00	0.00E+00	1.16E-08	5.89E-09	4.46E-04	6.75E-08	1.43E-01	0.00E+00	1.43E+00	2.74E-07	1.43E+00	1.58E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.95E+01
MWN104A	9.84E-04	1.99E-01	6.39E-03	1.92E-01	0.00E+00	0.00E+00	1.01E+00	1.86E-06	4.57E-04	1.76E-03	0.00E+00	-2.27E-04	1.94E-10	5.41E-09	6.55E-03	2.77E-01	0.00E+00	0.00E+00	8.03E-01	3.12E-03	1.42E+00	0.00E+00	1.15E-08	5.77E-09	4.44E-04	8.23E-08	1.40E-01	0.00E+00	1.42E+00	2.64E-07	1.42E+00	1.56E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
MWN106	6.38E-04	1.41E-01	3.85E-03	1.37E-01	0.00E+00	0.00E+00	7.98E-01	1.47E-06	2.66E-04	1.24E-03	0.00E+00	-8.44E-05	1.27E-10	3.32E-09	4.98E-03	2.09E-01	0.00E+00	0.00E+00	6.00E-01	1.14E-03	1.10E+00	0.00E+00	8.94E-09	4.37E-09	3.19E-04	3.57E-08	1.08E-01	0.00E+00	1.10E+00	2.13E-07	1.10E+00	1.21E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+01
MWN106A	6.67E-04	1.52E-01	4.40E-03	1.48E-01	0.00E+00	0.00E+00	8.28E-01	1.58E-06	2.81E-04	1.31E-03	0.00E+00	-1.15E-04	1.48E-10	3.50E-09	5.39E-03	2.15E-01	0.00E+00	0.00E+00	6.34E-01	1.48E-03	1.16E+00	0.00E+00	9.31E-09	4.55E-09	3.42E-04	4.82E-08	1.12E-01	0.00E+00	1.16E+00	2.33E-07	1.16E+00	1.27E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	2.27E+01
MWN110	6.86E-04	1.53E-01	4.28E-03	1.48E-01	0.00E+00	0.00E+00	8.83E-01	1.70E-06	2.85E-04	1.34E-03	0.00E+00	-7.26E-05	1.58E-10	3.64E-09	5.66E-03	2.23E-01	0.00E+00	0.00E+00	6.77E-01	9.75E-04	1.22E+00	0.00E+00	9.74E-09	4.74E-09	3.49E-04	3.56E-08	1.19E-01	0.00E+00	1.22E+00	2.59E-07	1.22E+00	1.34E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	2.42E+01
MWN110A	6.89E-04	1.56E-01	4.28E-03	1.50E-01	0.00E+00	0.00E+00	8.95E-01	1.68E-06	2.86E-04	1.39E-03	0.00E+00	-7.43E-05	1.57E-10	3.61E-09	5.77E-03	2.22E-01	0.00E+00	0.00E+00	6.68E-01	9.97E-04	1.21E+00	0.00E+00	9.71E-09	4.72E-09	3.49E-04	3.64E-08	1.18E-01	0.00E+00	1.21E+00	2.62E-07	1.21E+00	1.34E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
MWN116	1.05E-03	1.78E-01	5.51E-03	1.68E-01	0.00E+00	0.00E+00	1.01E+00	1.85E-06	4.53E-04	1.60E-03	0.00E+00	-7.81E-05	1.85E-10	5.62E-09	6.42E-03	2.85E-01	0.00E+00	0.00E+00	7.74E-01	1.03E-03	1.34E+00	0.00E+00	1.12E-08	5.73E-09	4.32E-04	3.90E-08	1.39E-01	0.00E+00	1.34E+00	7.23E-07	1.34E+00	1.49E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.78E+01
MWN116A	7.43E-04	1.52E-01	4.30E-03	1.47E-01	0.00E+00	0.00E+00	8.57E-01	1.66E-06	3.31E-04	1.32E-03	0.00E+00	-7.22E-05	1.55E-10	4.06E-09	5.58E-03	2.24E-01	0.00E+00	0.00E+00	6.50E-01	9.74E-04	1.18E+00	0.00E+00	9.42E-09	4.71E-09	3.47E-04	3.54E-08	1.15E-01	0.00E+00	1.18E+00	2.60E-07	1.18E+00	1.30E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.37E+01
MWN120	1.06E-03	1.87E-01	5.83E-03	1.78E-01	0.00E+00	0.00E+00	1.03E+00	1.89E-06	4.73E-04	1.66E-03	0.00E+00	-7.70E-05	1.86E-10	6.08E-09	6.52E-03	2.89E-01	0.00E+00	0.00E+00	7.85E-01	1.02E-03	1.36E+00	0.00E+00	1.14E-08	5.98E-09	4.46E-04	3.90E-08	1.40E-01	0.00E+00	1.36E+00	7.16E-07	1.36E+00	1.52E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+01
MWN120A	7.76E-04	1.53E-01	4.50E-03	1.49E-01	0.00E+00	0.00E+00	8.86E-01	1.71E-06	3.60E-04	1.35E-03	0.00E+00	-7.97E-05	1.65E-10	4.32E-09	5.68E-03	2.33E-01	0.00E+00	0.00E+00	6.96E-01	1.12E-03	1.24E+00	0.00E+00	9.88E-09	4.84E-09	3.57E-04	3.82E-08	1.21E-01	0.00E+00	1.24E+00	2.64E-07	1.24E+00	1.36E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
MWN125	9.73E-04	1.61E-01	4.95E-03	1.56E-01	0.00E+00	0.00E+00	9.95E-01	1.90E-06	4.89E-04	1.43E-03	0.00E+00	-7.26E-05	1.83E-10	5.81E-09	6.16E-03	2.70E-01	0.00E+00	0.00E+00	7.89E-01	9.76E-04	1.34E+00	0.00E+00	1.07E-08	5.39E-09	3.87E-04	3.64E-08	1.38E-01	0.00E+00	1.34E+00	2.67E-07	1.34E+00	1.48E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
MWN125A	9.58E-04	1.57E-01	4.81E-03	1.53E-01	0.00E+00	0.00E+00	9.47E-01	1.82E-06	4.81E-04	1.40E-03	0.00E+00	-7.26E-05	1.78E-10	5.63E-09	5.92E-03	2.63E-01	0.00E+00	0.00E+00	7.58E-01	9.75E-04	1.30E+00	0.00E+00	1.04E-08	5.28E-09	3.81E-04	3.61E-08	1.32E-01	0.00E+00	1.30E+00	2.67E-07	1.30E+00	1.43E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.75E+01
MWN132	1.63E-03	1.99E-01	6.15E-03	1.93E-01	0.00E+00	0.00E+00	1.10E+00	2.03E-06	9.56E-04	1.78E-03	0.00E+00	-7.62E-05	2.12E-10	1.05E-08	6.83E-03	3.62E-01	0.00E+00	0.00E+00	9.43E-01	1.03E-03	1.54E+00	0.00E+00	1.25E-08	6.75E-09	5.01E-04	3.93E-08	1.66E-01	0.00E+00	1.54E+00	2.53E-07	1.54E+00	1.70E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	3.45E+01
MWN132A	1.62E-03	2.00E-01	6.07E-03	1.93E-01	0.00E+00	0.00E+00	1.11E+00	1.98E-06	9.49E-04	1.82E-03	0.00E+00	-8.34E-05	2.10E-10	1.04E-08	6.91E-03	3.56E-01	0.00E+00	0.00E+00	9.21E-01	1.15E-03	1.51E+00	0.00E+00	1.24E-08	6.71E-09	4.96E-04	4.23E-08	1.64E-01	0.00E+00	1.51E+00	2.55E-07	1.51E+00	1.68E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
MWN140	1.62E-03	2.00E-01	6.10E-03	1.93E-01	0.00E+00	0.00E+00	1.09E+00	2.00E-06	9.52E-04	1.75E-03	0.00E+00	-7.93E-05	2.10E-10	1.04E-08	6.78E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.09E-03	1.53E+00	0.00E+00	1.24E-08	6.68E-09	4.95E-04	4.09E-08	1.65E-01	0.00E+00	1.53E+00	2.48E-07	1.53E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
MWN150	1.85E-03	2.07E-01	6.86E-03	1.99E-01	0.00E+00	0.00E+00	1.19E+00	2.19E-06	1.13E-03	1.83E-03	0.00E+00	-1.10E-04	2.32E-10	1.21E-08	7.30E-03	4.04E-01	0.00E+00	0.00E+00	1.05E+00	1.48E-03	1.62E+00	0.00E+00	1.32E-08	7.17E-09	5.38E-04	4.99E-08	1.84E-01	0.00E+00	1.62E+00	2.52E-07	1.62E+00	1.80E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.81E+01
MWN202A	2.31E-03	3.92E-01	1.19E-02	3.80E-01	0.00E+00	0.00E+00	2.05E+00	3.93E-06	5.24E-04	3.40E-03	0.00E+00	-3.59E-04	3.92E-10	7.37E-09	1.33E-02	6.01E-01	0.00E+00	0.00E+00	1.76E+00	4.85E-03	3.00E+00	0.00E+00	2.43E-08	1.33E-08	9.69E-04	1.42E-07	3.08E-01	0.00E+00	3.00E+00	7.32E-07	3.00E+00	3.36E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	6.25E+01
MWN204A	2.25E-03	3.89E-01	1.20E-02	3.74E-01	0.00E+00	0.00E+00	2.02E+00	3.88E-06	8.79E-04	3.35E-03	0.00E+00	-3.78E-04	3.92E-10	1.06E-08	1.33E-02	6.01E-01	0.00E+00	0.00E+00	1.74E+00	5.04E-03	2.93E+00	0.00E+00	2.38E-08	1.33E-08	9.24E-04	1.49E-07	3.05E-01	0.00E+00	2.93E+00	7.38E-07	2.93E+00	3.26E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
MWN206	1.31E-03	3.00E-01	8.51E-03	2.94E-01	0.00E+00	0.00E+00	1.72E+00	3.32E-06	5.52E-04	2.65E-03	0.00E+00	-1.52E-04	3.20E-10	6.94E-09	1.13E-02	4.58E-01	0.00E+00	0.00E+00	1.31E+00	2.00E-03	2.40E+00	0.00E+00	1.91E-08	9.17E-09	7.03E-04	6.95E-08	2.34E-01	0.00E+00	2.40E+00	6.62E-07	2.40E+00	2.61E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	4.70E+01
MWN206A	1.24E-03	2.64E-01	7.49E-03	2.55E-01	0.00E+00	0.00E+00	1.53E+00	2.88E-06	5.15E-04	2.24E-03	0.00E+00	-9.97E-05	2.45E-10	6.32E-09	9.84E-03	3.63E-01	0.00E+00	0.00E+00	1.12E+00	1.34E-03	2.09E+00	0.00E+00	1.72E-08	8.38E-09	6.13E-04	5.39E-08	1.99E-01	0.00E+00	2.09E+00	3.93E-07	2.09E+00	2.32E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	3.76E+01
MWN210	1.35E-03	3.01E-01	8.43E-03	2.93E-01	0.00E+00	0.00E+00	1.72E+00	3.29E-06	5.66E-04	2.63E-03	0.00E+00	-1.45E-04	3.11E-10	7.17E-09	1.14E-02	4.44E-01	0.00E+00	0.00E+00	1.32E+00	1.95E-03	2.39E+00	0.00E+00	1.90E-08	9.29E-09	6.86E-04	7.08E-08	2.32E-01	0.00E+00	2.39E+00	4.99E-07	2.39E+00	2.62E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	4.72E+01
MWN210A	1.25E-03	2.76E-01	7.46E-03	2.69E-01	0.00E+00	0.00E+00	1.51E+00	2.86E-06	5.22E-04	2.38E-03	0.00E+00	-9.71E-05	2.55E-10	6.37E-09	9.71E-03	4.04E-01	0.00E+00	0.00E+00	1.16E+00	1.36E-03	2.09E+00	0.00E+00	1.72E-08	8.42E-09	6.12E-04	5.41E-08	2.06E-01	0.00E+00	2.09E+00	3.92E-07	2.09E+00	2.33E+00	2.06E-01	0.00E+00	0.00E+00	0.00E+00	4.12E+01
MWN216	1.31E-03	2.77E-01	7.59E-03	2.72E-01	0.00E+00	0.00E+00	1.55E+00	2.93E-06	6.24E-04	2.40E-03	0.00E+00	-8.46E-05	2.68E-10	7.40E-09	9.84E-03	4.29E-01	0.00E+00	0.00E+00	1.19E+00	1.19E-03	2.12E+00	0.00E+00	1.76E-08	8.66E-09	6.18E-04	4.96E-08	2.13E-01	0.00E+00	2.12E+00	3.94E-07	2.12E+00	2.37E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	4.24E+01
MWN216A	1.34E-03	2.77E-01	7.61E-03	2.71E-01	0.00E+00	0.00E+00	1.53E+00	2.93E-06	6.35E-04	2.40E-03	0.00E+00	-9.91E-05	2.61E-10	7.65E-09	9.83E-03	4.12E-01	0.00E+00	0.00E+00	1.19E+00	1.37E-03	2.11E+00	0.00E+00	1.74E-08	8.62E-09	6.12E-04	5.38E-08	2.11E-01	0.00E+00	2.11E+00	3.93E-07	2.11E+00	2.36E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	4.23E+01
MWN220	1.65E-03	3.10E-01	9.13E-03	3.01E-01	0.00E+00	0.00E+00	1.84E+00	3.51E-06	7.75E-04	2.73E-03	0.00E+00	-1.45E-04	3.40E-10	9.41E-09	1.19E-02	4.93E-01	0.00E+00	0.00E+00	1.44E+00	1.95E-03	2.52E+00	0.00E+00	2.00E-08	9.98E-09	7.27E-04	7.16E-08	2.52E-01	0.00E+00	2.52E+00	5.10E-07	2.52E+00	2.77E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	5.19E+01
MWN220A	1.55E-03	2.91E-01	7.86E-03	2.82E-01	0.00E+00	0.00E+00	1.60E+00	3.15E-06	7.31E-04	2.54E-03	0.00E+00	-1.02E-04	2.85E-10	8.90E-09	1.09E-02	4.36E-01	0.00E+00	0.00E+00	1.29E+00	1.39E-03	2.45E+00	0.00E+00	1.95E-08	9.44E-09	6.57E-04	5.54E-08	2.25E-01	0.00E+00	2.45E+00	4.19E-07	2.45E+00	2.71E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.59E+01
MWN225	1.91E-03	3.20E-01	9.71E-03	3.11E-01	0.00E+00	0.00E+00	1.93E+00	3.62E-06	9.74E-04	2.82E-03	0.00E+00	-1.45E-04	3.52E-10	1.15E-08	1.22E-02	5.33E-01	0.00E+00	0.00E+00	1.51E+00	1.95E-03	2.58E+00	0.00E+00	2.06E-08	1.04E-08	7.61E-04	7.23E-08	2.66E-01	0.00E+00	2.58E+00	4.80E-07	2.58E+00	2.85E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	5.45E+01
MWN225A	1.90E-03	3.18E-01	9.93E-03	3.09E-01	0.00E+00	0.00E+00	1.84E+00	3.48E-06	9.59E-04	2.79E-03	0.00E+00	-1.78E-04	3.43E-10	1.13E-08	1.19E-02	5.24E-01	0.00E+00	0.00E+00	1.48E+00	2.33E-03	2.54E+00	0.00E+00	2.03E-08	1.01E-08	7.51E-04	8.33E-08	2.58E-01	0.00E+00	2.54E+00	4.44E-07	2.54E+00	2.79E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	5.36E+01
MWN232	3.25E-03	3.99E-01	1.22E-02	3.86E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.54E-03	0.00E+00	-1.52E-04	4.21E-10	2.09E-08	1.37E-02	7.24E-01	0.00E+00	0.00E+00	1.85E+00	2.05E-03	3.03E+00	0.00E+00	2.47E-08	1.34E-08	9.98E-04	7.85E-08	3.28E-01	0.00E+00	3.03E+00	4.89E-07	3.03E+00	3.36E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MWN232A	3.24E-03	3.90E-01	1.22E-02	3.79E-01	0.00E+00	0.00E+00	2.13E+00	3.97E-06	1.91E-03	3.47E-03	0.00E+00	-1.90E-04	4.18E-10	2.08E-08	1.35E-02	7.18E-01	0.00E+00	0.00E+00	1.83E+00	2.60E-03	3.03E+00	0.00E+00	2.46E-08	1.32E-08	9.81E-04	9.08E-08	3.25E-01	0.00E+00	3.03E+00	6.99E-07	3.03E+00	3.36E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.69E+01
MWN240	3.24E-03	3.97E-01	1.29E-02	3.84E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.53E-03	0.00E+00	-2.39E-04	4.21E-10	2.09E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	3.20E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.94E-04	1.06E-07	3.28E-01	0.00E+00	3.03E+00	4.78E-07	3.03E+00	3.35E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MWN240A	3.23E-03	3.90E-01	1.27E-02	3.79E-01	0.00E+00	0.00E+00	2.13E+00	3.96E-06	1.91E-03	3.47E-03	0.00E+00	-2.42E-04	4.18E-10	2.08E-08	1.35E-02	7.16E-01	0.00E+00	0.00E+00	1.84E+00	3.23E-03	3.03E+00	0.00E+00	2.46E-08	1.32E-08	9.82E-04	1.07E-07	3.24E-01	0.00E+00	3.03E+00	6.96E-07	3.03E+00	3.35E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.70E+01
MWN250	3.89E-03	4.10E-01	1.42E-02	3.96E-01	0.00E+00	0.00E+00	2.44E+00	4.52E-06	2.36E-03	3.69E-03	0.00E+00	-2.44E-04	4.63E-10	2.58E-08	1.49E-02	8.19E-01	0.00E+00	0.00E+00	2.09E+00	3.28E-03	3.32E+00	0.00E+00	2.67E-08	1.46E-08	1.06E-03	1.08E-07	3.69E-01	0.00E+00	3.32E+00	7.25E-07	3.32E+00	3.69E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	7.68E+01
MWN263	3.88E-03	4.17E-01	1.45E-02	4.02E-01	0.00E+00	0.00E+00	2.48E+00	4.57E-06	2.36E-03	3.74E-03	0.00E+00	-2.28E-04	4.81E-10	2.56E-08	1.51E-02	8.36E-01	0.00E+00	0.00E+00	2.15E+00	3.05E-03	3.35E+00	0.00E+00	2.69E-08	1.49E-08	1.08E-03	1.04E-07	3.77E-01	0.00E+00	3.35E+00	5.17E-07	3.35E+00	3.72E+00	3.77E-01	0.00E+00	0.00E+00	0.00E+00	7.93E+01
MWN302A	3.62E-03	5.82E-01	1.64E-02	5.67E-01	0.00E+00	0.00E+00	2.98E+00	5.61E-06	1.23E-03	5.09E-03	0.00E+00	-3.22E-04	5.75E-10	1.47E-08	1.99E-02	8.63E-01	0.00E+00	0.00E+00	2.44E+00	3.95E-03	4.27E+00	0.00E+00	3.50E-08	1.79E-08	1.34E-03	1.46E-07	4.29E-01	0.00E+00	4.27E+00	7.81E-07	4.27E+00	4.73E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	8.75E+01
MWN304A	3.46E-03	5.79E-01	1.73E-02	5.65E-01	0.00E+00	0.00E+00	2.96E+00	5.57E-06	1.18E-03	5.09E-03	0.00E+00	-3.40E-04	5.74E-10	1.43E-08	2.00E-02	8.64E-01	0.00E+00	0.00E+00	2.42E+00	4.27E-03	4.24E+00	0.00E+00	3.47E-08	1.78E-08	1.33E-03	1.58E-07	4.27E-01	0.00E+00	4.24E+00	7.77E-07	4.24E+00	4.71E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	8.71E+01
MWN306	2.11E-03	4.54E-01	1.28E-02	4.40E-01	0.00E+00	0.00E+00	2.59E+00	4.84E-06	8.11E-04	4.00E-03	0.00E+00	-2.36E-04	4.63E-10	1.04E-08	1.71E-02	6.61E-01	0.00E+00	0.00E+00	1.96E+00	3.20E-03	3.59E+00	0.00E+00	2.88E-08	1.38E-08	1.06E-03	1.17E-07	3.49E-01	0.00E+00	3.59E+00	6.91E-07	3.59E+00	3.94E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MWN306A	2.10E-03	4.51E-01	1.28E-02	4.38E-01	0.00E+00	0.00E+00	2.57E+00	4.78E-06	8.19E-04	3.97E-03	0.00E+00	-2.64E-04	4.56E-10	1.06E-08	1.68E-02	6.58E-01	0.00E+00	0.00E+00	1.95E+00	3.58E-03	3.57E+00	0.00E+00	2.85E-08	1.36E-08	1.03E-03	1.24E-07	3.47E-01	0.00E+00	3.57E+00	6.91E-07	3.57E+00	3.91E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	6.87E+01
MWN310	2.02E-03	4.48E-01	1.26E-02	4.36E-01	0.00E+00	0.00E+00	2.56E+00	4.89E-06	8.47E-04	3.92E-03	0.00E+00	-2.18E-04	4.65E-10	1.07E-08	1.69E-02	6.62E-01	0.00E+00	0.00E+00	1.96E+00	2.92E-03	3.55E+00	0.00E+00	2.83E-08	1.38E-08	1.02E-03	1.06E-07	3.45E-01	0.00E+00	3.55E+00	7.44E-07	3.55E+00	3.90E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	7.03E+01
MWN310A	2.10E-03	4.53E-01	1.28E-02	4.39E-01	0.00E+00	0.00E+00	2.58E+00	4.91E-06	8.68E-04	3.97E-03	0.00E+00	-2.26E-04	4.74E-10	1.10E-08	1.71E-02	6.64E-01	0.00E+00	0.00E+00	2.00E+00	3.01E-03	3.61E+00	0.00E+00	2.88E-08	1.39E-08	1.03E-03	1.09E-07	3.52E-01	0.00E+00	3.61E+00	7.49E-07	3.61E+00	3.95E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	7.14E+01
MWN316	1.81E-03	4.11E-01	1.03E-02	4.01E-01	0.00E+00	0.00E+00	2.18E+00	4.06E-06	7.80E-04	3.58E-03	0.00E+00	-1.26E-04	3.53E-10	9.48E-09	1.42E-02	5.67E-01	0.00E+00	0.00E+00	1.60E+00	1.71E-03	3.07E+00	0.00E+00	2.50E-08	1.21E-08	9.28E-04	7.27E-08	2.90E-01	0.00E+00	3.07E+00	6.17E-07	3.07E+00	3.36E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	5.66E+01
MWN316A	2.31E-03	4.53E-01	1.30E-02	4.40E-01	0.00E+00	0.00E+00	2.61E+00	4.95E-06	1.03E-03	3.98E-03	0.00E+00	-2.18E-04	4.77E-10	1.29E-08	1.71E-02	6.99E-01	0.00E+00	0.00E+00	2.03E+00	2.88E-03	3.63E+00	0.00E+00	2.89E-08	1.42E-08	1.05E-03	1.06E-07	3.56E-01	0.00E+00	3.63E+00	7.43E-07	3.63E+00	3.98E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.28E+01
MWN320	2.46E-03	4.62E-01	1.36E-02	4.48E-01	0.00E+00	0.00E+00	2.73E+00	5.21E-06	1.16E-03	4.07E-03	0.00E+00	-2.18E-04	5.07E-10	1.41E-08	1.77E-02	7.36E-01	0.00E+00	0.00E+00	2.14E+00	2.93E-03	3.75E+00	0.00E+00	2.98E-08	1.49E-08	1.08E-03	1.07E-07	3.75E-01	0.00E+00	3.75E+00	7.60E-07	3.75E+00	4.12E+00	3.75E-01	0.00E+00	0.00E+00	0.00E+00	7.73E+01
MWN320A	2.49E-03	4.60E-01	1.54E-02	4.44E-01	0.00E+00	0.00E+00	2.70E+00	5.04E-06	1.18E-03	4.05E-03	0.00E+00	-2.22E-04	5.03E-10	1.41E-08	1.74E-02	7.29E-01	0.00E+00	0.00E+00	2.12E+00	2.91E-03	3.64E+00	0.00E+00	2.93E-08	1.47E-08	1.08E-03	1.09E-07	3.72E-01	0.00E+00	3.64E+00	2.74E-07	3.64E+00	4.03E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	7.62E+01
MWN325	2.86E-03	4.77E-01	1.45E-02	4.63E-01	0.00E+00	0.00E+00	2.87E+00	5.39E-06	1.46E-03	4.21E-03	0.00E+00	-2.18E-04	5.25E-10	1.72E-08	1.82E-02	7.95E-01	0.00E+00	0.00E+00	2.25E+00	2.93E-03	3.84E+00	0.00E+00	3.07E-08	1.55E-08	1.13E-03	1.08E-07	3.96E-01	0.00E+00	3.84E+00	7.13E-07	3.84E+00	4.24E+00	3.96E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
MWN325A	2.85E-03	4.74E-01	1.44E-02	4.60E-01	0.00E+00	0.00E+00	2.81E+00	5.29E-06	1.47E-03	4.20E-03	0.00E+00	-2.72E-04	5.17E-10	1.72E-08	1.80E-02	7.76E-01	0.00E+00	0.00E+00	2.22E+00	3.51E-03	3.79E+00	0.00E+00	3.03E-08	1.52E-08	1.09E-03	1.22E-07	3.88E-01	0.00E+00	3.79E+00	7.20E-07	3.79E+00	4.18E+00	3.88E-01	0.00E+00	0.00E+00	0.00E+00	7.94E+01
MWN332	4.87E-03	5.97E-01	1.82E-02	5.79E-01	0.00E+00	0.00E+00	3.23E+00	5.87E-06	2.87E-03	5.31E-03	0.00E+00	-2.29E-04	6.30E-10	3.14E-08	2.05E-02	1.08E+00	0.00E+00	0.00E+00	2.77E+00	3.08E-03	4.53E+00	0.00E+00	3.70E-08	2.00E-08	1.49E-03	1.17E-07	4.90E-01	0.00E+00	4.53E+00	7.29E-07	4.53E+00	5.02E+00	4.90E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MWN332A	4.87E-03	5.87E-01	1.84E-02	5.69E-01	0.00E+00	0.00E+00	3.18E+00	5.75E-06	2.86E-03	5.25E-03	0.00E+00	-2.51E-04	6.22E-10	3.12E-08	2.05E-02	1.07E+00	0.00E+00	0.00E+00	2.73E+00	3.40E-03	4.44E+00	0.00E+00	3.62E-08	1.96E-08	1.47E-03	1.43E-07	4.83E-01	0.00E+00	4.44E+00	7.21E-07	4.44E+00	4.93E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.94E+01
MWN340	4.86E-03	5.95E-01	1.92E-02	5.76E-01	0.00E+00	0.00E+00	3.23E+00	5.88E-06	2.86E-03	5.28E-03	0.00E+00	-3.59E-04	6.30E-10	3.14E-08	2.05E-02	1.08E+00	0.00E+00	0.00E+00	2.77E+00	4.79E-03	4.52E+00	0.00E+00	3.68E-08	1.99E-08	1.49E-03	1.59E-07	4.89E-01	0.00E+00	4.52E+00	7.12E-07	4.52E+00	5.01E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MWN340A	4.87E-03	5.87E-01	1.94E-02	5.68E-01	0.00E+00	0.00E+00	3.19E+00	5.81E-06	2.86E-03	5.22E-03	0.00E+00	-3.75E-04	6.22E-10	3.14E-08	2.05E-02	1.07E+00	0.00E+00	0.00E+00	2.75E+00	4.97E-03	4.45E+00	0.00E+00	3.63E-08	1.99E-08	1.46E-03	1.64E-07	4.86E-01	0.00E+00	4.45E+00	7.19E-07	4.45E+00	4.95E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MWN350	5.75E-03	6.20E-01	2.14E-02	5.98E-01	0.00E+00	0.00E+00	3.66E+00	6.69E-06	3.49E-03	5.55E-03	0.00E+00	-3.42E-04	6.92E-10	3.80E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.14E+00	4.57E-03	4.94E+00	0.00E+00	3.98E-08	2.20E-08	1.61E-03	1.56E-07	5.54E-01	0.00E+00	4.94E+00	7.48E-07	4.94E+00	5.50E+00	5.54E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MWN363	5.81E-03	6.24E-01	2.16E-02	6.02E-01	0.00E+00	0.00E+00	3.70E+00	6.80E-06	3.53E-03	5.59E-03	0.00E+00	-3.42E-04	7.20E-10	3.84E-08	2.25E-02	1.25E+00	0.00E+00	0.00E+00	3.22E+00	4.57E-03	5.00E+00	0.00E+00	4.02E-08	2.22E-08	1.62E-03	1.56E-07	5.64E-01	0.00E+00	5.00E+00	7.71E-07	5.00E+00	5.56E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MWN406	2.74E-03	5.95E-01	1.67E-02	5.81E-01	0.00E+00	0.00E+00	3.35E+00	6.30E-06	1.05E-03	5.20E-03	0.00E+00	-2.92E-04	5.99E-10	1.39E-08	2.17E-02	8.62E-01	0.00E+00	0.00E+00	2.55E+00	3.90E-03	4.74E+00	0.00E+00	3.78E-08	1.83E-08	1.35E-03	1.50E-07	4.54E-01	0.00E+00	4.74E+00	9.98E-07	4.74E+00	5.20E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	9.30E+01
MWN410	2.70E-03	5.99E-01	1.68E-02	5.82E-01	0.00E+00	0.00E+00	3.44E+00	6.58E-06	1.13E-03	5.24E-03	0.00E+00	-2.91E-04	6.22E-10	1.43E-08	2.27E-02	8.87E-01	0.00E+00	0.00E+00	2.64E+00	3.90E-03	4.77E+00	0.00E+00	3.80E-08	1.86E-08	1.37E-03	1.41E-07	4.63E-01	0.00E+00	4.77E+00	1.00E-06	4.77E+00	5.23E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	9.44E+01
MWN416	2.43E-03	5.50E-01	1.38E-02	5.37E-01	0.00E+00	0.00E+00	2.93E+00	5.49E-06	1.04E-03	4.80E-03	0.00E+00	-1.68E-04	4.74E-10	1.27E-08	1.91E-02	7.61E-01	0.00E+00	0.00E+00	2.16E+00	2.28E-03	4.14E+00	0.00E+00	3.36E-08	1.62E-08	1.24E-03	9.73E-08	3.90E-01	0.00E+00	4.14E+00	8.33E-07	4.14E+00	4.53E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
MWN420	3.29E-03	6.17E-01	1.82E-02	5.99E-01	0.00E+00	0.00E+00	3.67E+00	7.02E-06	1.55E-03	5.44E-03	0.00E+00	-2.91E-04	6.79E-10	1.88E-08	2.37E-02	9.86E-01	0.00E+00	0.00E+00	2.88E+00	3.90E-03	5.03E+00	0.00E+00	4.00E-08	1.99E-08	1.45E-03	1.43E-07	5.04E-01	0.00E+00	5.03E+00	1.02E-06	5.03E+00	5.53E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MWN425	3.83E-03	6.38E-01	1.94E-02	6.18E-01	0.00E+00	0.00E+00	3.86E+00	7.25E-06	1.95E-03	5.62E-03	0.00E+00	-2.91E-04	7.03E-10	2.30E-08	2.44E-02	1.06E+00	0.00E+00	0.00E+00	3.02E+00	3.90E-03	5.16E+00	0.00E+00	4.12E-08	2.08E-08	1.52E-03	1.44E-07	5.31E-01	0.00E+00	5.16E+00	9.61E-07	5.16E+00	5.69E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
MWN432	6.50E-03	7.99E-01	2.44E-02	7.74E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.10E-03	0.00E+00	-3.05E-04	8.43E-10	4.19E-08	2.75E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	4.10E-03	6.08E+00	0.00E+00	4.96E-08	2.68E-08	2.00E-03	1.57E-07	6.57E-01	0.00E+00	6.08E+00	9.82E-07	6.08E+00	6.73E+00	6.57E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MWN440	6.49E-03	7.96E-01	2.58E-02	7.70E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.07E-03	0.00E+00	-4.78E-04	8.43E-10	4.19E-08	2.74E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	6.39E-03	6.06E+00	0.00E+00	4.94E-08	2.67E-08	1.99E-03	2.12E-07	6.56E-01	0.00E+00	6.06E+00	9.60E-07	6.06E+00	6.72E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MWN450	7.68E-03	8.29E-01	2.86E-02	8.01E-01	0.00E+00	0.00E+00	4.91E+00	8.98E-06	4.66E-03	7.43E-03	0.00E+00	-4.56E-04	9.26E-10	5.07E-08	2.99E-02	1.65E+00	0.00E+00	0.00E+00	4.21E+00	6.10E-03	6.63E+00	0.00E+00	5.34E-08	2.94E-08	2.15E-03	2.08E-07	7.42E-01	0.00E+00	6.63E+00	1.01E-06	6.63E+00	7.37E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MWN463	7.76E-03	8.35E-01	2.89E-02	8.06E-01	0.00E+00	0.00E+00	4.97E+00	9.14E-06	4.71E-03	7.49E-03	0.00E+00	-4.56E-04	9.63E-10	5.13E-08	3.01E-02	1.67E+00	0.00E+00	0.00E+00	4.31E+00	6.10E-03	6.70E+00	0.00E+00	5.39E-08	2.98E-08	2.17E-03	2.09E-07	7.55E-01	0.00E+00	6.70E+00	1.04E-06	6.70E+00	7.46E+00	7.55E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MWN510	1.35E-03	2.68E-01	8.26E-03	2.60E-01	0.00E+00	0.00E+00	1.67E+00	3.15E-06	6.10E-04	2.34E-03	0.00E+00	-1.36E-04	2.98E-10	7.43E-09	1.11E-02	4.37E-01	0.00E+00	0.00E+00	1.27E+00	1.84E-03	2.35E+00	0.00E+00	1.87E-08	9.20E-09	6.71E-04	6.81E-08	2.23E-01	0.00E+00	2.35E+00	4.76E-07	2.35E+00	2.57E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00	4.55E+01
MWN516	1.31E-03	2.77E-01	7.63E-03	2.72E-01	0.00E+00	0.00E+00	1.55E+00	2.94E-06	6.00E-04	2.41E-03	0.00E+00	-8.33E-05	2.68E-10	7.28E-09	9.86E-03	4.29E-01	0.00E+00	0.00E+00	1.19E+00	1.17E-03	2.12E+00	0.00E+00	1.76E-08	8.68E-09	6.19E-04	4.88E-08	2.13E-01	0.00E+00	2.12E+00	3.94E-07	2.12E+00	2.38E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	4.25E+01
MWN520	1.56E-03	2.91E-01	7.83E-03	2.81E-01	0.00E+00	0.00E+00	1.60E+00	3.15E-06	7.25E-04	2.54E-03	0.00E+00	-8.73E-05	2.86E-10	8.88E-09	1.10E-02	4.36E-01	0.00E+00	0.00E+00	1.30E+00	1.19E-03	2.45E+00	0.00E+00	1.95E-08	9.45E-09	6.62E-04	4.94E-08	2.26E-01	0.00E+00	2.45E+00	3.95E-07	2.45E+00	2.72E+00	2.26E-01	0.00E+00	0.00E+00	0.00E+00	4.61E+01
MWN532	3.23E-03	3.94E-01	1.22E-02	3.80E-01	0.00E+00	0.00E+00	2.16E+00	3.96E-06	1.91E-03	3.51E-03	0.00E+00	-1.64E-04	3.99E-10	2.09E-08	1.37E-02	7.20E-01	0.00E+00	0.00E+00	1.80E+00	2.16E-03	3.05E+00	0.00E+00	2.47E-08	1.32E-08	9.81E-04	8.00E-08	3.23E-01	0.00E+00	3.05E+00	7.21E-07	3.05E+00	3.36E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.58E+01
MWN540	3.26E-03	3.97E-01	1.33E-02	3.85E-01	0.00E+00	0.00E+00	2.19E+00	4.18E-06	1.91E-03	3.54E-03	0.00E+00	-2.47E-04	4.21E-10	2.10E-08	1.38E-02	7.33E-01	0.00E+00	0.00E+00	1.98E+00	3.32E-03	3.13E+00	0.00E+00	2.50E-08	1.34E-08	9.93E-04	1.09E-07	3.48E-01	0.00E+00	3.13E+00	7.26E-07	3.13E+00	3.43E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
MWN602A	4.02E-03	7.97E-01	2.33E-02	7.70E-01	0.00E+00	0.00E+00	4.33E+00	7.86E-06	1.21E-03	7.09E-03	0.00E+00	-3.56E-04	8.30E-10	1.61E-08	2.74E-02	1.30E+00	0.00E+00	0.00E+00	3.71E+00	4.43E-03	6.12E+00	0.00E+00	4.90E-08	2.64E-08	1.98E-03	1.79E-07	6.57E-01	0.00E+00	6.12E+00	9.96E-07	6.12E+00	6.77E+00	6.57E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MWN604A	3.98E-03	8.02E-01	2.43E-02	7.73E-01	0.00E+00	0.00E+00	4.37E+00	8.02E-06	1.22E-03	7.08E-03	0.00E+00	-3.91E-04	8.34E-10	1.64E-08	2.76E-02	1.30E+00	0.00E+00	0.00E+00	3.76E+00	4.89E-03	6.18E+00	0.00E+00	4.86E-08	2.63E-08	1.95E-03	1.82E-07	6.70E-01	0.00E+00	6.18E+00	9.95E-07	6.18E+00	6.77E+00	6.70E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
MWN606A	2.71E-03	5.97E-01	1.69E-02	5.81E-01	0.00E+00	0.00E+00	3.39E+00	6.36E-06	1.04E-03	5.23E-03	0.00E+00	-3.17E-04	5.80E-10	1.38E-08	2.23E-02	8.64E-01	0.00E+00	0.00E+00	2.55E+00	4.35E-03	4.74E+00	0.00E+00	3.80E-08	1.82E-08	1.36E-03	1.62E-07	4.52E-01	0.00E+00	4.74E+00	1.01E-06	4.74E+00	5.20E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.15E+01
MWN610A	2.72E-03	5.95E-01	1.68E-02	5.79E-01	0.00E+00	0.00E+00	3.40E+00	6.42E-06	1.12E-03	5.22E-03	0.00E+00	-2.95E-04	6.03E-10	1.42E-08	2.25E-02	8.73E-01	0.00E+00	0.00E+00	2.54E+00	3.97E-03	4.73E+00	0.00E+00	3.79E-08	1.83E-08	1.36E-03	1.49E-07	4.53E-01	0.00E+00	4.73E+00	9.79E-07	4.73E+00	5.18E+00	4.53E-01	0.00E+00	0.00E+00	0.00E+00	9.17E+01
MWN616A	2.95E-03	6.02E-01	1.72E-02	5.85E-01	0.00E+00	0.00E+00	3.46E+00	6.62E-06	1.32E-03	5.28E-03	0.00E+00	-2.82E-04	6.20E-10	1.62E-08	2.25E-02	9.17E-01	0.00E+00	0.00E+00	2.66E+00	3.81E-03	4.82E+00	0.00E+00	3.85E-08	1.91E-08	1.39E-03	1.39E-07	4.70E-01	0.00E+00	4.82E+00	9.77E-07	4.82E+00	5.29E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.53E+01
MWN620A	3.35E-03	6.14E-01	1.97E-02	5.95E-01	0.00E+00	0.00E+00	3.62E+00	6.72E-06	1.62E-03	5.42E-03	0.00E+00	-3.07E-04	6.58E-10	1.96E-08	2.31E-02	9.79E-01	0.00E+00	0.00E+00	2.81E+00	4.03E-03	4.99E+00	0.00E+00	3.99E-08	1.98E-08	1.45E-03	1.44E-07	4.95E-01	0.00E+00	4.99E+00	2.76E-07	4.99E+00	5.49E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MWN625A	3.70E-03	6.35E-01	2.07E-02	6.15E-01	0.00E+00	0.00E+00	3.77E+00	6.93E-06	1.93E-03	5.58E-03	0.00E+00	-3.66E-04	6.77E-10	2.24E-08	2.37E-02	1.04E+00	0.00E+00	0.00E+00	2.94E+00	4.93E-03	5.11E+00	0.00E+00	4.09E-08	2.06E-08	1.52E-03	1.71E-07	5.20E-01	0.00E+00	5.11E+00	2.70E-07	5.11E+00	5.63E+00	5.20E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02

MWN640A	6.44E-03	7.83E-01	2.53E-02	7.55E-01	0.00E+00	0.00E+00	4.27E+00	7.80E-06	3.81E-03	6.94E-03	0.00E+00	-4.77E-04	8.34E-10	4.17E-08	2.69E-02	1.43E+00	0.00E+00	0.00E+00	3.70E+00	6.39E-03	5.99E+00	0.00E+00	4.87E-08	2.64E-08	1.96E-03	2.06E-07	6.57E-01	0.00E+00	5.99E+00	9.56E-07	5.99E+00	6.62E+00	6.57E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MWS206A	1.23E-03	2.86E-01	8.28E-03	2.77E-01	0.00E+00	0.00E+00	1.64E+00	3.16E-06	6.07E-04	2.50E-03	0.00E+00	-1.60E-04	2.91E-10	7.13E-09	1.10E-02	4.35E-01	0.00E+00	0.00E+00	1.26E+00	2.24E-03	2.36E+00	0.00E+00	1.87E-08	9.06E-09	6.68E-04	7.27E-08	2.25E-01	0.00E+00	2.36E+00	6.60E-07	2.36E+00	2.55E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	4.50E+01
MWS210A	1.37E-03	2.64E-01	8.24E-03	2.56E-01	0.00E+00	0.00E+00	1.64E+00	3.26E-06	8.29E-04	2.32E-03	0.00E+00	-1.51E-04	3.02E-10	8.81E-09	1.11E-02	4.48E-01	0.00E+00	0.00E+00	1.30E+00	1.99E-03	2.42E+00	0.00E+00	1.90E-08	9.32E-09	6.72E-04	7.15E-08	2.29E-01	0.00E+00	2.42E+00	7.19E-07	2.42E+00	2.62E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	4.66E+01
MWS216A	1.31E-03	2.70E-01	6.99E-03	2.65E-01	0.00E+00	0.00E+00	1.39E+00	2.67E-06	6.28E-04	2.32E-03	0.00E+00	-1.02E-04	2.34E-10	7.38E-09	9.22E-03	3.81E-01	0.00E+00	0.00E+00	1.06E+00	1.49E-03	2.00E+00	0.00E+00	1.65E-08	8.03E-09	6.15E-04	5.67E-08	1.91E-01	0.00E+00	2.00E+00	3.90E-07	2.00E+00	2.22E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.76E+01
MWS220A	1.84E-03	3.02E-01	8.55E-03	2.93E-01	0.00E+00	0.00E+00	1.67E+00	3.16E-06	1.09E-03	2.69E-03	0.00E+00	-1.82E-04	2.99E-10	1.20E-08	1.11E-02	4.58E-01	0.00E+00	0.00E+00	1.34E+00	2.52E-03	2.40E+00	0.00E+00	1.91E-08	9.81E-09	6.70E-04	8.05E-08	2.34E-01	0.00E+00	2.40E+00	4.23E-07	2.40E+00	2.62E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MWS225A	1.92E-03	3.22E-01	1.12E-02	3.15E-01	0.00E+00	0.00E+00	1.79E+00	3.36E-06	1.06E-03	2.83E-03	0.00E+00	-2.22E-04	3.48E-10	1.20E-08	1.16E-02	5.25E-01	0.00E+00	0.00E+00	1.48E+00	2.99E-03	2.52E+00	0.00E+00	2.02E-08	1.04E-08	7.80E-04	9.36E-08	2.60E-01	0.00E+00	2.52E+00	4.53E-07	2.52E+00	2.76E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.35E+01
MWS232A	4.05E-03	3.96E-01	1.30E-02	3.87E-01	0.00E+00	0.00E+00	2.20E+00	4.21E-06	2.50E-03	3.53E-03	0.00E+00	-2.33E-04	4.33E-10	2.78E-08	1.39E-02	7.41E-01	0.00E+00	0.00E+00	1.96E+00	3.19E-03	3.16E+00	0.00E+00	2.53E-08	1.42E-08	1.03E-03	9.95E-08	3.47E-01	0.00E+00	3.16E+00	7.11E-07	3.16E+00	3.47E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	7.25E+01
MWS240A	4.04E-03	3.97E-01	1.35E-02	3.88E-01	0.00E+00	0.00E+00	2.21E+00	4.25E-06	2.48E-03	3.53E-03	0.00E+00	-2.60E-04	4.34E-10	2.75E-08	1.43E-02	7.49E-01	0.00E+00	0.00E+00	1.98E+00	3.48E-03	3.18E+00	0.00E+00	2.54E-08	1.42E-08	1.03E-03	1.10E-07	3.49E-01	0.00E+00	3.18E+00	7.11E-07	3.18E+00	3.49E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.32E+01
MWS310A	2.38E-03	4.39E-01	1.12E-02	4.25E-01	0.00E+00	0.00E+00	2.38E+00	4.46E-06	1.14E-03	3.75E-03	0.00E+00	-2.23E-04	4.30E-10	1.34E-08	1.51E-02	6.61E-01	0.00E+00	0.00E+00	1.92E+00	3.02E-03	3.46E+00	0.00E+00	2.72E-08	1.39E-08	1.01E-03	1.03E-07	3.39E-01	0.00E+00	3.46E+00	7.25E-07	3.46E+00	3.79E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00	6.90E+01
MWS316A	2.60E-03	4.42E-01	1.70E-02	4.28E-01	0.00E+00	0.00E+00	2.45E+00	4.60E-06	1.43E-03	3.80E-03	0.00E+00	-2.28E-04	4.46E-10	1.64E-08	1.56E-02	6.99E-01	0.00E+00	0.00E+00	1.93E+00	3.00E-03	3.50E+00	0.00E+00	2.75E-08	1.41E-08	1.03E-03	1.13E-07	3.42E-01	0.00E+00	3.50E+00	7.28E-07	3.50E+00	3.82E+00	3.42E-01	0.00E+00	0.00E+00	0.00E+00	6.99E+01
MWS320A	2.79E-03	4.45E-01	1.53E-02	4.30E-01	0.00E+00	0.00E+00	2.53E+00	4.73E-06	1.44E-03	3.96E-03	0.00E+00	-2.28E-04	4.79E-10	1.74E-08	1.63E-02	7.45E-01	0.00E+00	0.00E+00	1.99E+00	3.01E-03	3.45E+00	0.00E+00	2.79E-08	1.46E-08	9.96E-04	1.08E-07	3.52E-01	0.00E+00	3.45E+00	2.41E-07	3.45E+00	3.81E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	7.33E+01
MWS325A	4.33E-03	4.83E-01	1.53E-02	4.68E-01	0.00E+00	0.00E+00	2.92E+00	5.34E-06	2.61E-03	4.28E-03	0.00E+00	-2.72E-04	5.39E-10	2.91E-08	1.78E-02	7.78E-01	0.00E+00	0.00E+00	2.16E+00	3.51E-03	3.64E+00	0.00E+00	2.94E-08	1.50E-08	1.13E-03	1.19E-07	3.80E-01	0.00E+00	3.64E+00	2.82E-07	3.64E+00	4.04E+00	3.80E-01	0.00E+00	0.00E+00	0.00E+00	7.92E+01
MWS332A	5.13E-03	5.95E-01	1.92E-02	5.77E-01	0.00E+00	0.00E+00	3.42E+00	6.17E-06	3.08E-03	5.31E-03	0.00E+00	-2.56E-04	6.47E-10	3.33E-08	2.13E-02	1.11E+00	0.00E+00	0.00E+00	2.82E+00	3.46E-03	4.57E+00	0.00E+00	3.69E-08	2.02E-08	1.51E-03	1.46E-07	5.01E-01	0.00E+00	4.57E+00	7.37E-07	4.57E+00	5.06E+00	5.01E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MWS340A	5.14E-03	5.94E-01	2.00E-02	5.77E-01	0.00E+00	0.00E+00	3.42E+00	6.19E-06	3.08E-03	5.31E-03	0.00E+00	-3.74E-04	6.48E-10	3.35E-08	2.13E-02	1.11E+00	0.00E+00	0.00E+00	2.83E+00	4.96E-03	4.58E+00	0.00E+00	3.70E-08	2.05E-08	1.51E-03	1.66E-07	5.03E-01	0.00E+00	4.58E+00	7.32E-07	4.58E+00	5.08E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
MWS606A	3.06E-03	5.90E-01	1.72E-02	5.73E-01	0.00E+00	0.00E+00	3.22E+00	6.15E-06	1.33E-03	5.18E-03	0.00E+00	-3.27E-04	5.74E-10	1.63E-08	2.16E-02	8.68E-01	0.00E+00	0.00E+00	2.43E+00	4.44E-03	4.68E+00	0.00E+00	3.71E-08	1.82E-08	1.36E-03	1.62E-07	4.39E-01	0.00E+00	4.68E+00	8.71E-07	4.68E+00	5.04E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	8.71E+01
MWS610A	3.14E-03	5.87E-01	1.70E-02	5.70E-01	0.00E+00	0.00E+00	3.17E+00	6.05E-06	1.46E-03	5.16E-03	0.00E+00	-2.95E-04	5.94E-10	1.74E-08	2.15E-02	8.84E-01	0.00E+00	0.00E+00	2.44E+00	3.95E-03	4.60E+00	0.00E+00	3.68E-08	1.84E-08	1.36E-03	1.47E-07	4.41E-01	0.00E+00	4.60E+00	8.78E-07	4.60E+00	4.98E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	8.80E+01
MWS616A	3.21E-03	5.89E-01	1.70E-02	5.72E-01	0.00E+00	0.00E+00	3.22E+00	6.00E-06	1.64E-03	5.21E-03	0.00E+00	-2.91E-04	6.03E-10	1.96E-08	2.15E-02	9.23E-01	0.00E+00	0.00E+00	2.51E+00	3.90E-03	4.62E+00	0.00E+00	3.74E-08	1.88E-08	1.39E-03	1.46E-07	4.49E-01	0.00E+00	4.62E+00	8.84E-07	4.62E+00	5.06E+00	4.49E-01	0.00E+00	0.00E+00	0.00E+00	9.11E+01
MWS620A	3.54E-03	6.06E-01	2.00E-02	5.85E-01	0.00E+00	0.00E+00	3.51E+00	6.35E-06	1.70E-03	5.39E-03	0.00E+00	-3.13E-04	6.58E-10	2.20E-08	2.16E-02	1.05E+00	0.00E+00	0.00E+00	2.75E+00	4.15E-03	4.92E+00	0.00E+00	3.93E-08	1.96E-08	1.51E-03	1.45E-07	4.85E-01	0.00E+00	4.92E+00	2.53E-07	4.92E+00	5.45E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	9.98E+01
MWS625A	4.93E-03	6.43E-01	2.08E-02	6.20E-01	0.00E+00	0.00E+00	3.68E+00	6.72E-06	3.09E-03	5.70E-03	0.00E+00	-3.74E-04	6.84E-10	3.50E-08	2.23E-02	1.08E+00	0.00E+00	0.00E+00	2.92E+00	4.92E-03	5.09E+00	0.00E+00	4.06E-08	2.03E-08	1.55E-03	1.75E-07	5.13E-01	0.00E+00	5.09E+00	2.95E-07	5.09E+00	5.59E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MWS632A	6.36E-03	8.01E-01	2.47E-02	7.71E-01	0.00E+00	0.00E+00	4.41E+00	8.22E-06	3.67E-03	7.09E-03	0.00E+00	-3.19E-04	8.24E-10	4.05E-08	2.76E-02	1.44E+00	0.00E+00	0.00E+00	3.73E+00	4.35E-03	6.15E+00	0.00E+00	4.91E-08	2.67E-08	1.98E-03	1.78E-07	6.66E-01	0.00E+00	6.15E+00	9.63E-07	6.15E+00	6.75E+00	6.66E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MWS640A	6.36E-03	8.01E-01	2.57E-02	7.71E-01	0.00E+00	0.00E+00	4.46E+00	8.19E-06	3.66E-03	7.11E-03	0.00E+00	-4.73E-04	8.60E-10	4.03E-08	2.75E-02	1.47E+00	0.00E+00	0.00E+00	3.84E+00	6.32E-03	6.16E+00	0.00E+00	4.96E-08	2.70E-08	1.97E-03	2.10E-07	6.79E-01	0.00E+00	6.16E+00	9.85E-07	6.16E+00	6.82E+00	6.79E-01	0.00E+00	0.00E+00	0.00E+00	1.41E+02
MX106	7.26E-04	1.66E-01	4.42E-03	1.59E-01	0.00E+00	0.00E+00	9.25E-01	1.67E-06	3.13E-04	1.45E-03	0.00E+00	-9.08E-05	1.55E-10	3.77E-09	5.96E-03	2.31E-01	0.00E+00	0.00E+00	6.73E-01	1.22E-03	1.22E+00	0.00E+00	9.96E-09	4.88E-09	3.68E-04	4.11E-08	1.22E-01	0.00E+00	1.22E+00	2.53E-07	1.22E+00	1.34E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MX110	8.52E-04	1.66E-01	4.84E-03	1.62E-01	0.00E+00	0.00E+00	9.66E-01	1.80E-06	3.98E-04	1.46E-03	0.00E+00	-8.06E-05	1.70E-10	4.83E-09	6.05E-03	2.52E-01	0.00E+00	0.00E+00	7.47E-01	1.11E-03	1.30E+00	0.00E+00	1.04E-08	5.23E-09	3.91E-04	4.00E-08	1.32E-01	0.00E+00	1.30E+00	2.53E-07	1.30E+00	1.43E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+01
MX113	8.40E-04	1.67E-01	4.57E-03	1.62E-01	0.00E+00	0.00E+00	9.74E-01	1.79E-06	3.90E-04	1.47E-03	0.00E+00	-7.53E-05	1.70E-10	4.80E-09	6.09E-03	2.47E-01	0.00E+00	0.00E+00	7.34E-01	1.04E-03	1.28E+00	0.00E+00	1.03E-08	5.11E-09	3.79E-04	3.82E-08	1.30E-01	0.00E+00	1.28E+00	2.55E-07	1.28E+00	1.42E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
MX116	6.56E-04	1.43E-01	3.84E-03	1.39E-01	0.00E+00	0.00E+00	7.98E-01	1.48E-06	2.75E-04	1.24E-03	0.00E+00	-4.61E-05	1.30E-10	3.50E-09	4.91E-03	2.13E-01	0.00E+00	0.00E+00	6.04E-01	6.37E-04	1.09E+00	0.00E+00	8.83E-09	4.41E-09	3.18E-04	2.61E-08	1.08E-01	0.00E+00	1.09E+00	2.19E-07	1.09E+00	1.20E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+01
MX120	8.64E-04	1.67E-01	4.98E-03	1.62E-01	0.00E+00	0.00E+00	9.72E-01	1.83E-06	4.16E-04	1.48E-03	0.00E+00	-7.66E-05	1.74E-10	5.22E-09	6.09E-03	2.62E-01	0.00E+00	0.00E+00	7.57E-01	1.07E-03	1.31E+00	0.00E+00	1.05E-08	5.30E-09	4.00E-04	3.95E-08	1.33E-01	0.00E+00	1.31E+00	2.55E-07	1.31E+00	1.44E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
MX125	9.70E-04	1.68E-01	5.14E-03	1.63E-01	0.00E+00	0.00E+00	9.97E-01	1.89E-06	4.72E-04	1.48E-03	0.00E+00	-7.40E-05	1.82E-10	5.68E-09	6.17E-03	2.72E-01	0.00E+00	0.00E+00	7.89E-01	1.02E-03	1.34E+00	0.00E+00	1.07E-08	5.41E-09	4.00E-04	3.81E-08	1.38E-01	0.00E+00	1.34E+00	2.53E-07	1.34E+00	1.48E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MX132	1.62E-03	2.00E-01	6.09E-03	1.93E-01	0.00E+00	0.00E+00	1.10E+00	1.99E-06	9.22E-04	1.75E-03	0.00E+00	-7.95E-05	2.09E-10	1.01E-08	6.75E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.10E-03	1.51E+00	0.00E+00	1.23E-08	6.63E-09	4.94E-04	4.08E-08	1.65E-01	0.00E+00	1.51E+00	2.39E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MX140	1.62E-03	2.03E-01	6.09E-03	1.94E-01	0.00E+00	0.00E+00	1.11E+00	1.99E-06	9.26E-04	1.80E-03	0.00E+00	-7.91E-05	2.09E-10	1.03E-08	6.86E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.11E-03	1.51E+00	0.00E+00	1.24E-08	6.63E-09	4.95E-04	4.10E-08	1.65E-01	0.00E+00	1.51E+00	2.39E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MX206	1.24E-03	3.19E-01	9.95E-03	3.09E-01	0.00E+00	0.00E+00	1.75E+00	3.34E-06	5.25E-04	2.74E-03	0.00E+00	-1.63E-04	3.31E-10	6.68E-09	1.15E-02	4.96E-01	0.00E+00	0.00E+00	1.36E+00	2.21E-03	2.44E+00	0.00E+00	1.94E-08	9.55E-09	7.51E-04	7.97E-08	2.44E-01	0.00E+00	2.44E+00	6.70E-07	2.44E+00	2.65E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MX210	1.39E-03	3.21E-01	9.68E-03	3.10E-01	0.00E+00	0.00E+00	1.79E+00	3.42E-06	6.65E-04	2.79E-03	0.00E+00	-1.63E-04	3.28E-10	8.02E-09	1.17E-02	4.95E-01	0.00E+00	0.00E+00	1.38E+00	2.21E-03	2.51E+00	0.00E+00	1.98E-08	9.66E-09	7.48E-04	7.95E-08	2.46E-01	0.00E+00	2.51E+00	7.27E-07	2.51E+00	2.72E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MX213	1.56E-03	3.23E-01	9.27E-03	3.13E-01	0.00E+00	0.00E+00	1.82E+00	3.48E-06	7.16E-04	2.81E-03	0.00E+00	-1.64E-04	3.35E-10	8.61E-09	1.19E-02	4.94E-01	0.00E+00	0.00E+00	1.42E+00	2.18E-03	2.55E+00	0.00E+00	2.02E-08	9.94E-09	7.48E-04	7.69E-08	2.50E-01	0.00E+00	2.55E+00	7.29E-07	2.55E+00	2.77E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.08E+01
MX216	1.58E-03	3.24E-01	9.28E-03	3.14E-01	0.00E+00	0.00E+00	1.83E+00	3.47E-06	7.25E-04	2.82E-03	0.00E+00	-1.64E-04	3.33E-10	8.85E-09	1.19E-02	4.95E-01	0.00E+00	0.00E+00	1.41E+00	2.19E-03	2.54E+00	0.00E+00	2.01E-08	9.93E-09	7.49E-04	7.67E-08	2.49E-01	0.00E+00	2.54E+00	7.28E-07	2.54E+00	2.76E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
MX220	1.68E-03	3.24E-01	9.31E-03	3.12E-01	0.00E+00	0.00E+00	1.84E+00	3.49E-06	8.10E-04	2.82E-03	0.00E+00	-1.66E-04	3.36E-10	9.61E-09	1.19E-02	5.02E-01	0.00E+00	0.00E+00	1.44E+00	2.19E-03	2.55E+00	0.00E+00	2.02E-08	1.00E-08	7.50E-04	7.87E-08	2.54E-01	0.00E+00	2.55E+00	7.42E-07	2.55E+00	2.78E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.15E+01
MX225	1.96E-03	3.25E-01	9.81E-03	3.12E-01	0.00E+00	0.00E+00	1.97E+00	3.73E-06	9.55E-04	2.90E-03	0.00E+00	-1.61E-04	3.53E-10	1.13E-08	1.29E-02	5.59E-01	0.00E+00	0.00E+00	1.64E+00	2.16E-03	2.89E+00	0.00E+00	2.31E-08	1.17E-08	7.57E-04	8.12E-08	2.86E-01	0.00E+00	2.89E+00	4.47E-07	2.89E+00	3.18E+00	2.86E-01	0.00E+00	0.00E+00	0.00E+00	5.87E+01
MX232	2.62E-03	3.96E-01	1.18E-02	3.87E-01	0.00E+00	0.00E+00	2.18E+00	3.98E-06	1.34E-03	3.54E-03	0.00E+00	-1.93E-04	4.08E-10	1.41E-08	1.37E-02	6.51E-01	0.00E+00	0.00E+00	1.85E+00	2.67E-03	3.04E+00	0.00E+00	2.48E-08	1.29E-08	9.81E-04	8.84E-08	3.24E-01	0.00E+00	3.04E+00	6.86E-07	3.04E+00	3.37E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.67E+01
MX240	3.25E-03	3.97E-01	1.28E-02	3.86E-01	0.00E+00	0.00E+00	2.17E+00	3.96E-06	1.91E-03	3.53E-03	0.00E+00	-2.35E-04	4.21E-10	2.09E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	3.06E-03	3.05E+00	0.00E+00	2.48E-08	1.33E-08	9.93E-04	1.02E-07	3.27E-01	0.00E+00	3.05E+00	6.80E-07	3.05E+00	3.37E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MX306	2.13E-03	4.69E-01	1.29E-02	4.58E-01	0.00E+00	0.00E+00	2.60E+00	4.85E-06	7.82E-04	4.13E-03	0.00E+00	-2.23E-04	4.63E-10	1.00E-08	1.72E-02	6.68E-01	0.00E+00	0.00E+00	1.97E+00	3.07E-03	3.60E+00	0.00E+00	2.89E-08	1.40E-08	1.08E-03	1.15E-07	3.49E-01	0.00E+00	3.60E+00	7.08E-07	3.60E+00	3.96E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.97E+01
MX310	2.18E-03	4.75E-01	1.33E-02	4.63E-01	0.00E+00	0.00E+00	2.69E+00	5.00E-06	8.74E-04	4.22E-03	0.00E+00	-2.17E-04	4.87E-10	1.09E-08	1.77E-02	6.80E-01	0.00E+00	0.00E+00	2.03E+00	2.90E-03	3.73E+00	0.00E+00	2.99E-08	1.45E-08	1.12E-03	1.11E-07	3.61E-01	0.00E+00	3.73E+00	7.56E-07	3.73E+00	4.09E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.27E+01
MX313	2.30E-03	4.75E-01	1.33E-02	4.63E-01	0.00E+00	0.00E+00	2.72E+00	5.07E-06	9.32E-04	4.23E-03	0.00E+00	-2.17E-04	4.91E-10	1.16E-08	1.78E-02	7.00E-01	0.00E+00	0.00E+00	2.04E+00	2.90E-03	3.76E+00	0.00E+00	3.00E-08	1.46E-08	1.13E-03	1.11E-07	3.63E-01	0.00E+00	3.76E+00	7.57E-07	3.76E+00	4.11E+00	3.63E-01	0.00E+00	0.00E+00	0.00E+00	7.32E+01
MX316	2.46E-03	4.78E-01	1.37E-02	4.65E-01	0.00E+00	0.00E+00	2.71E+00	5.05E-06	1.13E-03	4.26E-03	0.00E+00	-2.21E-04	4.91E-10	1.37E-08	1.78E-02	7.53E-01	0.00E+00	0.00E+00	2.06E+00	2.94E-03	3.77E+00	0.00E+00	3.02E-08	1.48E-08	1.13E-03	1.12E-07	3.67E-01	0.00E+00	3.77E+00	7.55E-07	3.77E+00	4.13E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
MX320	2.63E-03	4.98E-01	1.42E-02	4.84E-01	0.00E+00	0.00E+00	2.87E+00	5.43E-06	1.20E-03	4.30E-03	0.00E+00	-2.37E-04	5.20E-10	1.43E-08	1.92E-02	7.73E-01	0.00E+00	0.00E+00	2.28E+00	3.10E-03	3.97E+00	0.00E+00	3.19E-08	1.62E-08	1.15E-03	1.23E-07	4.02E-01	0.00E+00	3.97E+00	7.59E-07	3.97E+00	4.39E+00	4.02E-01	0.00E+00	0.00E+00	0.00E+00	8.17E+01
MX325	2.93E-03	5.03E-01	1.58E-02	4.83E-01	0.00E+00	0.00E+00	2.95E+00	5.47E-06	1.50E-03	4.38E-03	0.00E+00	-2.25E-04	5.38E-10	1.74E-08	1.89E-02	8.11E-01	0.00E+00	0.00E+00	2.33E+00	2.93E-03	3.98E+00	0.00E+00	3.22E-08	1.64E-08	1.16E-03	1.13E-07	4.11E-01	0.00E+00	3.98E+00	2.79E-07	3.98E+00	4.41E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.41E+01
MX332	4.59E-03	5.86E-01	1.82E-02	5.67E-01	0.00E+00	0.00E+00	3.17E+00	5.77E-06	2.60E-03	5.19E-03	0.00E+00	-2.44E-04	6.14E-10	2.85E-08	2.05E-02	1.05E+00	0.00E+00	0.00E+00	2.73E+00	3.31E-03	4.35E+00	0.00E+00	3.59E-08	1.95E-08	1.46E-03	1.26E-07	4.84E-01	0.00E+00	4.35E+00	7.08E-07	4.35E+00	4.84E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	9.96E+01
MX340	4.88E-03	5.89E-01	1.96E-02	5.69E-01	0.00E+00	0.00E+00	3.20E+00	5.80E-06	2.86E-03	5.21E-03	0.00E+00	-3.75E-04	6.16E-10	3.15E-08	2.05E-02	1.08E+00	0.00E+00	0.00E+00	2.74E+00	4.89E-03	4.40E+00	0.00E+00	3.60E-08	1.99E-08	1.47E-03	1.57E-07	4.87E-01	0.00E+00	4.40E+00	7.14E-07	4.40E+00	4.89E+00	4.87E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MX406	2.84E-03	5.88E-01	1.75E-02	5.72E-01	0.00E+00	0.00E+00	3.20E+00	5.84E-06	1.01E-03	5.09E-03	0.00E+00	-2.86E-04	5.79E-10	1.33E-08	2.11E-02	8.65E-01	0.00E+00	0.00E+00	2.45E+00	3.78E-03	4.27E+00	0.00E+00	3.50E-08	1.79E-08	1.35E-03	1.40E-07	4.35E-01	0.00E+00	4.27E+00	2.85E-07	4.27E+00	4.72E+00	4.35E-01	0.00E+00	0.00E+00	0.00E+00	8.77E+01
MX410	2.78E-03	5.93E-01	1.76E-02	5.74E-01	0.00E+00	0.00E+00	3.27E+00	5.90E-06	1.20E-03	5.15E-03	0.00E+00	-2.85E-04	5.96E-10	1.45E-08	2.17E-02	8.71E-01	0.00E+00	0.00E+00	2.48E+00	3.84E-03	4.30E+00	0.00E+00	3.56E-08	1.80E-08	1.37E-03	1.38E-07	4.40E-01	0.00E+00	4.30E+00	2.88E-07	4.30E+00	4.75E+00	4.40E-01	0.00E+00	0.00E+00	0.00E+00	8.84E+01
MX416	3.18E-03	6.24E-01	1.91E-02	6.03E-01	0.00E+00	0.00E+00	3.64E+00	6.91E-06	1.48E-03	5.43E-03	0.00E+00	-3.22E-04	6.45E-10	1.78E-08	2.31E-02	9.70E-01	0.00E+00	0.00E+00	2.82E+00	4.32E-03	4.97E+00	0.00E+00	3.91E-08	1.99E-08	1.46E-03	1.76E-07	4.97E-01	0.00E+00	4.97E+00	9.05E-07	4.97E+00	5.39E+00	4.97E-01	0.00E+00	0.00E+00	0.00E+00	9.94E+01
MX425	4.71E-03	6.36E-01	2.29E-02	6.14E-01	0.00E+00	0.00E+00	3.79E+00	6.99E-06	2.73E-03	5.56E-03	0.00E+00	-3.12E-04	6.85E-10	2.97E-08	2.40E-02	1.10E+00	0.00E+00	0.00E+00	2.91E+00	4.29E-03	5.09E+00	0.00E+00	4.08E-08	2.02E-08	1.52E-03	1.74E-07	5.16E-01	0.00E+00	5.09E+00	2.79E-07	5.09E+00	5.61E+00	5.16E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+02
MX432	6.30E-03	8.03E-01	2.49E-02	7.75E-01	0.00E+00	0.00E+00	4.37E+00	8.02E-06	3.71E-03	7.11E-03	0.00E+00	-3.26E-04	8.28E-10	4.06E-08	2.76E-02	1.44E+00	0.00E+00	0.00E+00	3.74E+00	4.49E-03	6.15E+00	0.00E+00	4.95E-08	2.68E-08	2.00E-03	1.92E-07	6.68E-01	0.00E+00	6.15E+00	8.70E-07	6.15E+00	6.73E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
MX440	6.38E-03	8.03E-01	2.55E-02	7.75E-01	0.00E+00	0.00E+00	4.36E+00	7.95E-06	3.75E-03	7.11E-03	0.00E+00	-4.53E-04	8.43E-10	4.11E-08	2.74E-02	1.44E+00	0.00E+00	0.00E+00	3.74E+00	6.04E-03	6.09E+00	0.00E+00	4.96E-08	2.67E-08	2.00E-03	2.11E-07	6.66E-01	0.00E+00	6.09E+00	8.65E-07	6.09E+00	6.73E+00	6.66E-01	0.00E+00	0.00E+00	0.00E+00	1.37E+02
MXN106	6.75E-04	1.57E-01	4.46E-03	1.51E-01	0.00E+00	0.00E+00	8.79E-01	1.59E-06	2.83E-04	1.40E-03	0.00E+00	-1.07E-04	1.51E-10	3.60E-09	5.72E-03	2.16E-01	0.00E+00	0.00E+00	6.55E-01	1.37E-03	1.19E+00	0.00E+00	9.66E-09	4.57E-09	3.47E-04	4.63E-08	1.15E-01	0.00E+00	1.19E+00	2.26E-07	1.19E+00	1.32E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.31E+01
MXN110	6.84E-04	1.57E-01	4.36E-03	1.51E-01	0.00E+00	0.00E+00	9.03E-01	1.69E-06	2.83E-04	1.40E-03	0.00E+00	-7.41E-05	1.58E-10	3.60E-09	5.81E-03	2.22E-01	0.00E+00	0.00E+00	6.71E-01	9.79E-04	1.22E+00	0.00E+00	9.77E-09	4.72E-09	3.50E-04	3.64E-08	1.18E-01	0.00E+00	1.22E+00	2.57E-07	1.22E+00	1.34E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
MXN116	7.66E-04	1.54E-01	4.39E-03	1.49E-01	0.00E+00	0.00E+00	8.89E-01	1.71E-06	3.52E-04	1.36E-03	0.00E+00	-7.22E-05	1.63E-10	4.26E-09	5.71E-03	2.32E-01	0.00E+00	0.00E+00	6.88E-01	9.72E-04	1.23E+00	0.00E+00	9.87E-09	4.86E-09	3.60E-04	3.61E-08	1.21E-01	0.00E+00	1.23E+00	2.59E-07	1.23E+00	1.35E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
MXN150	1.85E-03	2.09E-01	6.84E-03	2.00E-01	0.00E+00	0.00E+00	1.20E+00	2.19E-06	1.11E-03	1.87E-03	0.00E+00	-1.10E-04	2.33E-10	1.19E-08	7.38E-03	4.03E-01	0.00E+00	0.00E+00	1.04E+00	1.49E-03	1.62E+00	0.00E+00	1.32E-08	7.16E-09	5.41E-04	4.94E-08	1.84E-01	0.00E+00	1.62E+00	2.53E-07	1.62E+00	1.80E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.81E+01
MXN163	1.86E-03	2.09E-01	6.91E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.22E-06	1.21E-03	1.88E-03	0.00E+00	-1.12E-04	2.37E-10	1.27E-08	7.50E-03	4.03E-01	0.00E+00	0.00E+00	1.05E+00	1.56E-03	1.63E+00	0.00E+00	1.32E-08	7.21E-09	5.42E-04	4.99E-08	1.86E-01	0.00E+00	1.63E+00	2.55E-07	1.63E+00	1.81E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
MXN210	1.35E-03	3.00E-01	8.33E-03	2.93E-01	0.00E+00	0.00E+00	1.71E+00	3.32E-06	6.30E-04	2.64E-03	0.00E+00	-1.53E-04	3.17E-10	7.60E-09	1.14E-02	4.46E-01	0.00E+00	0.00E+00	1.32E+00	2.00E-03	2.41E+00	0.00E+00	1.91E-08	9.35E-09	6.85E-04	7.03E-08	2.34E-01	0.00E+00	2.41E+00	7.24E-07	2.41E+00	2.62E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	4.77E+01
MXN216	1.59E-03	3.01E-01	8.76E-03	2.91E-01	0.00E+00	0.00E+00	1.76E+00	3.37E-06	8.01E-04	2.67E-03	0.00E+00	-1.50E-04	3.21E-10	9.36E-09	1.16E-02	4.87E-01	0.00E+00	0.00E+00	1.37E+00	1.96E-03	2.47E+00	0.00E+00	1.96E-08	9.82E-09	7.33E-04	7.06E-08	2.43E-01	0.00E+00	2.47E+00	7.32E-07	2.47E+00	2.68E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.92E+01
MXN220	1.73E-03	3.16E-01	9.53E-03	3.05E-01	0.00E+00	0.00E+00	1.77E+00	3.36E-06	8.81E-04	2.73E-03	0.00E+00	-1.53E-04	3.34E-10	1.03E-08	1.16E-02	5.02E-01	0.00E+00	0.00E+00	1.42E+00	2.07E-03	2.46E+00	0.00E+00	1.98E-08	9.91E-09	7.47E-04	7.45E-08	2.49E-01	0.00E+00	2.46E+00	4.88E-07	2.46E+00	2.69E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	5.12E+01
MXN225	1.91E-03	3.20E-01	9.81E-03	3.12E-01	0.00E+00	0.00E+00	1.87E+00	3.54E-06	9.84E-04	2.82E-03	0.00E+00	-1.53E-04	3.41E-10	1.15E-08	1.20E-02	5.32E-01	0.00E+00	0.00E+00	1.50E+00	2.13E-03	2.57E+00	0.00E+00	2.05E-08	1.03E-08	7.58E-04	7.66E-08	2.62E-01	0.00E+00	2.57E+00	4.46E-07	2.57E+00	2.82E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	5.39E+01
MXN232	3.26E-03	3.98E-01	1.28E-02	3.87E-01	0.00E+00	0.00E+00	2.18E+00	3.99E-06	1.91E-03	3.54E-03	0.00E+00	-1.81E-04	4.20E-10	2.09E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.90E+00	2.44E-03	3.05E+00	0.00E+00	2.48E-08	1.33E-08	9.91E-04	8.71E-08	3.35E-01	0.00E+00	3.05E+00	6.89E-07	3.05E+00	3.37E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	7.04E+01
MXN240	3.26E-03	3.98E-01	1.32E-02	3.87E-01	0.00E+00	0.00E+00	2.18E+00	4.00E-06	1.91E-03	3.54E-03	0.00E+00	-2.40E-04	4.21E-10	2.09E-08	1.38E-02	7.31E-01	0.00E+00	0.00E+00	1.90E+00	3.19E-03	3.05E+00	0.00E+00	2.48E-08	1.33E-08	9.91E-04	1.05E-07	3.34E-01	0.00E+00	3.05E+00	6.88E-07	3.05E+00	3.36E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	7.01E+01
MXN250	3.80E-03	4.10E-01	1.41E-02	3.95E-01	0.00E+00	0.00E+00	2.42E+00	4.40E-06	2.32E-03	3.65E-03	0.00E+00	-2.36E-04	4.57E-10	2.54E-08	1.47E-02	8.17E-01	0.00E+00	0.00E+00	2.02E+00	3.12E-03	3.26E+00	0.00E+00	2.62E-08	1.40E-08	1.01E-03	1.04E-07	3.54E-01	0.00E+00	3.26E+00	7.18E-07	3.26E+00	3.59E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
MXN263	3.90E-03	4.10E-01	1.43E-02	3.96E-01	0.00E+00	0.00E+00	2.44E+00	4.45E-06	2.36E-03	3.66E-03	0.00E+00	-2.50E-04	4.62E-10	2.59E-08	1.48E-02	8.17E-01	0.00E+00	0.00E+00	2.05E+00	3.43E-03	3.27E+00	0.00E+00	2.62E-08	1.41E-08	1.01E-03	1.13E-07	3.56E-01	0.00E+00	3.27E+00	7.35E-07	3.27E+00	3.60E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.51E+01
MXN310	2.17E-03	4.50E-01	1.27E-02	4.38E-01	0.00E+00	0.00E+00	2.59E+00	4.91E-06	9.17E-04	3.96E-03	0.00E+00	-2.25E-04	4.69E-10	1.13E-08	1.69E-02	6.66E-01	0.00E+00	0.00E+00	1.99E+00	3.01E-03	3.59E+00	0.00E+00	2.87E-08	1.40E-08	1.03E-03	1.08E-07	3.51E-01	0.00E+00	3.59E+00	7.49E-07	3.59E+00	3.93E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	7.08E+01
MXN316	2.89E-03	5.80E-01	1.70E-02	5.65E-01	0.00E+00	0.00E+00	3.00E+00	5.63E-06	1.21E-03	5.14E-03	0.00E+00	-2.61E-04	5.90E-10	1.45E-08	2.05E-02	8.72E-01	0.00E+00	0.00E+00	2.44E+00	3.39E-03	4.26E+00	0.00E+00	3.48E-08	1.79E-08	1.30E-03	1.35E-07	4.36E-01	0.00E+00	4.26E+00	7.68E-07	4.26E+00	4.66E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	8.70E+01
MXN320	2.72E-03	4.63E-01	1.45E-02	4.49E-01	0.00E+00	0.00E+00	2.73E+00	5.09E-06	1.27E-03	4.06E-03	0.00E+00	-2.12E-04	5.02E-10	1.51E-08	1.75E-02	7.51E-01	0.00E+00	0.00E+00	2.13E+00	2.83E-03	3.64E+00	0.00E+00	2.93E-08	1.49E-08	1.09E-03	1.07E-07	3.73E-01	0.00E+00	3.64E+00	2.87E-07	3.64E+00	4.04E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.65E+01
MXN325	3.13E-03	5.85E-01	1.82E-02	5.68E-01	0.00E+00	0.00E+00	3.11E+00	5.77E-06	1.57E-03	5.20E-03	0.00E+00	-2.58E-04	6.07E-10	1.78E-08	2.12E-02	1.02E+00	0.00E+00	0.00E+00	2.76E+00	3.36E-03	4.26E+00	0.00E+00	3.52E-08	1.93E-08	1.42E-03	1.33E-07	4.89E-01	0.00E+00	4.26E+00	7.27E-07	4.26E+00	4.76E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MXN350	5.75E-03	6.12E-01	2.17E-02	5.91E-01	0.00E+00	0.00E+00	3.62E+00	6.59E-06	3.51E-03	5.51E-03	0.00E+00	-3.63E-04	6.89E-10	3.80E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.13E+00	4.82E-03	4.90E+00	0.00E+00	3.96E-08	2.19E-08	1.60E-03	1.69E-07	5.53E-01	0.00E+00	4.90E+00	7.51E-07	4.90E+00	5.47E+00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MXN363	5.82E-03	6.16E-01	2.18E-02	5.95E-01	0.00E+00	0.00E+00	3.67E+00	6.73E-06	3.54E-03	5.54E-03	0.00E+00	-3.63E-04	7.19E-10	3.85E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.22E+00	4.86E-03	4.95E+00	0.00E+00	3.99E-08	2.21E-08	1.61E-03	1.69E-07	5.64E-01	0.00E+00	4.95E+00	7.71E-07	4.95E+00	5.51E+00	5.64E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MXN406	2.76E-03	6.27E-01	2.08E-02	6.10E-01	0.00E+00	0.00E+00	3.39E+00	6.58E-06	1.08E-03	5.41E-03	0.00E+00	-3.03E-04	6.16E-10	1.39E-08	2.26E-02	8.92E-01	0.00E+00	0.00E+00	2.59E+00	4.09E-03	4.81E+00	0.00E+00	3.80E-08	1.89E-08	1.44E-03	1.76E-07	4.65E-01	0.00E+00	4.81E+00	9.20E-07	4.81E+00	5.18E+00	4.65E-01	0.00E+00	0.00E+00	0.00E+00	9.40E+01
MXN410	2.99E-03	6.40E-01	2.18E-02	6.23E-01	0.00E+00	0.00E+00	3.57E+00	6.97E-06	1.30E-03	5.53E-03	0.00E+00	-3.05E-04	6.46E-10	1.62E-08	2.44E-02	9.27E-01	0.00E+00	0.00E+00	2.67E+00	4.13E-03	4.90E+00	0.00E+00	3.89E-08	1.95E-08	1.46E-03	1.73E-07	4.82E-01	0.00E+00	4.90E+00	9.45E-07	4.90E+00	5.28E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	9.77E+01
MXN416	3.22E-03	6.08E-01	1.78E-02	5.90E-01	0.00E+00	0.00E+00	3.53E+00	6.84E-06	1.52E-03	5.39E-03	0.00E+00	-2.87E-04	6.50E-10	1.84E-08	2.31E-02	9.68E-01	0.00E+00	0.00E+00	2.80E+00	3.83E-03	4.87E+00	0.00E+00	3.88E-08	1.94E-08	1.42E-03	1.52E-07	4.88E-01	0.00E+00	4.87E+00	9.15E-07	4.87E+00	5.32E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	9.90E+01
MXN420	3.33E-03	6.18E-01	1.92E-02	5.98E-01	0.00E+00	0.00E+00	3.66E+00	7.07E-06	1.58E-03	5.44E-03	0.00E+00	-2.82E-04	6.79E-10	1.89E-08	2.34E-02	9.99E-01	0.00E+00	0.00E+00	2.86E+00	3.78E-03	5.02E+00	0.00E+00	4.01E-08	2.00E-08	1.46E-03	1.45E-07	5.03E-01	0.00E+00	5.02E+00	9.17E-07	5.02E+00	5.52E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MXN425	4.38E-03	6.35E-01	2.06E-02	6.15E-01	0.00E+00	0.00E+00	3.80E+00	7.05E-06	2.35E-03	5.58E-03	0.00E+00	-2.91E-04	6.93E-10	2.66E-08	2.38E-02	1.08E+00	0.00E+00	0.00E+00	2.96E+00	4.00E-03	5.12E+00	0.00E+00	4.09E-08	2.06E-08	1.51E-03	1.61E-07	5.21E-01	0.00E+00	5.12E+00	2.88E-07	5.12E+00	5.65E+00	5.21E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MXN432	5.45E-03	6.66E-01	2.46E-02	6.42E-01	0.00E+00	0.00E+00	4.27E+00	7.68E-06	3.61E-03	6.01E-03	0.00E+00	-2.95E-04	8.25E-10	3.79E-08	2.70E-02	1.37E+00	0.00E+00	0.00E+00	3.61E+00	4.04E-03	5.90E+00	0.00E+00	4.78E-08	2.57E-08	1.83E-03	1.66E-07	6.37E-01	0.00E+00	5.90E+00	2.89E-07	5.90E+00	6.51E+00	6.37E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+02
MXN440	6.40E-03	8.02E-01	2.55E-02	7.77E-01	0.00E+00	0.00E+00	4.37E+00	7.94E-06	3.78E-03	7.12E-03	0.00E+00	-4.56E-04	8.43E-10	4.14E-08	2.74E-02	1.43E+00	0.00E+00	0.00E+00	3.77E+00	6.04E-03	6.09E+00	0.00E+00	4.96E-08	2.67E-08	2.00E-03	2.12E-07	6.68E-01	0.00E+00	6.09E+00	8.99E-07	6.09E+00	6.73E+00	6.68E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
MXN450	6.40E-03	8.18E-01	2.73E-02	7.91E-01	0.00E+00	0.00E+00	4.84E+00	8.75E-06	3.60E-03	7.37E-03	0.00E+00	-4.16E-04	9.18E-10	4.05E-08	2.97E-02	1.59E+00	0.00E+00	0.00E+00	4.18E+00	5.57E-03	6.55E+00	0.00E+00	5.30E-08	2.90E-08	2.09E-03	1.96E-07	7.31E-01	0.00E+00	6.55E+00	2.80E-07	6.55E+00	7.30E+00	7.31E-01	0.00E+00	0.00E+00	0.00E+00	1.54E+02
MXN463	7.83E-03	8.33E-01	2.88E-02	8.05E-01	0.00E+00	0.00E+00	4.99E+00	9.10E-06	4.75E-03	7.47E-03	0.00E+00	-4.39E-04	9.62E-10	5.22E-08	3.01E-02	1.66E+00	0.00E+00	0.00E+00	4.34E+00	5.87E-03	6.70E+00	0.00E+00	5.38E-08	2.96E-08	2.16E-03	2.12E-07	7.60E-01	0.00E+00	6.70E+00	9.47E-07	6.70E+00	7.45E+00	7.60E-01	0.00E+00	0.00E+00	0.00E+00	1.61E+02
MY101	9.81E-04	1.90E-01	6.04E-03	1.84E-01	0.00E+00	0.00E+00	9.88E-01	1.84E-06	4.57E-04	1.64E-03	0.00E+00	-1.58E-04	1.88E-10	5.33E-09	6.48E-03	2.83E-01	0.00E+00	0.00E+00	7.92E-01	1.94E-03	1.42E+00	0.00E+00	1.16E-08	5.80E-09	4.39E-04	5.82E-08	1.40E-01	0.00E+00	1.42E+00	2.54E-07	1.42E+00	1.54E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
MY101E	1.03E-03	1.41E-01	7.31E-03	1.39E-01	0.00E+00	0.00E+00	1.03E+00	2.48E-06	4.35E-04	1.40E-03	0.00E+00	-3.21E-04	1.83E-10	5.57E-09	7.74E-03	2.97E-01	0.00E+00	0.00E+00	8.80E-01	4.18E-03	1.88E+00	0.00E+00	1.46E-08	7.38E-09	4.16E-04	1.13E-07	1.52E-01	0.00E+00	1.88E+00	5.55E-07	1.88E+00	2.05E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.15E+01

MY102	9.80E-04	2.00E-01	6.02E-03	1.92E-01	0.00E+00	0.00E+00	9.91E-01	1.86E-06	4.56E-04	1.69E-03	0.00E+00	-1.64E-04	1.92E-10	5.27E-09	6.51E-03	2.84E-01	0.00E+00	0.00E+00	7.96E-01	2.15E-03	1.43E+00	0.00E+00	1.16E-08	5.79E-09	4.41E-04	6.39E-08	1.40E-01	0.00E+00	1.43E+00	2.51E-07	1.43E+00	1.56E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.88E+01
MY102E	1.02E-03	1.38E-01	6.95E-03	1.36E-01	0.00E+00	0.00E+00	1.02E+00	2.41E-06	4.20E-04	1.38E-03	0.00E+00	-3.17E-04	1.83E-10	5.44E-09	7.53E-03	2.93E-01	0.00E+00	0.00E+00	8.71E-01	4.01E-03	1.82E+00	0.00E+00	1.42E-08	7.28E-09	4.15E-04	1.09E-07	1.51E-01	0.00E+00	1.82E+00	5.59E-07	1.82E+00	2.00E+00	1.51E-01	0.00E+00	0.00E+00	0.00E+00	3.11E+01
MY103	9.54E-04	1.94E-01	6.02E-03	1.88E-01	0.00E+00	0.00E+00	9.87E-01	1.86E-06	4.42E-04	1.66E-03	0.00E+00	-1.52E-04	1.92E-10	5.19E-09	6.48E-03	2.83E-01	0.00E+00	0.00E+00	7.94E-01	1.87E-03	1.42E+00	0.00E+00	1.15E-08	5.72E-09	4.39E-04	5.67E-08	1.40E-01	0.00E+00	1.42E+00	2.44E-07	1.42E+00	1.55E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
MY103E	1.01E-03	1.49E-01	7.38E-03	1.47E-01	0.00E+00	0.00E+00	1.05E+00	2.58E-06	4.39E-04	1.43E-03	0.00E+00	-3.30E-04	1.89E-10	5.51E-09	7.81E-03	2.95E-01	0.00E+00	0.00E+00	8.85E-01	4.38E-03	1.99E+00	0.00E+00	1.50E-08	7.60E-09	4.24E-04	1.16E-07	1.52E-01	0.00E+00	1.99E+00	5.96E-07	1.99E+00	2.15E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.16E+01
MY104	9.65E-04	2.00E-01	6.12E-03	1.92E-01	0.00E+00	0.00E+00	9.88E-01	1.87E-06	4.61E-04	1.71E-03	0.00E+00	-1.67E-04	1.92E-10	5.24E-09	6.51E-03	2.83E-01	0.00E+00	0.00E+00	7.89E-01	2.12E-03	1.42E+00	0.00E+00	1.15E-08	5.74E-09	4.42E-04	6.50E-08	1.39E-01	0.00E+00	1.42E+00	2.53E-07	1.42E+00	1.56E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
MY104E	9.93E-04	1.48E-01	7.40E-03	1.47E-01	0.00E+00	0.00E+00	1.05E+00	2.57E-06	4.36E-04	1.44E-03	0.00E+00	-3.31E-04	1.89E-10	5.43E-09	7.81E-03	2.94E-01	0.00E+00	0.00E+00	8.83E-01	4.41E-03	1.98E+00	0.00E+00	1.50E-08	7.59E-09	4.24E-04	1.16E-07	1.52E-01	0.00E+00	1.98E+00	5.96E-07	1.98E+00	2.15E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.14E+01
MY106	7.48E-04	1.65E-01	4.42E-03	1.59E-01	0.00E+00	0.00E+00	9.27E-01	1.72E-06	3.30E-04	1.45E-03	0.00E+00	-9.00E-05	1.54E-10	3.98E-09	5.96E-03	2.32E-01	0.00E+00	0.00E+00	6.75E-01	1.22E-03	1.22E+00	0.00E+00	9.97E-09	4.89E-09	3.69E-04	4.11E-08	1.22E-01	0.00E+00	1.22E+00	6.42E-07	1.22E+00	1.35E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+01
MY106E	8.36E-04	1.62E-01	4.51E-03	1.58E-01	0.00E+00	0.00E+00	8.92E-01	1.66E-06	4.16E-04	1.40E-03	0.00E+00	-8.59E-05	1.57E-10	4.91E-09	5.69E-03	2.44E-01	0.00E+00	0.00E+00	6.85E-01	1.17E-03	1.22E+00	0.00E+00	9.88E-09	5.00E-09	3.73E-04	3.99E-08	1.22E-01	0.00E+00	1.22E+00	2.39E-07	1.22E+00	1.34E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
MY106P	9.81E-04	1.81E-01	7.32E-03	1.77E-01	0.00E+00	0.00E+00	1.09E+00	2.51E-06	4.21E-04	1.56E-03	0.00E+00	-1.91E-04	2.06E-10	5.15E-09	7.53E-03	3.14E-01	0.00E+00	0.00E+00	9.08E-01	2.54E-03	1.97E+00	0.00E+00	1.51E-08	7.58E-09	4.64E-04	8.05E-08	1.55E-01	0.00E+00	1.97E+00	5.84E-07	1.97E+00	2.14E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.22E+01
MY110	7.13E-04	1.62E-01	4.42E-03	1.56E-01	0.00E+00	0.00E+00	9.36E-01	1.73E-06	3.01E-04	1.45E-03	0.00E+00	-8.04E-05	1.61E-10	3.64E-09	5.98E-03	2.26E-01	0.00E+00	0.00E+00	6.90E-01	1.08E-03	1.23E+00	0.00E+00	1.00E-08	4.84E-09	3.66E-04	3.80E-08	1.24E-01	0.00E+00	1.23E+00	2.54E-07	1.23E+00	1.36E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.47E+01
MY110E	6.60E-04	1.20E-01	4.02E-03	1.16E-01	0.00E+00	0.00E+00	8.31E-01	1.73E-06	2.60E-04	1.14E-03	0.00E+00	-7.00E-05	1.48E-10	3.43E-09	5.53E-03	2.15E-01	0.00E+00	0.00E+00	6.53E-01	9.46E-04	1.28E+00	0.00E+00	1.00E-08	4.74E-09	3.20E-04	3.54E-08	1.14E-01	0.00E+00	1.28E+00	3.58E-07	1.28E+00	1.40E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MY110P	6.59E-04	1.23E-01	4.02E-03	1.18E-01	0.00E+00	0.00E+00	8.31E-01	1.73E-06	2.59E-04	1.14E-03	0.00E+00	-7.13E-05	1.48E-10	3.43E-09	5.53E-03	2.15E-01	0.00E+00	0.00E+00	6.53E-01	9.77E-04	1.28E+00	0.00E+00	1.00E-08	4.74E-09	3.20E-04	3.59E-08	1.14E-01	0.00E+00	1.28E+00	3.58E-07	1.28E+00	1.40E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.32E+01
MY113	8.41E-04	1.67E-01	4.56E-03	1.62E-01	0.00E+00	0.00E+00	9.64E-01	1.78E-06	3.98E-04	1.47E-03	0.00E+00	-7.54E-05	1.69E-10	4.79E-09	6.06E-03	2.47E-01	0.00E+00	0.00E+00	7.33E-01	1.04E-03	1.28E+00	0.00E+00	1.03E-08	5.11E-09	3.79E-04	3.82E-08	1.29E-01	0.00E+00	1.28E+00	2.57E-07	1.28E+00	1.41E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.64E+01
MY116	7.71E-04	1.60E-01	4.48E-03	1.57E-01	0.00E+00	0.00E+00	9.06E-01	1.74E-06	3.52E-04	1.40E-03	0.00E+00	-7.57E-05	1.63E-10	4.28E-09	5.75E-03	2.37E-01	0.00E+00	0.00E+00	7.05E-01	1.02E-03	1.24E+00	0.00E+00	1.00E-08	5.01E-09	3.69E-04	3.71E-08	1.25E-01	0.00E+00	1.24E+00	2.55E-07	1.24E+00	1.37E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.53E+01
MY116E	6.40E-04	1.43E-01	3.84E-03	1.39E-01	0.00E+00	0.00E+00	8.00E-01	1.49E-06	2.63E-04	1.24E-03	0.00E+00	-4.42E-05	1.32E-10	3.34E-09	4.89E-03	2.12E-01	0.00E+00	0.00E+00	6.04E-01	6.12E-04	1.09E+00	0.00E+00	8.84E-09	4.40E-09	3.17E-04	2.60E-08	1.09E-01	0.00E+00	1.09E+00	2.19E-07	1.09E+00	1.20E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+01
MY116P	6.60E-04	1.21E-01	4.01E-03	1.16E-01	0.00E+00	0.00E+00	8.27E-01	1.73E-06	2.58E-04	1.14E-03	0.00E+00	-6.12E-05	1.49E-10	3.43E-09	5.48E-03	2.20E-01	0.00E+00	0.00E+00	6.54E-01	8.36E-04	1.27E+00	0.00E+00	1.00E-08	4.85E-09	3.16E-04	3.31E-08	1.15E-01	0.00E+00	1.27E+00	3.57E-07	1.27E+00	1.40E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.35E+01
MY120	8.49E-04	1.63E-01	4.75E-03	1.58E-01	0.00E+00	0.00E+00	9.24E-01	1.78E-06	4.14E-04	1.42E-03	0.00E+00	-7.40E-05	1.71E-10	5.15E-09	5.81E-03	2.55E-01	0.00E+00	0.00E+00	7.28E-01	1.01E-03	1.27E+00	0.00E+00	1.02E-08	5.12E-09	3.83E-04	3.67E-08	1.28E-01	0.00E+00	1.27E+00	2.58E-07	1.27E+00	1.40E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.63E+01
MY120E	7.70E-04	1.42E-01	3.95E-03	1.39E-01	0.00E+00	0.00E+00	8.14E-01	1.53E-06	3.64E-04	1.26E-03	0.00E+00	-4.96E-05	1.38E-10	4.37E-09	5.30E-03	2.14E-01	0.00E+00	0.00E+00	6.20E-01	6.61E-04	1.14E+00	0.00E+00	9.20E-09	4.47E-09	3.35E-04	2.88E-08	1.10E-01	0.00E+00	1.14E+00	2.13E-07	1.14E+00	1.24E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
MY120P	6.59E-04	1.22E-01	4.01E-03	1.18E-01	0.00E+00	0.00E+00	8.32E-01	1.74E-06	2.59E-04	1.14E-03	0.00E+00	-6.60E-05	1.50E-10	3.43E-09	5.53E-03	2.15E-01	0.00E+00	0.00E+00	6.54E-01	8.99E-04	1.28E+00	0.00E+00	1.01E-08	4.77E-09	3.17E-04	3.46E-08	1.15E-01	0.00E+00	1.28E+00	3.58E-07	1.28E+00	1.41E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	2.34E+01
MY125	1.00E-03	1.69E-01	5.25E-03	1.63E-01	0.00E+00	0.00E+00	1.01E+00	1.89E-06	4.74E-04	1.49E-03	0.00E+00	-7.40E-05	1.83E-10	5.73E-09	6.19E-03	2.75E-01	0.00E+00	0.00E+00	7.90E-01	1.02E-03	1.34E+00	0.00E+00	1.08E-08	5.44E-09	4.13E-04	3.83E-08	1.39E-01	0.00E+00	1.34E+00	2.53E-07	1.34E+00	1.48E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
MY132	1.62E-03	2.00E-01	6.09E-03	1.94E-01	0.00E+00	0.00E+00	1.10E+00	1.99E-06	9.23E-04	1.77E-03	0.00E+00	-7.99E-05	2.10E-10	1.02E-08	6.73E-03	3.59E-01	0.00E+00	0.00E+00	9.28E-01	1.10E-03	1.51E+00	0.00E+00	1.23E-08	6.63E-09	4.95E-04	4.07E-08	1.65E-01	0.00E+00	1.51E+00	2.38E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
MY132E	1.62E-03	2.00E-01	6.09E-03	1.94E-01	0.00E+00	0.00E+00	1.10E+00	1.99E-06	9.22E-04	1.77E-03	0.00E+00	-7.99E-05	2.10E-10	1.02E-08	6.73E-03	3.59E-01	0.00E+00	0.00E+00	9.28E-01	1.10E-03	1.51E+00	0.00E+00	1.23E-08	6.63E-09	4.95E-04	4.07E-08	1.65E-01	0.00E+00	1.51E+00	2.38E-07	1.51E+00	1.68E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
MY132P	1.46E-03	1.71E-01	7.56E-03	1.66E-01	0.00E+00	0.00E+00	1.11E+00	2.57E-06	7.93E-04	1.55E-03	0.00E+00	-2.67E-04	1.97E-10	9.15E-09	7.83E-03	3.65E-01	0.00E+00	0.00E+00	9.81E-01	3.65E-03	1.99E+00	0.00E+00	1.52E-08	7.79E-09	4.60E-04	1.01E-07	1.71E-01	0.00E+00	1.99E+00	5.73E-07	1.99E+00	2.16E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.58E+01
MY140	1.62E-03	2.00E-01	6.10E-03	1.93E-01	0.00E+00	0.00E+00	1.09E+00	1.98E-06	9.27E-04	1.75E-03	0.00E+00	-7.72E-05	2.08E-10	1.02E-08	6.74E-03	3.60E-01	0.00E+00	0.00E+00	9.24E-01	1.05E-03	1.51E+00	0.00E+00	1.23E-08	6.62E-09	4.94E-04	3.98E-08	1.64E-01	0.00E+00	1.51E+00	2.35E-07	1.51E+00	1.67E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
MY140E	1.54E-03	1.68E-01	7.49E-03	1.66E-01	0.00E+00	0.00E+00	1.11E+00	2.58E-06	8.33E-04	1.55E-03	0.00E+00	-2.81E-04	1.97E-10	9.60E-09	7.82E-03	3.65E-01	0.00E+00	0.00E+00	9.78E-01	3.79E-03	1.99E+00	0.00E+00	1.52E-08	7.78E-09	4.59E-04	1.09E-07	1.70E-01	0.00E+00	1.99E+00	5.73E-07	1.99E+00	2.16E+00	1.70E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
MY140P	1.50E-03	1.35E-01	6.81E-03	1.29E-01	0.00E+00	0.00E+00	1.04E+00	2.30E-06	8.44E-04	1.37E-03	0.00E+00	-2.65E-04	1.84E-10	9.58E-09	7.39E-03	3.15E-01	0.00E+00	0.00E+00	8.86E-01	3.40E-03	1.70E+00	0.00E+00	1.30E-08	6.46E-09	4.17E-04	1.02E-07	1.55E-01	0.00E+00	1.70E+00	5.05E-07	1.70E+00	1.86E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
MY150	1.79E-03	2.06E-01	6.79E-03	1.99E-01	0.00E+00	0.00E+00	1.16E+00	2.16E-06	1.04E-03	1.81E-03	0.00E+00	-1.08E-04	2.21E-10	1.14E-08	7.30E-03	3.94E-01	0.00E+00	0.00E+00	9.92E-01	1.49E-03	1.61E+00	0.00E+00	1.30E-08	7.01E-09	5.26E-04	4.84E-08	1.76E-01	0.00E+00	1.61E+00	2.42E-07	1.61E+00	1.78E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	3.69E+01
MY150E	1.67E-03	1.76E-01	7.71E-03	1.71E-01	0.00E+00	0.00E+00	1.21E+00	2.57E-06	8.65E-04	1.58E-03	0.00E+00	-3.01E-04	2.26E-10	1.03E-08	7.72E-03	3.99E-01	0.00E+00	0.00E+00	1.05E+00	3.87E-03	2.00E+00	0.00E+00	1.53E-08	7.91E-09	5.32E-04	8.86E-08	1.83E-01	0.00E+00	2.00E+00	5.78E-07	2.00E+00	2.17E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	3.83E+01
MY163	1.84E-03	2.07E-01	6.90E-03	1.99E-01	0.00E+00	0.00E+00	1.18E+00	2.19E-06	1.17E-03	1.82E-03	0.00E+00	-1.10E-04	2.29E-10	1.25E-08	7.33E-03	3.98E-01	0.00E+00	0.00E+00	1.02E+00	1.54E-03	1.62E+00	0.00E+00	1.32E-08	7.13E-09	5.36E-04	4.89E-08	1.80E-01	0.00E+00	1.62E+00	2.42E-07	1.62E+00	1.80E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	3.82E+01
MY163E	1.76E-03	1.74E-01	7.84E-03	1.70E-01	0.00E+00	0.00E+00	1.21E+00	2.61E-06	1.01E-03	1.58E-03	0.00E+00	-3.37E-04	2.31E-10	1.12E-08	7.96E-03	4.00E-01	0.00E+00	0.00E+00	1.05E+00	4.39E-03	2.00E+00	0.00E+00	1.55E-08	7.91E-09	5.30E-04	1.14E-07	1.84E-01	0.00E+00	2.00E+00	5.76E-07	2.00E+00	2.18E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
MY201	2.16E-03	3.94E-01	1.18E-02	3.75E-01	0.00E+00	0.00E+00	2.06E+00	3.90E-06	5.03E-04	3.41E-03	0.00E+00	-3.17E-04	3.88E-10	6.95E-09	1.34E-02	5.60E-01	0.00E+00	0.00E+00	1.73E+00	4.37E-03	2.94E+00	0.00E+00	2.38E-08	1.22E-08	9.05E-04	1.34E-07	3.02E-01	0.00E+00	2.94E+00	7.18E-07	2.94E+00	3.29E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	6.13E+01
MY202	2.16E-03	3.98E-01	1.18E-02	3.83E-01	0.00E+00	0.00E+00	2.10E+00	3.95E-06	5.07E-04	3.45E-03	0.00E+00	-3.19E-04	3.88E-10	7.04E-09	1.37E-02	5.59E-01	0.00E+00	0.00E+00	1.74E+00	4.36E-03	3.00E+00	0.00E+00	2.40E-08	1.23E-08	9.08E-04	1.35E-07	3.05E-01	0.00E+00	3.00E+00	7.18E-07	3.00E+00	3.30E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
MY202E	2.18E-03	3.40E-01	1.14E-02	3.38E-01	0.00E+00	0.00E+00	2.11E+00	4.48E-06	4.83E-04	3.06E-03	0.00E+00	-3.60E-04	3.72E-10	7.18E-09	1.46E-02	6.34E-01	0.00E+00	0.00E+00	1.84E+00	4.84E-03	3.57E+00	0.00E+00	2.81E-08	1.43E-08	9.29E-04	1.30E-07	3.25E-01	0.00E+00	3.57E+00	1.18E-06	3.57E+00	3.85E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
MY203	2.02E-03	3.94E-01	1.18E-02	3.75E-01	0.00E+00	0.00E+00	2.05E+00	3.85E-06	8.53E-04	3.40E-03	0.00E+00	-3.02E-04	3.88E-10	9.87E-09	1.32E-02	5.54E-01	0.00E+00	0.00E+00	1.73E+00	4.06E-03	2.92E+00	0.00E+00	2.38E-08	1.22E-08	9.03E-04	1.29E-07	3.01E-01	0.00E+00	2.92E+00	5.03E-07	2.92E+00	3.27E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.13E+01
MY203E	2.22E-03	3.40E-01	1.14E-02	3.36E-01	0.00E+00	0.00E+00	2.11E+00	4.59E-06	8.51E-04	3.05E-03	0.00E+00	-3.60E-04	3.73E-10	1.05E-08	1.53E-02	6.33E-01	0.00E+00	0.00E+00	1.84E+00	4.75E-03	3.70E+00	0.00E+00	2.90E-08	1.43E-08	9.27E-04	1.26E-07	3.25E-01	0.00E+00	3.70E+00	1.18E-06	3.70E+00	3.97E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.58E+01
MY204	2.02E-03	3.94E-01	1.18E-02	3.75E-01	0.00E+00	0.00E+00	2.06E+00	3.87E-06	8.51E-04	3.41E-03	0.00E+00	-3.07E-04	3.88E-10	9.88E-09	1.34E-02	5.55E-01	0.00E+00	0.00E+00	1.73E+00	4.18E-03	2.92E+00	0.00E+00	2.38E-08	1.22E-08	9.03E-04	1.33E-07	3.01E-01	0.00E+00	2.92E+00	5.02E-07	2.92E+00	3.27E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.13E+01
MY204E	2.21E-03	2.82E-01	1.13E-02	2.68E-01	0.00E+00	0.00E+00	2.06E+00	4.37E-06	8.57E-04	2.65E-03	0.00E+00	-3.54E-04	3.63E-10	1.04E-08	1.44E-02	6.28E-01	0.00E+00	0.00E+00	1.82E+00	4.68E-03	3.48E+00	0.00E+00	2.76E-08	1.41E-08	8.24E-04	1.29E-07	3.20E-01	0.00E+00	3.48E+00	5.51E-07	3.48E+00	3.78E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	6.54E+01
MY206	1.24E-03	3.20E-01	9.93E-03	3.09E-01	0.00E+00	0.00E+00	1.75E+00	3.34E-06	5.21E-04	2.74E-03	0.00E+00	-1.64E-04	3.31E-10	6.67E-09	1.15E-02	4.93E-01	0.00E+00	0.00E+00	1.36E+00	2.21E-03	2.44E+00	0.00E+00	1.95E-08	9.52E-09	7.50E-04	7.95E-08	2.44E-01	0.00E+00	2.44E+00	6.72E-07	2.44E+00	2.65E+00	2.44E-01	0.00E+00	0.00E+00	0.00E+00	4.87E+01
MY206E	1.14E-03	2.15E-01	7.80E-03	2.08E-01	0.00E+00	0.00E+00	1.68E+00	3.60E-06	4.86E-04	2.08E-03	0.00E+00	-1.15E-04	2.97E-10	6.18E-09	1.17E-02	4.44E-01	0.00E+00	0.00E+00	1.35E+00	1.40E-03	2.74E+00	0.00E+00	2.10E-08	9.99E-09	6.13E-04	5.48E-08	2.39E-01	0.00E+00	2.74E+00	7.66E-07	2.74E+00	2.98E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.82E+01
MY206P	2.20E-03	3.53E-01	1.22E-02	3.44E-01	0.00E+00	0.00E+00	2.23E+00	4.40E-06	4.66E-04	3.09E-03	0.00E+00	-2.68E-04	3.94E-10	6.98E-09	1.43E-02	6.54E-01	0.00E+00	0.00E+00	1.85E+00	3.57E-03	3.48E+00	0.00E+00	2.77E-08	1.41E-08	9.60E-04	1.12E-07	3.30E-01	0.00E+00	3.48E+00	1.39E-06	3.48E+00	3.77E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	6.67E+01
MY210	1.35E-03	3.07E-01	8.88E-03	2.98E-01	0.00E+00	0.00E+00	1.78E+00	3.39E-06	6.46E-04	2.72E-03	0.00E+00	-1.53E-04	3.20E-10	7.81E-09	1.16E-02	4.87E-01	0.00E+00	0.00E+00	1.36E+00	1.99E-03	2.49E+00	0.00E+00	1.97E-08	9.57E-09	7.33E-04	6.99E-08	2.43E-01	0.00E+00	2.49E+00	7.23E-07	2.49E+00	2.71E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.86E+01
MY210P	1.29E-03	2.71E-01	8.60E-03	2.54E-01	0.00E+00	0.00E+00	1.64E+00	3.54E-06	5.12E-04	2.55E-03	0.00E+00	-8.59E-05	3.27E-10	6.60E-09	1.13E-02	4.77E-01	0.00E+00	0.00E+00	1.37E+00	1.14E-03	2.73E+00	0.00E+00	2.10E-08	1.00E-08	6.82E-04	5.04E-08	2.39E-01	0.00E+00	2.73E+00	4.33E-07	2.73E+00	2.98E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MY213	1.56E-03	3.24E-01	9.28E-03	3.13E-01	0.00E+00	0.00E+00	1.82E+00	3.49E-06	7.15E-04	2.82E-03	0.00E+00	-1.64E-04	3.36E-10	8.62E-09	1.19E-02	4.96E-01	0.00E+00	0.00E+00	1.42E+00	2.17E-03	2.56E+00	0.00E+00	2.02E-08	9.99E-09	7.49E-04	7.74E-08	2.50E-01	0.00E+00	2.56E+00	7.26E-07	2.56E+00	2.78E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.09E+01
MY216	1.55E-03	3.09E-01	8.95E-03	3.00E-01	0.00E+00	0.00E+00	1.81E+00	3.43E-06	7.20E-04	2.75E-03	0.00E+00	-1.53E-04	3.21E-10	8.70E-09	1.17E-02	4.91E-01	0.00E+00	0.00E+00	1.39E+00	2.00E-03	2.52E+00	0.00E+00	2.00E-08	9.86E-09	7.42E-04	7.05E-08	2.47E-01	0.00E+00	2.52E+00	7.27E-07	2.52E+00	2.74E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
MY216P	1.30E-03	2.28E-01	7.77E-03	2.26E-01	0.00E+00	0.00E+00	1.63E+00	3.64E-06	5.64E-04	2.23E-03	0.00E+00	-7.92E-05	3.03E-10	6.96E-09	1.15E-02	4.62E-01	0.00E+00	0.00E+00	1.37E+00	1.06E-03	2.78E+00	0.00E+00	2.13E-08	1.04E-08	6.11E-04	4.75E-08	2.38E-01	0.00E+00	2.78E+00	8.40E-07	2.78E+00	3.02E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	4.95E+01
MY220	1.71E-03	3.24E-01	9.28E-03	3.11E-01	0.00E+00	0.00E+00	1.80E+00	3.42E-06	8.13E-04	2.80E-03	0.00E+00	-1.53E-04	3.32E-10	9.68E-09	1.18E-02	5.02E-01	0.00E+00	0.00E+00	1.43E+00	2.03E-03	2.52E+00	0.00E+00	2.01E-08	9.94E-09	7.46E-04	7.43E-08	2.50E-01	0.00E+00	2.52E+00	4.86E-07	2.52E+00	2.75E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.12E+01
MY220E	1.68E-03	2.91E-01	1.15E-02	2.74E-01	0.00E+00	0.00E+00	1.83E+00	3.77E-06	8.98E-04	2.67E-03	0.00E+00	-1.99E-04	3.46E-10	1.06E-08	1.20E-02	5.30E-01	0.00E+00	0.00E+00	1.46E+00	2.54E-03	2.79E+00	0.00E+00	2.12E-08	1.04E-08	7.98E-04	9.34E-08	2.60E-01	0.00E+00	2.79E+00	8.67E-07	2.79E+00	2.99E+00	2.60E-01	0.00E+00	0.00E+00	0.00E+00	5.34E+01
MY220P	1.72E-03	2.93E-01	1.16E-02	2.78E-01	0.00E+00	0.00E+00	1.90E+00	3.77E-06	9.02E-04	2.68E-03	0.00E+00	-2.24E-04	3.50E-10	1.07E-08	1.21E-02	5.37E-01	0.00E+00	0.00E+00	1.47E+00	2.86E-03	2.79E+00	0.00E+00	2.13E-08	1.05E-08	7.98E-04	9.60E-08	2.62E-01	0.00E+00	2.79E+00	8.75E-07	2.79E+00	2.99E+00	2.62E-01	0.00E+00	0.00E+00	0.00E+00	5.42E+01
MY225	1.91E-03	3.29E-01	9.73E-03	3.19E-01	0.00E+00	0.00E+00	1.87E+00	3.54E-06	9.49E-04	2.88E-03	0.00E+00	-1.55E-04	3.44E-10	1.13E-08	1.20E-02	5.33E-01	0.00E+00	0.00E+00	1.50E+00	2.10E-03	2.59E+00	0.00E+00	2.07E-08	1.04E-08	7.55E-04	7.78E-08	2.63E-01	0.00E+00	2.59E+00	4.47E-07	2.59E+00	2.85E+00	2.63E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
MY225E	2.21E-03	3.41E-01	1.10E-02	3.37E-01	0.00E+00	0.00E+00	2.12E+00	4.45E-06	9.50E-04	3.08E-03	0.00E+00	-2.45E-04	3.73E-10	1.18E-08	1.43E-02	6.48E-01	0.00E+00	0.00E+00	1.82E+00	3.35E-03	3.56E+00	0.00E+00	2.79E-08	1.44E-08	9.31E-04	9.49E-08	3.23E-01	0.00E+00	3.56E+00	1.20E-06	3.56E+00	3.82E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.62E+01
MY225P	2.22E-03	3.76E-01	1.11E-02	3.65E-01	0.00E+00	0.00E+00	2.16E+00	4.54E-06	9.40E-04	3.25E-03	0.00E+00	-2.70E-04	3.88E-10	1.19E-08	1.48E-02	6.57E-01	0.00E+00	0.00E+00	1.90E+00	3.59E-03	3.58E+00	0.00E+00	2.80E-08	1.44E-08	9.79E-04	1.01E-07	3.35E-01	0.00E+00	3.58E+00	1.30E-06	3.58E+00	3.86E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
MY232	2.62E-03	3.97E-01	1.17E-02	3.87E-01	0.00E+00	0.00E+00	2.18E+00	3.98E-06	1.34E-03	3.54E-03	0.00E+00	-1.84E-04	4.08E-10	1.41E-08	1.37E-02	6.52E-01	0.00E+00	0.00E+00	1.84E+00	2.45E-03	3.05E+00	0.00E+00	2.48E-08	1.29E-08	9.81E-04	8.62E-08	3.23E-01	0.00E+00	3.05E+00	6.83E-07	3.05E+00	3.36E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.63E+01
MY232E	2.50E-03	3.38E-01	1.14E-02	3.32E-01	0.00E+00	0.00E+00	2.15E+00	4.48E-06	1.06E-03	3.09E-03	0.00E+00	-2.71E-04	3.76E-10	1.25E-08	1.45E-02	6.79E-01	0.00E+00	0.00E+00	1.88E+00	3.49E-03	3.62E+00	0.00E+00	2.83E-08	1.46E-08	9.38E-04	9.70E-08	3.31E-01	0.00E+00	3.62E+00	1.20E-06	3.62E+00	3.88E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	6.82E+01
MY232P	2.49E-03	3.41E-01	1.13E-02	3.37E-01	0.00E+00	0.00E+00	2.14E+00	4.45E-06	1.06E-03	3.10E-03	0.00E+00	-2.80E-04	3.85E-10	1.27E-08	1.43E-02	6.81E-01	0.00E+00	0.00E+00	1.88E+00	3.50E-03	3.54E+00	0.00E+00	2.79E-08	1.45E-08	9.70E-04	9.71E-08	3.29E-01	0.00E+00	3.54E+00	1.37E-06	3.54E+00	3.83E+00	3.29E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
MY240	3.24E-03	3.95E-01	1.28E-02	3.81E-01	0.00E+00	0.00E+00	2.16E+00	3.95E-06	1.91E-03	3.50E-03	0.00E+00	-2.36E-04	4.21E-10	2.09E-08	1.36E-02	7.22E-01	0.00E+00	0.00E+00	1.85E+00	3.06E-03	3.02E+00	0.00E+00	2.45E-08	1.33E-08	9.83E-04	1.02E-07	3.27E-01	0.00E+00	3.02E+00	6.78E-07	3.02E+00	3.35E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.78E+01
MY240E	3.17E-03	3.40E-01	1.29E-02	3.35E-01	0.00E+00	0.00E+00	2.15E+00	4.48E-06	1.66E-03	3.10E-03	0.00E+00	-3.20E-04	3.89E-10	1.95E-08	1.44E-02	7.28E-01	0.00E+00	0.00E+00	1.90E+00	4.10E-03	3.63E+00	0.00E+00	2.86E-08	1.52E-08	9.47E-04	1.04E-07	3.35E-01	0.00E+00	3.63E+00	1.19E-06	3.63E+00	3.92E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.98E+01
MY240P	3.19E-03	3.43E-01	1.29E-02	3.37E-01	0.00E+00	0.00E+00	2.15E+00	4.46E-06	1.70E-03	3.10E-03	0.00E+00	-3.68E-04	3.96E-10	1.95E-08	1.44E-02	7.28E-01	0.00E+00	0.00E+00	1.90E+00	4.55E-03	3.57E+00	0.00E+00	2.83E-08	1.51E-08	9.75E-04	1.06E-07	3.35E-01	0.00E+00	3.57E+00	1.29E-06	3.57E+00	3.87E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MY250	3.43E-03	4.05E-01	1.39E-02	3.91E-01	0.00E+00	0.00E+00	2.40E+00	4.31E-06	1.71E-03	3.59E-03	0.00E+00	-2.29E-04	4.32E-10	2.02E-08	1.45E-02	7.87E-01	0.00E+00	0.00E+00	2.00E+00	3.05E-03	3.21E+00	0.00E+00	2.58E-08	1.38E-08	1.01E-03	1.00E-07	3.49E-01	0.00E+00	3.21E+00	7.31E-07	3.21E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
MY250E	2.96E-03	3.39E-01	1.48E-02	3.27E-01	0.00E+00	0.00E+00	2.37E+00	4.85E-06	1.26E-03	3.08E-03	0.00E+00	-4.71E-04	4.00E-10	1.52E-08	1.56E-02	7.75E-01	0.00E+00	0.00E+00	2.06E+00	6.03E-03	3.90E+00	0.00E+00	2.98E-08	1.50E-08	9.51E-04	1.99E-07	3.61E-01	0.00E+00	3.90E+00	1.15E-06	3.90E+00	4.19E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.47E+01
MY263	3.86E-03	4.08E-01	1.45E-02	3.92E-01	0.00E+00	0.00E+00	2.41E+00	4.38E-06	2.37E-03	3.61E-03	0.00E+00	-2.58E-04	4.55E-10	2.56E-08	1.47E-02	8.26E-01	0.00E+00	0.00E+00	2.05E+00	3.51E-03	3.23E+00	0.00E+00	2.59E-08	1.39E-08	1.02E-03	1.11E-07	3.56E-01	0.00E+00	3.23E+00	7.23E-07	3.23E+00	3.53E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.57E+01
MY263E	3.39E-03	3.39E-01	1.56E-02	3.27E-01	0.00E+00	0.00E+00	2.37E+00	4.94E-06	1.81E-03	3.08E-03	0.00E+00	-5.08E-04	4.13E-10	2.12E-08	1.57E-02	8.15E-01	0.00E+00	0.00E+00	2.13E+00	6.49E-03	3.95E+00	0.00E+00	3.05E-08	1.60E-08	9.52E-04	2.07E-07	3.73E-01	0.00E+00	3.95E+00	1.16E-06	3.95E+00	4.26E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.82E+01
MY301	3.38E-03	5.85E-01	1.63E-02	5.71E-01	0.00E+00	0.00E+00	3.05E+00	5.61E-06	5.25E-04	5.07E-03	0.00E+00	-3.32E-04	5.66E-10	7.87E-09	2.01E-02	8.59E-01	0.00E+00	0.00E+00	2.40E+00	4.15E-03	4.19E+00	0.00E+00	3.46E-08	1.76E-08	1.36E-03	1.48E-07	4.26E-01	0.00E+00	4.19E+00	7.67E-07	4.19E+00	4.62E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.60E+01
MY301E	2.81E-03	4.89E-01	1.63E-02	4.74E-01	0.00E+00	0.00E+00	3.07E+00	6.49E-06	4.97E-04	4.53E-03	0.00E+00	-4.36E-04	5.60E-10	7.80E-09	2.17E-02	8.62E-01	0.00E+00	0.00E+00	2.43E+00	5.78E-03	5.29E+00	0.00E+00	4.13E-08	1.98E-08	1.33E-03	1.80E-07	4.31E-01	0.00E+00	5.29E+00	1.62E-06	5.29E+00	5.74E+00	4.31E-01	0.00E+00	0.00E+00	0.00E+00	8.73E+01
MY302	3.47E-03	5.85E-01	1.63E-02	5.72E-01	0.00E+00	0.00E+00	3.18E+00	5.81E-06	1.18E-03	5.07E-03	0.00E+00	-3.26E-04	5.70E-10	1.39E-08	2.09E-02	8.59E-01	0.00E+00	0.00E+00	2.41E+00	3.99E-03	4.19E+00	0.00E+00	3.47E-08	1.76E-08	1.36E-03	1.54E-07	4.26E-01	0.00E+00	4.19E+00	7.67E-07	4.19E+00	4.63E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.63E+01
MY303	3.32E-03	5.84E-01	1.63E-02	5.70E-01	0.00E+00	0.00E+00	2.99E+00	5.60E-06	1.15E-03	5.07E-03	0.00E+00	-3.18E-04	5.62E-10	1.40E-08	2.00E-02	8.59E-01	0.00E+00	0.00E+00	2.42E+00	3.88E-03	4.19E+00	0.00E+00	3.45E-08	1.76E-08	1.33E-03	1.41E-07	4.26E-01	0.00E+00	4.19E+00	7.63E-07	4.19E+00	4.62E+00	4.26E-01	0.00E+00	0.00E+00	0.00E+00	8.64E+01
MY304	3.33E-03	5.82E-01	1.63E-02	5.67E-01	0.00E+00	0.00E+00	2.96E+00	5.58E-06	1.14E-03	5.06E-03	0.00E+00	-3.13E-04	5.62E-10	1.39E-08	1.97E-02	8.61E-01	0.00E+00	0.00E+00	2.42E+00	3.89E-03	4.17E+00	0.00E+00	3.44E-08	1.76E-08	1.32E-03	1.36E-07	4.25E-01	0.00E+00	4.17E+00	7.67E-07	4.17E+00	4.59E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.63E+01
MY306	2.13E-03	4.69E-01	1.29E-02	4.58E-01	0.00E+00	0.00E+00	2.61E+00	4.86E-06	7.82E-04	4.13E-03	0.00E+00	-2.23E-04	4.65E-10	9.98E-09	1.72E-02	6.68E-01	0.00E+00	0.00E+00	1.97E+00	3.07E-03	3.60E+00	0.00E+00	2.89E-08	1.40E-08	1.08E-03	1.15E-07	3.49E-01	0.00E+00	3.60E+00	7.10E-07	3.60E+00	3.96E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.98E+01
MY306E	2.11E-03	4.68E-01	1.42E-02	4.55E-01	0.00E+00	0.00E+00	2.63E+00	4.81E-06	7.66E-04	4.11E-03	0.00E+00	-2.14E-04	4.74E-10	9.92E-09	1.72E-02	6.72E-01	0.00E+00	0.00E+00	1.98E+00	2.89E-03	3.54E+00	0.00E+00	2.88E-08	1.42E-08	1.11E-03	1.13E-07	3.51E-01	0.00E+00	3.54E+00	2.84E-07	3.54E+00	3.93E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
MY306P	2.81E-03	4.90E-01	1.77E-02	4.63E-01	0.00E+00	0.00E+00	2.91E+00	6.63E-06	1.05E-03	4.50E-03	0.00E+00	-4.81E-04	5.41E-10	1.33E-08	2.21E-02	8.68E-01	0.00E+00	0.00E+00	2.57E+00	6.42E-03	5.22E+00	0.00E+00	4.09E-08	1.98E-08	1.28E-03	2.10E-07	4.54E-01	0.00E+00	5.22E+00	1.60E-06	5.22E+00	5.65E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	9.08E+01
MY310	2.14E-03	4.76E-01	1.28E-02	4.63E-01	0.00E+00	0.00E+00	2.67E+00	5.00E-06	8.69E-04	4.22E-03	0.00E+00	-2.16E-04	4.78E-10	1.09E-08	1.76E-02	6.74E-01	0.00E+00	0.00E+00	2.01E+00	2.90E-03	3.72E+00	0.00E+00	2.98E-08	1.43E-08	1.09E-03	1.11E-07	3.58E-01	0.00E+00	3.72E+00	7.54E-07	3.72E+00	4.07E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	7.19E+01
MY310P	1.92E-03	4.29E-01	1.38E-02	4.06E-01	0.00E+00	0.00E+00	2.63E+00	4.90E-06	7.30E-04	3.94E-03	0.00E+00	-1.69E-04	4.60E-10	9.40E-09	1.75E-02	6.16E-01	0.00E+00	0.00E+00	1.82E+00	2.19E-03	3.38E+00	0.00E+00	2.82E-08	1.22E-08	9.93E-04	1.07E-07	3.27E-01	0.00E+00	3.38E+00	2.60E-07	3.38E+00	3.76E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.41E+01
MY313	2.30E-03	4.76E-01	1.33E-02	4.63E-01	0.00E+00	0.00E+00	2.71E+00	5.07E-06	9.32E-04	4.23E-03	0.00E+00	-2.17E-04	4.91E-10	1.16E-08	1.78E-02	7.00E-01	0.00E+00	0.00E+00	2.04E+00	2.89E-03	3.76E+00	0.00E+00	3.00E-08	1.46E-08	1.13E-03	1.11E-07	3.63E-01	0.00E+00	3.76E+00	7.54E-07	3.76E+00	4.11E+00	3.63E-01	0.00E+00	0.00E+00	0.00E+00	7.33E+01
MY316	2.49E-03	4.90E-01	1.37E-02	4.76E-01	0.00E+00	0.00E+00	2.73E+00	5.06E-06	1.14E-03	4.27E-03	0.00E+00	-2.23E-04	4.91E-10	1.36E-08	1.79E-02	7.53E-01	0.00E+00	0.00E+00	2.06E+00	2.96E-03	3.78E+00	0.00E+00	3.03E-08	1.48E-08	1.13E-03	1.13E-07	3.67E-01	0.00E+00	3.78E+00	7.54E-07	3.78E+00	4.13E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
MY316P	1.99E-03	4.14E-01	1.17E-02	4.01E-01	0.00E+00	0.00E+00	2.29E+00	4.24E-06	8.53E-04	3.68E-03	0.00E+00	-1.78E-04	4.17E-10	1.06E-08	1.48E-02	6.20E-01	0.00E+00	0.00E+00	1.71E+00	2.35E-03	3.21E+00	0.00E+00	2.62E-08	1.22E-08	9.46E-04	1.06E-07	3.04E-01	0.00E+00	3.21E+00	8.07E-07	3.21E+00	3.50E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	6.18E+01
MY320	2.57E-03	4.92E-01	1.40E-02	4.76E-01	0.00E+00	0.00E+00	2.81E+00	5.29E-06	1.19E-03	4.29E-03	0.00E+00	-2.23E-04	5.16E-10	1.43E-08	1.82E-02	7.55E-01	0.00E+00	0.00E+00	2.18E+00	2.96E-03	3.82E+00	0.00E+00	3.06E-08	1.53E-08	1.13E-03	1.13E-07	3.85E-01	0.00E+00	3.82E+00	7.58E-07	3.82E+00	4.20E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	7.81E+01
MY320E	2.74E-03	4.63E-01	1.51E-02	4.60E-01	0.00E+00	0.00E+00	2.87E+00	5.99E-06	1.28E-03	4.07E-03	0.00E+00	-3.86E-04	5.01E-10	1.55E-08	2.05E-02	7.77E-01	0.00E+00	0.00E+00	2.33E+00	4.90E-03	4.54E+00	0.00E+00	3.60E-08	1.82E-08	1.14E-03	1.61E-07	4.14E-01	0.00E+00	4.54E+00	9.43E-07	4.54E+00	4.99E+00	4.14E-01	0.00E+00	0.00E+00	0.00E+00	8.20E+01
MY320P	2.82E-03	4.57E-01	1.50E-02	4.54E-01	0.00E+00	0.00E+00	2.77E+00	5.43E-06	1.26E-03	4.06E-03	0.00E+00	-4.52E-04	4.98E-10	1.54E-08	1.90E-02	7.50E-01	0.00E+00	0.00E+00	2.09E+00	5.87E-03	3.86E+00	0.00E+00	3.09E-08	1.52E-08	1.11E-03	1.70E-07	3.73E-01	0.00E+00	3.86E+00	9.21E-07	3.86E+00	4.19E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.48E+01
MY325	2.93E-03	5.03E-01	1.58E-02	4.83E-01	0.00E+00	0.00E+00	2.96E+00	5.49E-06	1.50E-03	4.40E-03	0.00E+00	-2.25E-04	5.40E-10	1.74E-08	1.90E-02	8.13E-01	0.00E+00	0.00E+00	2.33E+00	2.93E-03	3.98E+00	0.00E+00	3.23E-08	1.64E-08	1.18E-03	1.13E-07	4.12E-01	0.00E+00	3.98E+00	2.79E-07	3.98E+00	4.42E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.41E+01
MY325E	3.32E-03	4.92E-01	1.82E-02	4.73E-01	0.00E+00	0.00E+00	3.15E+00	7.02E-06	1.71E-03	4.52E-03	0.00E+00	-4.41E-04	5.55E-10	1.96E-08	2.32E-02	9.62E-01	0.00E+00	0.00E+00	2.72E+00	5.94E-03	5.25E+00	0.00E+00	4.18E-08	2.12E-08	1.29E-03	1.80E-07	4.81E-01	0.00E+00	5.25E+00	1.62E-06	5.25E+00	5.74E+00	4.81E-01	0.00E+00	0.00E+00	0.00E+00	9.86E+01
MY325P	3.46E-03	4.86E-01	1.83E-02	4.64E-01	0.00E+00	0.00E+00	3.14E+00	7.06E-06	1.72E-03	4.44E-03	0.00E+00	-5.30E-04	5.57E-10	2.00E-08	2.31E-02	9.60E-01	0.00E+00	0.00E+00	2.71E+00	6.96E-03	5.27E+00	0.00E+00	4.19E-08	2.11E-08	1.30E-03	2.14E-07	4.78E-01	0.00E+00	5.27E+00	1.61E-06	5.27E+00	5.77E+00	4.78E-01	0.00E+00	0.00E+00	0.00E+00	9.90E+01
MY332	4.59E-03	5.86E-01	1.83E-02	5.67E-01	0.00E+00	0.00E+00	3.17E+00	5.77E-06	2.60E-03	5.19E-03	0.00E+00	-2.45E-04	6.16E-10	2.85E-08	2.04E-02	1.05E+00	0.00E+00	0.00E+00	2.73E+00	3.30E-03	4.36E+00	0.00E+00	3.59E-08	1.95E-08	1.46E-03	1.26E-07	4.84E-01	0.00E+00	4.36E+00	7.10E-07	4.36E+00	4.85E+00	4.84E-01	0.00E+00	0.00E+00	0.00E+00	9.96E+01

MY332E	4.61E-03	5.92E-01	1.83E-02	5.73E-01	0.00E+00	0.00E+00	3.19E+00	5.79E-06	2.62E-03	5.24E-03	0.00E+00	-2.45E-04	6.15E-10	2.86E-08	2.06E-02	1.05E+00	0.00E+00	0.00E+00	2.73E+00	3.30E-03	4.42E+00	0.00E+00	3.63E-08	1.96E-08	1.48E-03	1.27E-07	4.86E-01	0.00E+00	4.42E+00	7.08E-07	4.42E+00	4.90E+00	4.86E-01	0.00E+00	0.00E+00	0.00E+00	9.99E+01
MY332P	4.35E-03	4.82E-01	1.92E-02	4.62E-01	0.00E+00	0.00E+00	3.27E+00	7.22E-06	2.28E-03	4.42E-03	0.00E+00	-5.56E-04	5.69E-10	2.63E-08	2.32E-02	1.04E+00	0.00E+00	0.00E+00	2.85E+00	7.43E-03	5.36E+00	0.00E+00	4.27E-08	2.21E-08	1.31E-03	2.22E-07	5.02E-01	0.00E+00	5.36E+00	1.60E-06	5.36E+00	5.90E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MY340	4.84E-03	5.88E-01	1.93E-02	5.67E-01	0.00E+00	0.00E+00	3.20E+00	5.81E-06	2.86E-03	5.19E-03	0.00E+00	-3.56E-04	6.18E-10	3.15E-08	2.04E-02	1.08E+00	0.00E+00	0.00E+00	2.73E+00	4.67E-03	4.39E+00	0.00E+00	3.61E-08	1.98E-08	1.47E-03	1.51E-07	4.85E-01	0.00E+00	4.39E+00	7.10E-07	4.39E+00	4.89E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	1.00E+02
MY340E	4.48E-03	4.80E-01	2.07E-02	4.62E-01	0.00E+00	0.00E+00	3.30E+00	7.23E-06	2.39E-03	4.50E-03	0.00E+00	-5.63E-04	5.75E-10	2.78E-08	2.35E-02	1.10E+00	0.00E+00	0.00E+00	2.90E+00	7.95E-03	5.39E+00	0.00E+00	4.29E-08	2.26E-08	1.32E-03	2.17E-07	5.09E-01	0.00E+00	5.39E+00	1.60E-06	5.39E+00	5.92E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MY350	5.73E-03	6.09E-01	2.16E-02	5.88E-01	0.00E+00	0.00E+00	3.62E+00	6.57E-06	3.41E-03	5.48E-03	0.00E+00	-3.82E-04	6.86E-10	3.75E-08	2.22E-02	1.22E+00	0.00E+00	0.00E+00	3.13E+00	4.94E-03	4.87E+00	0.00E+00	3.95E-08	2.18E-08	1.60E-03	1.68E-07	5.53E-01	0.00E+00	4.87E+00	7.39E-07	4.87E+00	5.44E+00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MY350E	5.73E-03	6.04E-01	2.19E-02	5.85E-01	0.00E+00	0.00E+00	3.61E+00	6.58E-06	3.41E-03	5.46E-03	0.00E+00	-3.82E-04	6.85E-10	3.75E-08	2.23E-02	1.22E+00	0.00E+00	0.00E+00	3.13E+00	4.98E-03	4.84E+00	0.00E+00	3.88E-08	2.19E-08	1.60E-03	1.69E-07	5.55E-01	0.00E+00	4.84E+00	7.47E-07	4.84E+00	5.31E+00	5.55E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MY363	5.80E-03	6.04E-01	2.19E-02	5.84E-01	0.00E+00	0.00E+00	3.60E+00	6.45E-06	3.46E-03	5.46E-03	0.00E+00	-3.87E-04	7.04E-10	3.80E-08	2.21E-02	1.24E+00	0.00E+00	0.00E+00	3.22E+00	5.00E-03	4.53E+00	0.00E+00	3.73E-08	2.21E-08	1.60E-03	1.64E-07	5.63E-01	0.00E+00	4.53E+00	7.51E-07	4.53E+00	5.09E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MY363E	4.94E-03	4.42E-01	2.56E-02	4.17E-01	0.00E+00	0.00E+00	3.59E+00	7.80E-06	2.82E-03	4.38E-03	0.00E+00	-1.09E-03	6.18E-10	3.16E-08	2.47E-02	1.22E+00	0.00E+00	0.00E+00	3.21E+00	1.45E-02	5.77E+00	0.00E+00	4.50E-08	2.37E-08	1.40E-03	3.95E-07	5.63E-01	0.00E+00	5.77E+00	1.69E-06	5.77E+00	6.36E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MY410P	2.70E-03	5.29E-01	1.69E-02	5.11E-01	0.00E+00	0.00E+00	3.35E+00	6.46E-06	1.01E-03	4.92E-03	0.00E+00	-4.66E-04	5.80E-10	1.26E-08	2.16E-02	8.78E-01	0.00E+00	0.00E+00	2.60E+00	6.04E-03	4.90E+00	0.00E+00	3.87E-08	1.91E-08	1.39E-03	1.65E-07	4.54E-01	0.00E+00	4.90E+00	2.64E-07	4.90E+00	5.43E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	9.28E+01
MY416P	3.05E-03	5.34E-01	1.76E-02	5.17E-01	0.00E+00	0.00E+00	3.48E+00	6.62E-06	1.33E-03	5.01E-03	0.00E+00	-4.95E-04	5.92E-10	1.63E-08	2.19E-02	9.29E-01	0.00E+00	0.00E+00	2.69E+00	6.46E-03	5.03E+00	0.00E+00	4.02E-08	1.95E-08	1.41E-03	1.66E-07	4.71E-01	0.00E+00	5.03E+00	2.64E-07	5.03E+00	5.56E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.63E+01
MY420E	3.27E-03	6.30E-01	2.08E-02	6.07E-01	0.00E+00	0.00E+00	3.77E+00	6.89E-06	1.55E-03	5.46E-03	0.00E+00	-3.09E-04	6.73E-10	1.85E-08	2.32E-02	1.00E+00	0.00E+00	0.00E+00	2.90E+00	4.22E-03	5.07E+00	0.00E+00	4.07E-08	2.01E-08	1.47E-03	1.72E-07	5.12E-01	0.00E+00	5.07E+00	2.89E-07	5.07E+00	5.60E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
MY420P	3.58E-03	5.38E-01	2.29E-02	5.17E-01	0.00E+00	0.00E+00	3.60E+00	7.14E-06	1.75E-03	5.15E-03	0.00E+00	-6.03E-04	6.11E-10	2.12E-08	2.39E-02	1.03E+00	0.00E+00	0.00E+00	2.95E+00	7.88E-03	5.40E+00	0.00E+00	4.26E-08	2.18E-08	1.47E-03	2.22E-07	5.25E-01	0.00E+00	5.40E+00	9.60E-07	5.40E+00	5.92E+00	5.25E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MY425E	4.72E-03	6.45E-01	2.33E-02	6.24E-01	0.00E+00	0.00E+00	3.83E+00	7.07E-06	2.73E-03	5.63E-03	0.00E+00	-3.12E-04	6.92E-10	2.98E-08	2.46E-02	1.11E+00	0.00E+00	0.00E+00	2.94E+00	4.29E-03	5.14E+00	0.00E+00	4.12E-08	2.05E-08	1.53E-03	1.75E-07	5.24E-01	0.00E+00	5.14E+00	2.79E-07	5.14E+00	5.67E+00	5.24E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
MY425P	5.98E-03	7.55E-01	2.47E-02	7.21E-01	0.00E+00	0.00E+00	4.51E+00	8.06E-06	2.90E-03	7.14E-03	0.00E+00	-5.79E-04	8.67E-10	3.49E-08	2.73E-02	1.48E+00	0.00E+00	0.00E+00	4.02E+00	7.53E-03	6.21E+00	0.00E+00	5.04E-08	2.73E-08	2.01E-03	2.25E-07	7.07E-01	0.00E+00	6.21E+00	1.60E-06	6.21E+00	6.88E+00	7.07E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
MY432E	6.30E-03	8.03E-01	2.46E-02	7.75E-01	0.00E+00	0.00E+00	4.35E+00	7.91E-06	3.71E-03	7.11E-03	0.00E+00	-3.26E-04	8.25E-10	4.07E-08	2.74E-02	1.44E+00	0.00E+00	0.00E+00	3.72E+00	4.49E-03	6.09E+00	0.00E+00	4.95E-08	2.67E-08	2.00E-03	1.91E-07	6.65E-01	0.00E+00	6.09E+00	8.67E-07	6.09E+00	6.72E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MY432P	5.98E-03	7.65E-01	2.50E-02	7.30E-01	0.00E+00	0.00E+00	4.52E+00	8.07E-06	2.78E-03	7.21E-03	0.00E+00	-5.78E-04	8.70E-10	3.47E-08	2.75E-02	1.49E+00	0.00E+00	0.00E+00	4.03E+00	7.71E-03	6.28E+00	0.00E+00	5.07E-08	2.74E-08	2.03E-03	2.25E-07	7.08E-01	0.00E+00	6.28E+00	1.59E-06	6.28E+00	6.95E+00	7.08E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
MY440E	6.37E-03	7.98E-01	2.55E-02	7.72E-01	0.00E+00	0.00E+00	4.33E+00	7.92E-06	3.75E-03	7.09E-03	0.00E+00	-4.53E-04	8.42E-10	4.12E-08	2.74E-02	1.44E+00	0.00E+00	0.00E+00	3.69E+00	6.06E-03	6.07E+00	0.00E+00	4.96E-08	2.67E-08	2.00E-03	2.09E-07	6.55E-01	0.00E+00	6.07E+00	8.64E-07	6.07E+00	6.73E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MY440P	7.62E-03	7.72E-01	2.73E-02	7.38E-01	0.00E+00	0.00E+00	4.65E+00	8.24E-06	4.55E-03	7.26E-03	0.00E+00	-5.80E-04	9.02E-10	5.07E-08	2.76E-02	1.55E+00	0.00E+00	0.00E+00	4.15E+00	7.77E-03	6.35E+00	0.00E+00	5.11E-08	2.78E-08	2.10E-03	2.29E-07	7.22E-01	0.00E+00	6.35E+00	1.59E-06	6.35E+00	7.04E+00	7.22E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
MY450E	7.68E-03	8.27E-01	2.87E-02	8.03E-01	0.00E+00	0.00E+00	4.94E+00	8.98E-06	4.67E-03	7.41E-03	0.00E+00	-4.56E-04	9.32E-10	5.09E-08	2.99E-02	1.67E+00	0.00E+00	0.00E+00	4.27E+00	5.98E-03	6.63E+00	0.00E+00	5.35E-08	2.94E-08	2.15E-03	2.12E-07	7.61E-01	0.00E+00	6.63E+00	8.92E-07	6.63E+00	7.40E+00	7.61E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
MY463E	7.72E-03	8.32E-01	2.88E-02	8.07E-01	0.00E+00	0.00E+00	4.99E+00	9.09E-06	4.72E-03	7.45E-03	0.00E+00	-4.62E-04	9.62E-10	5.13E-08	3.01E-02	1.68E+00	0.00E+00	0.00E+00	4.35E+00	5.98E-03	6.69E+00	0.00E+00	5.38E-08	2.96E-08	2.15E-03	2.12E-07	7.71E-01	0.00E+00	6.69E+00	9.06E-07	6.69E+00	7.46E+00	7.71E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MY706P	1.12E-03	2.89E-01	1.19E-02	2.78E-01	0.00E+00	0.00E+00	1.74E+00	3.70E-06	4.69E-04	2.64E-03	0.00E+00	-2.24E-04	3.45E-10	6.03E-09	1.17E-02	5.30E-01	0.00E+00	0.00E+00	1.42E+00	2.94E-03	2.71E+00	0.00E+00	2.09E-08	9.99E-09	8.01E-04	8.89E-08	2.52E-01	0.00E+00	2.71E+00	5.57E-07	2.71E+00	2.95E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	5.19E+01
MY716P	1.59E-03	2.85E-01	1.05E-02	2.68E-01	0.00E+00	0.00E+00	1.75E+00	3.66E-06	8.24E-04	2.64E-03	0.00E+00	-1.88E-04	3.31E-10	9.73E-09	1.17E-02	5.23E-01	0.00E+00	0.00E+00	1.42E+00	2.37E-03	2.75E+00	0.00E+00	2.13E-08	1.04E-08	7.92E-04	6.88E-08	2.52E-01	0.00E+00	2.75E+00	5.19E-07	2.75E+00	2.98E+00	2.52E-01	0.00E+00	0.00E+00	0.00E+00	5.14E+01
MY720P	1.70E-03	2.90E-01	1.15E-02	2.72E-01	0.00E+00	0.00E+00	1.79E+00	3.68E-06	9.22E-04	2.66E-03	0.00E+00	-1.89E-04	3.42E-10	1.08E-08	1.19E-02	5.35E-01	0.00E+00	0.00E+00	1.45E+00	2.41E-03	2.75E+00	0.00E+00	2.13E-08	1.04E-08	8.00E-04	7.70E-08	2.58E-01	0.00E+00	2.75E+00	5.16E-07	2.75E+00	2.98E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	5.31E+01
MY725P	2.19E-03	2.78E-01	1.10E-02	2.65E-01	0.00E+00	0.00E+00	2.04E+00	4.09E-06	9.79E-04	2.65E-03	0.00E+00	-2.64E-04	3.54E-10	1.18E-08	1.37E-02	6.39E-01	0.00E+00	0.00E+00	1.77E+00	3.48E-03	3.39E+00	0.00E+00	2.66E-08	1.41E-08	8.05E-04	9.74E-08	3.16E-01	0.00E+00	3.39E+00	5.47E-07	3.39E+00	3.69E+00	3.16E-01	0.00E+00	0.00E+00	0.00E+00	6.46E+01
MY732P	2.46E-03	3.52E-01	1.13E-02	3.46E-01	0.00E+00	0.00E+00	2.13E+00	4.21E-06	1.06E-03	3.10E-03	0.00E+00	-2.90E-04	3.81E-10	1.26E-08	1.40E-02	6.75E-01	0.00E+00	0.00E+00	1.85E+00	3.71E-03	3.55E+00	0.00E+00	2.79E-08	1.46E-08	9.73E-04	9.78E-08	3.27E-01	0.00E+00	3.55E+00	1.30E-06	3.55E+00	3.81E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.71E+01
MY740P	3.19E-03	3.41E-01	1.29E-02	3.37E-01	0.00E+00	0.00E+00	2.15E+00	4.47E-06	1.70E-03	3.11E-03	0.00E+00	-3.68E-04	3.96E-10	1.95E-08	1.44E-02	7.28E-01	0.00E+00	0.00E+00	1.90E+00	4.57E-03	3.58E+00	0.00E+00	2.83E-08	1.51E-08	9.77E-04	1.06E-07	3.35E-01	0.00E+00	3.58E+00	1.29E-06	3.58E+00	3.88E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
MYN106	6.73E-04	1.57E-01	4.46E-03	1.51E-01	0.00E+00	0.00E+00	8.80E-01	1.59E-06	2.81E-04	1.40E-03	0.00E+00	-1.07E-04	1.52E-10	3.58E-09	5.73E-03	2.17E-01	0.00E+00	0.00E+00	6.64E-01	1.37E-03	1.20E+00	0.00E+00	9.72E-09	4.61E-09	3.47E-04	4.62E-08	1.17E-01	0.00E+00	1.20E+00	2.26E-07	1.20E+00	1.33E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	2.34E+01
MYN110	6.43E-04	1.40E-01	3.84E-03	1.37E-01	0.00E+00	0.00E+00	8.01E-01	1.48E-06	2.65E-04	1.23E-03	0.00E+00	-4.91E-05	1.30E-10	3.31E-09	5.17E-03	2.10E-01	0.00E+00	0.00E+00	6.03E-01	6.34E-04	1.11E+00	0.00E+00	9.04E-09	4.40E-09	3.18E-04	2.74E-08	1.08E-01	0.00E+00	1.11E+00	2.12E-07	1.11E+00	1.22E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+01
MYN116	6.47E-04	1.41E-01	3.91E-03	1.37E-01	0.00E+00	0.00E+00	8.03E-01	1.50E-06	2.64E-04	1.24E-03	0.00E+00	-4.67E-05	1.36E-10	3.33E-09	5.18E-03	2.13E-01	0.00E+00	0.00E+00	6.10E-01	6.41E-04	1.11E+00	0.00E+00	9.07E-09	4.48E-09	3.19E-04	2.82E-08	1.09E-01	0.00E+00	1.11E+00	2.20E-07	1.11E+00	1.22E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.18E+01
MYN120	7.67E-04	1.43E-01	3.97E-03	1.40E-01	0.00E+00	0.00E+00	8.22E-01	1.53E-06	3.64E-04	1.28E-03	0.00E+00	-4.90E-05	1.39E-10	4.38E-09	5.38E-03	2.13E-01	0.00E+00	0.00E+00	6.19E-01	6.49E-04	1.14E+00	0.00E+00	9.24E-09	4.48E-09	3.35E-04	2.89E-08	1.10E-01	0.00E+00	1.14E+00	2.14E-07	1.14E+00	1.25E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
MYN125	9.72E-04	1.62E-01	5.00E-03	1.56E-01	0.00E+00	0.00E+00	9.88E-01	1.89E-06	4.87E-04	1.44E-03	0.00E+00	-7.28E-05	1.82E-10	5.80E-09	6.15E-03	2.71E-01	0.00E+00	0.00E+00	7.88E-01	9.76E-04	1.34E+00	0.00E+00	1.07E-08	5.38E-09	3.91E-04	3.70E-08	1.37E-01	0.00E+00	1.34E+00	2.67E-07	1.34E+00	1.48E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
MYN132	1.63E-03	2.00E-01	6.10E-03	1.93E-01	0.00E+00	0.00E+00	1.10E+00	2.00E-06	9.44E-04	1.77E-03	0.00E+00	-7.97E-05	2.10E-10	1.04E-08	6.77E-03	3.59E-01	0.00E+00	0.00E+00	9.28E-01	1.09E-03	1.52E+00	0.00E+00	1.24E-08	6.68E-09	4.95E-04	4.09E-08	1.65E-01	0.00E+00	1.52E+00	2.48E-07	1.52E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
MYN140	1.62E-03	2.03E-01	6.17E-03	1.94E-01	0.00E+00	0.00E+00	1.11E+00	2.00E-06	9.51E-04	1.80E-03	0.00E+00	-8.21E-05	2.10E-10	1.04E-08	6.90E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.13E-03	1.53E+00	0.00E+00	1.24E-08	6.69E-09	4.95E-04	4.20E-08	1.65E-01	0.00E+00	1.53E+00	2.48E-07	1.53E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
MYN150	1.83E-03	2.13E-01	6.83E-03	2.06E-01	0.00E+00	0.00E+00	1.21E+00	2.23E-06	1.12E-03	1.99E-03	0.00E+00	-1.15E-04	2.33E-10	1.19E-08	7.48E-03	4.03E-01	0.00E+00	0.00E+00	1.04E+00	1.49E-03	1.62E+00	0.00E+00	1.32E-08	7.19E-09	5.45E-04	4.98E-08	1.85E-01	0.00E+00	1.62E+00	7.27E-07	1.62E+00	1.80E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.81E+01
MYN163	1.86E-03	2.09E-01	6.91E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.22E-06	1.21E-03	1.88E-03	0.00E+00	-1.12E-04	2.37E-10	1.27E-08	7.50E-03	4.03E-01	0.00E+00	0.00E+00	1.05E+00	1.56E-03	1.63E+00	0.00E+00	1.32E-08	7.21E-09	5.42E-04	4.99E-08	1.86E-01	0.00E+00	1.63E+00	2.55E-07	1.63E+00	1.81E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
MYN206	1.24E-03	2.64E-01	7.69E-03	2.56E-01	0.00E+00	0.00E+00	1.57E+00	2.94E-06	5.13E-04	2.25E-03	0.00E+00	-9.77E-05	2.55E-10	6.35E-09	1.00E-02	4.03E-01	0.00E+00	0.00E+00	1.15E+00	1.30E-03	2.11E+00	0.00E+00	1.75E-08	8.54E-09	6.16E-04	4.93E-08	2.04E-01	0.00E+00	2.11E+00	3.95E-07	2.11E+00	2.36E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	3.87E+01
MYN210	1.21E-03	2.74E-01	6.90E-03	2.67E-01	0.00E+00	0.00E+00	1.46E+00	2.73E-06	5.20E-04	2.39E-03	0.00E+00	-8.42E-05	2.36E-10	6.34E-09	9.54E-03	3.79E-01	0.00E+00	0.00E+00	1.08E+00	1.14E-03	2.06E+00	0.00E+00	1.67E-08	8.08E-09	6.19E-04	4.86E-08	1.95E-01	0.00E+00	2.06E+00	4.14E-07	2.06E+00	2.25E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.80E+01
MYN216	1.21E-03	2.75E-01	6.91E-03	2.68E-01	0.00E+00	0.00E+00	1.47E+00	2.74E-06	5.21E-04	2.39E-03	0.00E+00	-8.42E-05	2.37E-10	6.35E-09	9.56E-03	3.80E-01	0.00E+00	0.00E+00	1.08E+00	1.14E-03	2.06E+00	0.00E+00	1.67E-08	8.09E-09	6.20E-04	4.86E-08	1.95E-01	0.00E+00	2.06E+00	4.14E-07	2.06E+00	2.26E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.81E+01
MYN220	1.53E-03	2.83E-01	7.63E-03	2.75E-01	0.00E+00	0.00E+00	1.58E+00	2.95E-06	7.49E-04	2.49E-03	0.00E+00	-8.42E-05	2.59E-10	8.79E-09	1.01E-02	4.31E-01	0.00E+00	0.00E+00	1.19E+00	1.14E-03	2.19E+00	0.00E+00	1.77E-08	8.77E-09	6.61E-04	4.94E-08	2.15E-01	0.00E+00	2.19E+00	4.18E-07	2.19E+00	2.41E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	4.24E+01
MYN225	1.91E-03	3.17E-01	9.69E-03	3.08E-01	0.00E+00	0.00E+00	1.93E+00	3.62E-06	9.72E-04	2.80E-03	0.00E+00	-1.45E-04	3.51E-10	1.15E-08	1.22E-02	5.32E-01	0.00E+00	0.00E+00	1.51E+00	1.95E-03	2.57E+00	0.00E+00	2.05E-08	1.04E-08	7.56E-04	7.21E-08	2.65E-01	0.00E+00	2.57E+00	4.79E-07	2.57E+00	2.84E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.44E+01
MYN232	3.25E-03	4.00E-01	1.22E-02	3.88E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.55E-03	0.00E+00	-1.52E-04	4.22E-10	2.09E-08	1.38E-02	7.24E-01	0.00E+00	0.00E+00	1.85E+00	2.05E-03	3.04E+00	0.00E+00	2.48E-08	1.34E-08	1.00E-03	7.85E-08	3.28E-01	0.00E+00	3.04E+00	4.89E-07	3.04E+00	3.36E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
MYN240	3.25E-03	3.98E-01	1.29E-02	3.86E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.54E-03	0.00E+00	-2.39E-04	4.22E-10	2.09E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	3.20E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.97E-04	1.06E-07	3.28E-01	0.00E+00	3.03E+00	4.78E-07	3.03E+00	3.36E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
MYN250	3.85E-03	4.09E-01	1.41E-02	3.95E-01	0.00E+00	0.00E+00	2.42E+00	4.40E-06	2.34E-03	3.65E-03	0.00E+00	-2.44E-04	4.57E-10	2.58E-08	1.47E-02	8.16E-01	0.00E+00	0.00E+00	2.02E+00	3.27E-03	3.26E+00	0.00E+00	2.62E-08	1.40E-08	1.01E-03	1.06E-07	3.54E-01	0.00E+00	3.26E+00	7.27E-07	3.26E+00	3.59E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.41E+01
MYN263	3.90E-03	4.10E-01	1.43E-02	3.96E-01	0.00E+00	0.00E+00	2.44E+00	4.45E-06	2.36E-03	3.66E-03	0.00E+00	-2.50E-04	4.62E-10	2.59E-08	1.48E-02	8.17E-01	0.00E+00	0.00E+00	2.05E+00	3.43E-03	3.27E+00	0.00E+00	2.62E-08	1.41E-08	1.01E-03	1.13E-07	3.56E-01	0.00E+00	3.27E+00	7.35E-07	3.27E+00	3.60E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.51E+01
MYN306	2.17E-03	4.49E-01	1.27E-02	4.37E-01	0.00E+00	0.00E+00	2.55E+00	4.78E-06	8.41E-04	3.94E-03	0.00E+00	-2.45E-04	4.53E-10	1.07E-08	1.67E-02	6.61E-01	0.00E+00	0.00E+00	1.93E+00	3.32E-03	3.53E+00	0.00E+00	2.84E-08	1.37E-08	1.02E-03	1.17E-07	3.43E-01	0.00E+00	3.53E+00	6.94E-07	3.53E+00	3.89E+00	3.43E-01	0.00E+00	0.00E+00	0.00E+00	6.83E+01
MYN310	2.18E-03	4.54E-01	1.28E-02	4.41E-01	0.00E+00	0.00E+00	2.61E+00	4.95E-06	9.25E-04	3.99E-03	0.00E+00	-2.25E-04	4.76E-10	1.14E-08	1.71E-02	6.66E-01	0.00E+00	0.00E+00	2.00E+00	3.00E-03	3.62E+00	0.00E+00	2.89E-08	1.40E-08	1.04E-03	1.08E-07	3.54E-01	0.00E+00	3.62E+00	7.46E-07	3.62E+00	3.97E+00	3.54E-01	0.00E+00	0.00E+00	0.00E+00	7.14E+01
MYN316	2.57E-03	4.56E-01	1.31E-02	4.42E-01	0.00E+00	0.00E+00	2.64E+00	4.99E-06	1.10E-03	4.02E-03	0.00E+00	-2.18E-04	4.81E-10	1.36E-08	1.72E-02	7.03E-01	0.00E+00	0.00E+00	2.03E+00	2.90E-03	3.64E+00	0.00E+00	2.91E-08	1.44E-08	1.07E-03	1.07E-07	3.58E-01	0.00E+00	3.64E+00	7.39E-07	3.64E+00	4.01E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
MYN320	2.74E-03	4.64E-01	1.46E-02	4.48E-01	0.00E+00	0.00E+00	2.72E+00	5.09E-06	1.29E-03	4.06E-03	0.00E+00	-2.12E-04	5.05E-10	1.52E-08	1.75E-02	7.51E-01	0.00E+00	0.00E+00	2.13E+00	2.84E-03	3.64E+00	0.00E+00	2.93E-08	1.49E-08	1.09E-03	1.07E-07	3.73E-01	0.00E+00	3.64E+00	2.87E-07	3.64E+00	4.05E+00	3.73E-01	0.00E+00	0.00E+00	0.00E+00	7.66E+01
MYN325	2.97E-03	4.74E-01	1.57E-02	4.56E-01	0.00E+00	0.00E+00	2.86E+00	5.25E-06	1.54E-03	4.17E-03	0.00E+00	-2.48E-04	5.26E-10	1.77E-08	1.80E-02	7.87E-01	0.00E+00	0.00E+00	2.24E+00	3.21E-03	3.73E+00	0.00E+00	3.01E-08	1.55E-08	1.13E-03	1.13E-07	3.94E-01	0.00E+00	3.73E+00	2.76E-07	3.73E+00	4.15E+00	3.94E-01	0.00E+00	0.00E+00	0.00E+00	8.08E+01
MYN332	4.92E-03	5.95E-01	1.84E-02	5.77E-01	0.00E+00	0.00E+00	3.22E+00	5.81E-06	2.87E-03	5.28E-03	0.00E+00	-2.44E-04	6.36E-10	3.13E-08	2.08E-02	1.08E+00	0.00E+00	0.00E+00	2.76E+00	3.30E-03	4.50E+00	0.00E+00	3.67E-08	1.98E-08	1.50E-03	1.37E-07	4.93E-01	0.00E+00	4.50E+00	7.19E-07	4.50E+00	4.99E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
MYN340	4.94E-03	5.92E-01	1.98E-02	5.75E-01	0.00E+00	0.00E+00	3.39E+00	6.08E-06	2.87E-03	5.27E-03	0.00E+00	-3.75E-04	6.37E-10	3.15E-08	2.20E-02	1.08E+00	0.00E+00	0.00E+00	2.75E+00	4.93E-03	4.51E+00	0.00E+00	3.67E-08	2.00E-08	1.49E-03	1.65E-07	4.93E-01	0.00E+00	4.51E+00	7.15E-07	4.51E+00	4.98E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
MYN350	5.75E-03	6.12E-01	2.17E-02	5.90E-01	0.00E+00	0.00E+00	3.62E+00	6.60E-06	3.51E-03	5.51E-03	0.00E+00	-3.63E-04	6.89E-10	3.80E-08	2.21E-02	1.23E+00	0.00E+00	0.00E+00	3.13E+00	4.86E-03	4.90E+00	0.00E+00	3.96E-08	2.19E-08	1.60E-03	1.69E-07	5.53E-01	0.00E+00	4.90E+00	7.48E-07	4.90E+00	5.47E+00	5.53E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
MYN363	5.81E-03	6.14E-01	2.18E-02	5.94E-01	0.00E+00	0.00E+00	3.67E+00	6.72E-06	3.54E-03	5.54E-03	0.00E+00	-3.63E-04	7.17E-10	3.84E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.20E+00	4.88E-03	4.95E+00	0.00E+00	3.98E-08	2.21E-08	1.61E-03	1.70E-07	5.62E-01	0.00E+00	4.95E+00	7.68E-07	4.95E+00	5.50E+00	5.62E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
MYN406	2.75E-03	5.94E-01	1.70E-02	5.80E-01	0.00E+00	0.00E+00	3.35E+00	6.40E-06	1.08E-03	5.20E-03	0.00E+00	-2.92E-04	5.97E-10	1.39E-08	2.19E-02	8.64E-01	0.00E+00	0.00E+00	2.53E+00	3.85E-03	4.77E+00	0.00E+00	3.77E-08	1.82E-08	1.35E-03	1.50E-07	4.56E-01	0.00E+00	4.77E+00	1.00E-06	4.77E+00	5.17E+00	4.56E-01	0.00E+00	0.00E+00	0.00E+00	9.25E+01
MYN410	2.69E-03	5.96E-01	1.68E-02	5.79E-01	0.00E+00	0.00E+00	3.44E+00	6.58E-06	1.13E-03	5.22E-03	0.00E+00	-2.91E-04	6.22E-10	1.43E-08	2.26E-02	8.86E-01	0.00E+00	0.00E+00	2.64E+00	3.90E-03	4.76E+00	0.00E+00	3.80E-08	1.85E-08	1.36E-03	1.41E-07	4.63E-01	0.00E+00	4.76E+00	1.00E-06	4.76E+00	5.22E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	9.44E+01
MYN416	2.43E-03	5.49E-01	1.38E-02	5.35E-01	0.00E+00	0.00E+00	2.93E+00	5.49E-06	1.04E-03	4.79E-03	0.00E+00	-1.68E-04	4.74E-10	1.27E-08	1.91E-02	7.60E-01	0.00E+00	0.00E+00	2.16E+00	2.28E-03	4.13E+00	0.00E+00	3.35E-08	1.62E-08	1.24E-03	9.72E-08	3.90E-01	0.00E+00	4.13E+00	8.32E-07	4.13E+00	4.52E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	7.62E+01
MYN420	3.29E-03	6.14E-01	1.82E-02	5.96E-01	0.00E+00	0.00E+00	3.67E+00	7.02E-06	1.55E-03	5.41E-03	0.00E+00	-2.91E-04	6.79E-10	1.88E-08	2.37E-02	9.84E-01	0.00E+00	0.00E+00	2.88E+00	3.90E-03	5.02E+00	0.00E+00	3.99E-08	1.99E-08	1.44E-03	1.43E-07	5.03E-01	0.00E+00	5.02E+00	1.02E-06	5.02E+00	5.53E+00	5.03E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
MYN425	3.82E-03	6.35E-01	1.94E-02	6.15E-01	0.00E+00	0.00E+00	3.86E+00	7.25E-06	1.94E-03	5.60E-03	0.00E+00	-2.91E-04	7.03E-10	2.30E-08	2.44E-02	1.06E+00	0.00E+00	0.00E+00	3.02E+00	3.90E-03	5.15E+00	0.00E+00	4.11E-08	2.07E-08	1.51E-03	1.44E-07	5.31E-01	0.00E+00	5.15E+00	9.59E-07	5.15E+00	5.68E+00	5.31E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
MYN432	6.51E-03	8.00E-01	2.44E-02	7.76E-01	0.00E+00	0.00E+00	4.34E+00	7.90E-06	3.83E-03	7.11E-03	0.00E+00	-3.05E-04	8.43E-10	4.19E-08	2.75E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	4.10E-03	6.08E+00	0.00E+00	4.96E-08	2.68E-08	2.00E-03	1.57E-07	6.57E-01	0.00E+00	6.08E+00	9.83E-07	6.08E+00	6.74E+00	6.57E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MYN440	6.50E-03	7.97E-01	2.58E-02	7.71E-01	0.00E+00	0.00E+00	4.33E+00	7.90E-06	3.82E-03	7.08E-03	0.00E+00	-4.78E-04	8.43E-10	4.19E-08	2.75E-02	1.45E+00	0.00E+00	0.00E+00	3.71E+00	6.39E-03	6.06E+00	0.00E+00	4.94E-08	2.67E-08	1.99E-03	2.12E-07	6.56E-01	0.00E+00	6.06E+00	9.61E-07	6.06E+00	6.72E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.36E+02
MYN450	7.68E-03	8.30E-01	2.86E-02	8.02E-01	0.00E+00	0.00E+00	4.91E+00	8.98E-06	4.66E-03	7.44E-03	0.00E+00	-4.56E-04	9.27E-10	5.07E-08	2.99E-02	1.65E+00	0.00E+00	0.00E+00	4.22E+00	6.10E-03	6.63E+00	0.00E+00	5.34E-08	2.94E-08	2.15E-03	2.08E-07	7.43E-01	0.00E+00	6.63E+00	1.01E-06	6.63E+00	7.37E+00	7.43E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
MYN463	7.77E-03	8.36E-01	2.90E-02	8.07E-01	0.00E+00	0.00E+00	4.97E+00	9.14E-06	4.71E-03	7.50E-03	0.00E+00	-4.56E-04	9.63E-10	5.13E-08	3.01E-02	1.67E+00	0.00E+00	0.00E+00	4.31E+00	6.10E-03	6.71E+00	0.00E+00	5.39E-08	2.98E-08	2.17E-03	2.09E-07	7.56E-01	0.00E+00	6.71E+00	1.04E-06	6.71E+00	7.46E+00	7.56E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
MYN506	1.25E-03	2.65E-01	7.69E-03	2.56E-01	0.00E+00	0.00E+00	1.57E+00	2.95E-06	5.15E-04	2.25E-03	0.00E+00	-8.39E-05	2.55E-10	6.36E-09	1.00E-02	4.03E-01	0.00E+00	0.00E+00	1.15E+00	1.13E-03	2.12E+00	0.00E+00	1.75E-08	8.56E-09	6.19E-04	4.85E-08	2.04E-01	0.00E+00	2.12E+00	3.95E-07	2.12E+00	2.37E+00	2.04E-01	0.00E+00	0.00E+00	0.00E+00	3.88E+01
MYN510	1.21E-03	2.75E-01	6.90E-03	2.68E-01	0.00E+00	0.00E+00	1.46E+00	2.74E-06	5.21E-04	2.40E-03	0.00E+00	-8.29E-05	2.36E-10	6.35E-09	9.56E-03	3.80E-01	0.00E+00	0.00E+00	1.08E+00	1.12E-03	2.07E+00	0.00E+00	1.68E-08	8.10E-09	6.21E-04	4.82E-08	1.95E-01	0.00E+00	2.07E+00	4.17E-07	2.07E+00	2.26E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.81E+01
MYN516	1.22E-03	2.75E-01	6.91E-03	2.68E-01	0.00E+00	0.00E+00	1.47E+00	2.74E-06	5.21E-04	2.40E-03	0.00E+00	-8.29E-05	2.37E-10	6.35E-09	9.58E-03	3.81E-01	0.00E+00	0.00E+00	1.08E+00	1.12E-03	2.07E+00	0.00E+00	1.68E-08	8.11E-09	6.22E-04	4.82E-08	1.95E-01	0.00E+00	2.07E+00	4.18E-07	2.07E+00	2.27E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	3.82E+01
MYN520	1.53E-03	2.84E-01	7.63E-03	2.76E-01	0.00E+00	0.00E+00	1.59E+00	2.95E-06	7.50E-04	2.49E-03	0.00E+00	-8.29E-05	2.60E-10	8.79E-09	1.01E-02	4.32E-01	0.00E+00	0.00E+00	1.19E+00	1.12E-03	2.20E+00	0.00E+00	1.78E-08	8.80E-09	6.63E-04	4.90E-08	2.15E-01	0.00E+00	2.20E+00	4.21E-07	2.20E+00	2.41E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	4.24E+01
MYN525	2.03E-03	3.17E-01	9.77E-03	3.07E-01	0.00E+00	0.00E+00	1.92E+00	3.56E-06	1.07E-03	2.80E-03	0.00E+00	-1.45E-04	3.34E-10	1.25E-08	1.22E-02	5.43E-01	0.00E+00	0.00E+00	1.49E+00	1.95E-03	2.57E+00	0.00E+00	2.06E-08	1.04E-08	7.63E-04	7.22E-08	2.64E-01	0.00E+00	2.57E+00	4.51E-07	2.57E+00	2.83E+00	2.64E-01	0.00E+00	0.00E+00	0.00E+00	5.34E+01
MYN532	3.24E-03	3.98E-01	1.21E-02	3.86E-01	0.00E+00	0.00E+00	2.15E+00	3.88E-06	1.91E-03	3.54E-03	0.00E+00	-1.52E-04	3.99E-10	2.09E-08	1.37E-02	7.20E-01	0.00E+00	0.00E+00	1.81E+00	2.05E-03	3.01E+00	0.00E+00	2.47E-08	1.33E-08	9.96E-04	7.85E-08	3.23E-01	0.00E+00	3.01E+00	4.69E-07	3.01E+00	3.34E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.58E+01
MYN540	3.25E-03	3.98E-01	1.29E-02	3.86E-01	0.00E+00	0.00E+00	2.17E+00	3.95E-06	1.91E-03	3.54E-03	0.00E+00	-2.39E-04	4.22E-10	2.10E-08	1.37E-02	7.23E-01	0.00E+00	0.00E+00	1.85E+00	3.20E-03	3.03E+00	0.00E+00	2.47E-08	1.33E-08	9.97E-04	1.06E-07	3.28E-01	0.00E+00	3.03E+00	4.78E-07	3.03E+00	3.36E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
NAN120S	9.46E-04	2.30E-01	6.43E-03	2.24E-01	0.00E+00	0.00E+00	1.09E+00	2.02E-06	4.26E-04	1.78E-03	0.00E+00	-1.38E-04	2.20E-10	5.07E-09	6.97E-03	3.12E-01	0.00E+00	0.00E+00	9.01E-01	1.79E-03	1.49E+00	0.00E+00	1.21E-08	5.82E-09	4.77E-04	6.38E-08	1.59E-01	0.00E+00	1.49E+00	2.41E-07	1.49E+00	1.64E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.12E+01
NB106A	8.30E-04	1.61E-01	4.52E-03	1.56E-01	0.00E+00	0.00E+00	9.11E-01	1.67E-06	4.28E-04	1.40E-03	0.00E+00	-8.78E-05	1.60E-10	4.96E-09	5.77E-03	2.43E-01	0.00E+00	0.00E+00	6.99E-01	1.18E-03	1.24E+00	0.00E+00	1.01E-08	5.01E-09	3.71E-04	4.01E-08	1.26E-01	0.00E+00	1.24E+00	2.46E-07	1.24E+00	1.36E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
NB110A	8.12E-04	1.60E-01	4.55E-03	1.57E-01	0.00E+00	0.00E+00	9.12E-01	1.74E-06	3.84E-04	1.40E-03	0.00E+00	-7.90E-05	1.65E-10	4.65E-09	5.77E-03	2.43E-01	0.00E+00	0.00E+00	7.10E-01	1.08E-03	1.25E+00	0.00E+00	1.01E-08	5.04E-09	3.73E-04	3.78E-08	1.26E-01	0.00E+00	1.25E+00	2.55E-07	1.25E+00	1.38E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
NB113A	8.14E-04	1.61E-01	4.57E-03	1.57E-01	0.00E+00	0.00E+00	9.38E-01	1.77E-06	3.86E-04	1.42E-03	0.00E+00	-7.40E-05	1.69E-10	4.65E-09	5.89E-03	2.44E-01	0.00E+00	0.00E+00	7.30E-01	1.02E-03	1.27E+00	0.00E+00	1.02E-08	5.08E-09	3.74E-04	3.68E-08	1.29E-01	0.00E+00	1.27E+00	2.57E-07	1.27E+00	1.40E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
NB116A	8.20E-04	1.61E-01	4.60E-03	1.57E-01	0.00E+00	0.00E+00	9.61E-01	1.80E-06	3.90E-04	1.42E-03	0.00E+00	-7.45E-05	1.72E-10	4.68E-09	6.03E-03	2.47E-01	0.00E+00	0.00E+00	7.42E-01	1.03E-03	1.29E+00	0.00E+00	1.04E-08	5.15E-09	3.75E-04	3.67E-08	1.31E-01	0.00E+00	1.29E+00	2.56E-07	1.29E+00	1.42E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.67E+01
NB120A	8.57E-04	1.65E-01	5.00E-03	1.61E-01	0.00E+00	0.00E+00	9.69E-01	1.83E-06	4.15E-04	1.47E-03	0.00E+00	-7.66E-05	1.74E-10	5.20E-09	6.08E-03	2.60E-01	0.00E+00	0.00E+00	7.56E-01	1.07E-03	1.31E+00	0.00E+00	1.05E-08	5.30E-09	3.97E-04	3.91E-08	1.32E-01	0.00E+00	1.31E+00	2.58E-07	1.31E+00	1.44E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NB125A	9.58E-04	1.66E-01	5.07E-03	1.61E-01	0.00E+00	0.00E+00	9.91E-01	1.89E-06	4.70E-04	1.47E-03	0.00E+00	-7.48E-05	1.82E-10	5.63E-09	6.16E-03	2.70E-01	0.00E+00	0.00E+00	7.89E-01	1.03E-03	1.34E+00	0.00E+00	1.07E-08	5.38E-09	3.95E-04	3.80E-08	1.38E-01	0.00E+00	1.34E+00	2.57E-07	1.34E+00	1.47E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
NB132A	1.62E-03	1.97E-01	6.09E-03	1.92E-01	0.00E+00	0.00E+00	1.10E+00	1.99E-06	9.42E-04	1.73E-03	0.00E+00	-7.72E-05	2.09E-10	1.03E-08	6.77E-03	3.60E-01	0.00E+00	0.00E+00	9.24E-01	1.05E-03	1.52E+00	0.00E+00	1.24E-08	6.66E-09	4.94E-04	3.99E-08	1.64E-01	0.00E+00	1.52E+00	2.44E-07	1.52E+00	1.68E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.39E+01
NB140A	1.63E-03	2.01E-01	6.22E-03	1.94E-01	0.00E+00	0.00E+00	1.10E+00	2.00E-06	9.62E-04	1.76E-03	0.00E+00	-8.09E-05	2.10E-10	1.05E-08	6.79E-03	3.61E-01	0.00E+00	0.00E+00	9.31E-01	1.07E-03	1.53E+00	0.00E+00	1.25E-08	6.70E-09	4.99E-04	4.20E-08	1.65E-01	0.00E+00	1.53E+00	2.47E-07	1.53E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.43E+01
NB150A	1.81E-03	2.08E-01	6.82E-03	1.99E-01	0.00E+00	0.00E+00	1.21E+00	2.23E-06	1.12E-03	1.87E-03	0.00E+00	-1.11E-04	2.29E-10	1.17E-08	7.49E-03	4.02E-01	0.00E+00	0.00E+00	1.03E+00	1.48E-03	1.62E+00	0.00E+00	1.32E-08	7.19E-09	5.41E-04	4.83E-08	1.84E-01	0.00E+00	1.62E+00	7.19E-07	1.62E+00	1.81E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.80E+01
NB163A	1.83E-03	2.08E-01	6.92E-03	2.00E-01	0.00E+00	0.00E+00	1.22E+00	2.24E-06	1.21E-03	1.88E-03	0.00E+00	-1.14E-04	2.33E-10	1.27E-08	7.51E-03	4.01E-01	0.00E+00	0.00E+00	1.03E+00	1.56E-03	1.63E+00	0.00E+00	1.33E-08	7.19E-09	5.38E-04	4.90E-08	1.84E-01	0.00E+00	1.63E+00	7.31E-07	1.63E+00	1.81E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	3.84E+01
NB206A	1.22E-03	3.22E-01	9.88E-03	3.12E-01	0.00E+00	0.00E+00	1.72E+00	3.28E-06	5.23E-04	2.73E-03	0.00E+00	-1.55E-04	3.32E-10	6.58E-09	1.13E-02	4.93E-01	0.00E+00	0.00E+00	1.35E+00	2.13E-03	2.39E+00	0.00E+00	1.94E-08	9.48E-09	7.48E-04	7.72E-08	2.39E-01	0.00E+00	2.39E+00	4.53E-07	2.39E+00	2.62E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.86E+01

NB210A	1.40E-03	3.25E-01	9.63E-03	3.15E-01	0.00E+00	0.00E+00	1.76E+00	3.37E-06	6.53E-04	2.78E-03	0.00E+00	-1.63E-04	3.33E-10	7.95E-09	1.15E-02	4.92E-01	0.00E+00	0.00E+00	1.38E+00	2.33E-03	2.47E+00	0.00E+00	1.97E-08	9.57E-09	7.43E-04	8.57E-08	2.43E-01	0.00E+00	2.47E+00	4.61E-07	2.47E+00	2.70E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	4.97E+01
NB213A	1.54E-03	3.25E-01	9.21E-03	3.15E-01	0.00E+00	0.00E+00	1.78E+00	3.43E-06	7.04E-04	2.80E-03	0.00E+00	-1.51E-04	3.35E-10	8.54E-09	1.18E-02	4.91E-01	0.00E+00	0.00E+00	1.42E+00	2.02E-03	2.51E+00	0.00E+00	2.00E-08	9.86E-09	7.43E-04	7.48E-08	2.46E-01	0.00E+00	2.51E+00	4.68E-07	2.51E+00	2.74E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.08E+01
NB216A	1.57E-03	3.26E-01	9.21E-03	3.16E-01	0.00E+00	0.00E+00	1.79E+00	3.42E-06	7.25E-04	2.80E-03	0.00E+00	-1.56E-04	3.33E-10	8.81E-09	1.18E-02	4.92E-01	0.00E+00	0.00E+00	1.41E+00	2.10E-03	2.50E+00	0.00E+00	2.00E-08	9.84E-09	7.44E-04	7.73E-08	2.46E-01	0.00E+00	2.50E+00	4.55E-07	2.50E+00	2.73E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	5.06E+01
NB220A	1.71E-03	3.26E-01	9.33E-03	3.16E-01	0.00E+00	0.00E+00	1.82E+00	3.44E-06	8.27E-04	2.81E-03	0.00E+00	-1.58E-04	3.40E-10	9.74E-09	1.19E-02	5.01E-01	0.00E+00	0.00E+00	1.45E+00	2.11E-03	2.52E+00	0.00E+00	2.01E-08	9.93E-09	7.45E-04	7.96E-08	2.51E-01	0.00E+00	2.52E+00	4.57E-07	2.52E+00	2.75E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.20E+01
NB225A	1.97E-03	3.27E-01	9.81E-03	3.18E-01	0.00E+00	0.00E+00	1.92E+00	3.65E-06	9.55E-04	2.89E-03	0.00E+00	-1.61E-04	3.53E-10	1.13E-08	1.27E-02	5.48E-01	0.00E+00	0.00E+00	1.57E+00	2.13E-03	2.74E+00	0.00E+00	2.17E-08	1.10E-08	7.55E-04	8.10E-08	2.73E-01	0.00E+00	2.74E+00	4.48E-07	2.74E+00	2.99E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	5.64E+01
NB240A	3.26E-03	3.98E-01	1.33E-02	3.86E-01	0.00E+00	0.00E+00	2.16E+00	3.98E-06	1.91E-03	3.52E-03	0.00E+00	-2.34E-04	4.21E-10	2.09E-08	1.36E-02	7.34E-01	0.00E+00	0.00E+00	1.91E+00	3.09E-03	3.03E+00	0.00E+00	2.47E-08	1.34E-08	1.00E-03	1.03E-07	3.36E-01	0.00E+00	3.03E+00	4.44E-07	3.03E+00	3.36E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	7.10E+01
NB250A	3.42E-03	4.09E-01	1.39E-02	3.93E-01	0.00E+00	0.00E+00	2.36E+00	4.32E-06	1.69E-03	3.59E-03	0.00E+00	-2.19E-04	4.33E-10	1.99E-08	1.45E-02	7.86E-01	0.00E+00	0.00E+00	2.01E+00	2.99E-03	3.20E+00	0.00E+00	2.58E-08	1.38E-08	1.02E-03	9.86E-08	3.49E-01	0.00E+00	3.20E+00	4.61E-07	3.20E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
NB263A	3.85E-03	4.11E-01	1.44E-02	3.95E-01	0.00E+00	0.00E+00	2.37E+00	4.36E-06	2.34E-03	3.61E-03	0.00E+00	-2.50E-04	4.56E-10	2.55E-08	1.46E-02	8.26E-01	0.00E+00	0.00E+00	2.05E+00	3.44E-03	3.22E+00	0.00E+00	2.59E-08	1.39E-08	1.02E-03	1.10E-07	3.55E-01	0.00E+00	3.22E+00	4.69E-07	3.22E+00	3.53E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	7.57E+01
NB306A	2.19E-03	4.70E-01	1.33E-02	4.58E-01	0.00E+00	0.00E+00	2.63E+00	4.89E-06	8.16E-04	4.11E-03	0.00E+00	-2.36E-04	4.75E-10	1.09E-08	1.72E-02	6.73E-01	0.00E+00	0.00E+00	1.99E+00	3.17E-03	3.61E+00	0.00E+00	2.90E-08	1.42E-08	1.11E-03	1.15E-07	3.53E-01	0.00E+00	3.61E+00	7.11E-07	3.61E+00	3.96E+00	3.53E-01	0.00E+00	0.00E+00	0.00E+00	7.08E+01
NB310A	2.19E-03	4.74E-01	1.42E-02	4.59E-01	0.00E+00	0.00E+00	2.70E+00	4.92E-06	8.74E-04	4.18E-03	0.00E+00	-2.15E-04	4.86E-10	1.11E-08	1.77E-02	6.80E-01	0.00E+00	0.00E+00	2.03E+00	2.86E-03	3.66E+00	0.00E+00	2.96E-08	1.45E-08	1.12E-03	1.09E-07	3.61E-01	0.00E+00	3.66E+00	2.85E-07	3.66E+00	4.04E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.26E+01
NB313A	2.39E-03	4.88E-01	1.42E-02	4.72E-01	0.00E+00	0.00E+00	2.73E+00	4.99E-06	9.11E-04	4.23E-03	0.00E+00	-2.18E-04	4.89E-10	1.14E-08	1.79E-02	7.04E-01	0.00E+00	0.00E+00	2.03E+00	2.87E-03	3.70E+00	0.00E+00	2.98E-08	1.46E-08	1.13E-03	1.10E-07	3.61E-01	0.00E+00	3.70E+00	2.92E-07	3.70E+00	4.08E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.29E+01
NB316A	2.46E-03	4.77E-01	1.47E-02	4.61E-01	0.00E+00	0.00E+00	2.71E+00	4.95E-06	1.12E-03	4.21E-03	0.00E+00	-2.13E-04	4.90E-10	1.35E-08	1.77E-02	7.55E-01	0.00E+00	0.00E+00	2.06E+00	2.84E-03	3.70E+00	0.00E+00	2.99E-08	1.48E-08	1.13E-03	1.10E-07	3.67E-01	0.00E+00	3.70E+00	2.66E-07	3.70E+00	4.09E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
NB325A	2.93E-03	5.03E-01	1.58E-02	4.84E-01	0.00E+00	0.00E+00	2.96E+00	5.47E-06	1.48E-03	4.37E-03	0.00E+00	-2.27E-04	5.39E-10	1.74E-08	1.89E-02	8.14E-01	0.00E+00	0.00E+00	2.33E+00	2.97E-03	4.01E+00	0.00E+00	3.25E-08	1.64E-08	1.16E-03	1.13E-07	4.11E-01	0.00E+00	4.01E+00	2.59E-07	4.01E+00	4.46E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.41E+01
NB332A	4.59E-03	5.88E-01	1.91E-02	5.70E-01	0.00E+00	0.00E+00	3.18E+00	5.71E-06	2.60E-03	5.22E-03	0.00E+00	-2.30E-04	6.20E-10	2.86E-08	2.02E-02	1.05E+00	0.00E+00	0.00E+00	2.72E+00	3.11E-03	4.42E+00	0.00E+00	3.62E-08	1.96E-08	1.46E-03	1.19E-07	4.83E-01	0.00E+00	4.42E+00	2.59E-07	4.42E+00	4.91E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.99E+01
NB340A	4.92E-03	5.95E-01	2.06E-02	5.77E-01	0.00E+00	0.00E+00	3.42E+00	6.10E-06	2.82E-03	5.29E-03	0.00E+00	-3.55E-04	6.53E-10	3.15E-08	2.19E-02	1.08E+00	0.00E+00	0.00E+00	2.78E+00	4.68E-03	4.51E+00	0.00E+00	3.67E-08	2.03E-08	1.50E-03	1.54E-07	4.95E-01	0.00E+00	4.51E+00	2.78E-07	4.51E+00	5.01E+00	4.95E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NB350A	5.72E-03	6.11E-01	2.22E-02	5.91E-01	0.00E+00	0.00E+00	3.62E+00	6.54E-06	3.41E-03	5.51E-03	0.00E+00	-3.59E-04	6.87E-10	3.73E-08	2.21E-02	1.22E+00	0.00E+00	0.00E+00	3.12E+00	4.71E-03	4.90E+00	0.00E+00	3.96E-08	2.18E-08	1.60E-03	1.54E-07	5.51E-01	0.00E+00	4.90E+00	2.94E-07	4.90E+00	5.48E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
NB363A	5.79E-03	6.15E-01	2.25E-02	5.96E-01	0.00E+00	0.00E+00	3.68E+00	6.70E-06	3.45E-03	5.55E-03	0.00E+00	-3.67E-04	7.15E-10	3.79E-08	2.23E-02	1.24E+00	0.00E+00	0.00E+00	3.21E+00	4.77E-03	4.97E+00	0.00E+00	4.00E-08	2.21E-08	1.61E-03	1.57E-07	5.62E-01	0.00E+00	4.97E+00	3.01E-07	4.97E+00	5.52E+00	5.62E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
NB413A	3.93E-03	6.67E-01	2.43E-02	6.41E-01	0.00E+00	0.00E+00	4.29E+00	7.69E-06	1.71E-03	5.89E-03	0.00E+00	-3.09E-04	8.10E-10	2.11E-08	2.70E-02	1.29E+00	0.00E+00	0.00E+00	3.57E+00	4.27E-03	5.86E+00	0.00E+00	4.68E-08	2.49E-08	1.74E-03	1.75E-07	6.29E-01	0.00E+00	5.86E+00	3.02E-07	5.86E+00	6.47E+00	6.29E-01	0.00E+00	0.00E+00	0.00E+00	1.30E+02
NBN020	9.39E-04	1.79E-01	6.12E-03	1.71E-01	0.00E+00	0.00E+00	9.99E-01	1.80E-06	4.24E-04	1.66E-03	0.00E+00	-1.60E-04	1.79E-10	5.19E-09	6.44E-03	2.62E-01	0.00E+00	0.00E+00	7.75E-01	2.06E-03	1.37E+00	0.00E+00	1.13E-08	6.05E-09	4.28E-04	5.85E-08	1.39E-01	0.00E+00	1.37E+00	2.43E-07	1.37E+00	1.52E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
NBN106	7.68E-04	1.80E-01	5.45E-03	1.74E-01	0.00E+00	0.00E+00	9.16E-01	1.72E-06	3.25E-04	1.55E-03	0.00E+00	-1.86E-04	1.66E-10	3.95E-09	6.10E-03	2.42E-01	0.00E+00	0.00E+00	6.98E-01	2.47E-03	1.31E+00	0.00E+00	1.07E-08	5.19E-09	3.99E-04	7.32E-08	1.24E-01	0.00E+00	1.31E+00	2.54E-07	1.31E+00	1.44E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NBN106A	7.68E-04	1.80E-01	5.45E-03	1.74E-01	0.00E+00	0.00E+00	9.16E-01	1.72E-06	3.25E-04	1.55E-03	0.00E+00	-1.86E-04	1.66E-10	3.95E-09	6.10E-03	2.42E-01	0.00E+00	0.00E+00	6.98E-01	2.47E-03	1.31E+00	0.00E+00	1.07E-08	5.19E-09	3.99E-04	7.32E-08	1.24E-01	0.00E+00	1.31E+00	2.54E-07	1.31E+00	1.44E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NBN106N	8.71E-04	1.79E-01	4.34E-03	1.86E-01	0.00E+00	0.00E+00	1.05E+00	1.83E-06	3.94E-04	1.44E-03	0.00E+00	-1.33E-04	1.69E-10	5.12E-09	5.65E-03	2.56E-01	0.00E+00	0.00E+00	6.93E-01	1.72E-03	1.20E+00	0.00E+00	9.92E-09	5.37E-09	3.74E-04	5.05E-08	1.25E-01	0.00E+00	1.20E+00	2.45E-07	1.20E+00	1.37E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
NBN110	7.98E-04	1.63E-01	5.51E-03	1.58E-01	0.00E+00	0.00E+00	9.35E-01	1.78E-06	3.59E-04	1.42E-03	0.00E+00	-1.86E-04	1.73E-10	4.42E-09	6.03E-03	2.46E-01	0.00E+00	0.00E+00	7.23E-01	2.47E-03	1.29E+00	0.00E+00	1.04E-08	5.10E-09	3.75E-04	7.25E-08	1.27E-01	0.00E+00	1.29E+00	2.52E-07	1.29E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NBN110A	7.98E-04	1.63E-01	5.51E-03	1.58E-01	0.00E+00	0.00E+00	9.35E-01	1.78E-06	3.59E-04	1.42E-03	0.00E+00	-1.86E-04	1.73E-10	4.42E-09	6.03E-03	2.46E-01	0.00E+00	0.00E+00	7.23E-01	2.47E-03	1.29E+00	0.00E+00	1.04E-08	5.10E-09	3.75E-04	7.25E-08	1.27E-01	0.00E+00	1.29E+00	2.52E-07	1.29E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NBN110N	6.44E-04	1.75E-01	4.22E-03	1.81E-01	0.00E+00	0.00E+00	1.04E+00	1.79E-06	2.62E-04	1.39E-03	0.00E+00	-1.18E-04	1.67E-10	3.20E-09	5.64E-03	2.23E-01	0.00E+00	0.00E+00	6.66E-01	1.50E-03	1.19E+00	0.00E+00	9.77E-09	4.91E-09	3.46E-04	4.43E-08	1.18E-01	0.00E+00	1.19E+00	2.44E-07	1.19E+00	1.35E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.33E+01
NBN116A	8.81E-04	1.65E-01	5.70E-03	1.60E-01	0.00E+00	0.00E+00	9.66E-01	1.83E-06	4.18E-04	1.45E-03	0.00E+00	-1.86E-04	1.79E-10	5.05E-09	6.16E-03	2.59E-01	0.00E+00	0.00E+00	7.52E-01	2.47E-03	1.33E+00	0.00E+00	1.06E-08	5.27E-09	3.85E-04	7.27E-08	1.32E-01	0.00E+00	1.33E+00	2.53E-07	1.33E+00	1.46E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NBN116N	7.08E-04	1.78E-01	4.28E-03	1.84E-01	0.00E+00	0.00E+00	1.05E+00	1.83E-06	2.90E-04	1.43E-03	0.00E+00	-1.21E-04	1.71E-10	3.43E-09	5.66E-03	2.41E-01	0.00E+00	0.00E+00	6.88E-01	1.53E-03	1.21E+00	0.00E+00	9.89E-09	5.20E-09	3.71E-04	4.56E-08	1.23E-01	0.00E+00	1.21E+00	2.45E-07	1.21E+00	1.37E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.44E+01
NBN120A	1.21E-03	1.73E-01	6.37E-03	1.66E-01	0.00E+00	0.00E+00	1.06E+00	2.00E-06	6.59E-04	1.53E-03	0.00E+00	-1.86E-04	2.00E-10	7.57E-09	6.56E-03	3.08E-01	0.00E+00	0.00E+00	8.57E-01	2.47E-03	1.43E+00	0.00E+00	1.14E-08	5.91E-09	4.24E-04	7.33E-08	1.50E-01	0.00E+00	1.43E+00	2.51E-07	1.43E+00	1.58E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.11E+01
NBN120N	8.84E-04	1.81E-01	4.35E-03	1.86E-01	0.00E+00	0.00E+00	1.06E+00	1.86E-06	4.16E-04	1.44E-03	0.00E+00	-1.22E-04	1.75E-10	5.20E-09	5.68E-03	2.59E-01	0.00E+00	0.00E+00	6.99E-01	1.48E-03	1.21E+00	0.00E+00	9.97E-09	5.42E-09	3.78E-04	4.61E-08	1.26E-01	0.00E+00	1.21E+00	2.47E-07	1.21E+00	1.38E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
NBN125N	9.97E-04	1.91E-01	5.49E-03	1.92E-01	0.00E+00	0.00E+00	1.15E+00	2.02E-06	4.46E-04	1.56E-03	0.00E+00	-1.25E-04	1.92E-10	5.70E-09	6.35E-03	2.79E-01	0.00E+00	0.00E+00	8.20E-01	1.55E-03	1.36E+00	0.00E+00	1.10E-08	5.90E-09	4.10E-04	4.81E-08	1.46E-01	0.00E+00	1.36E+00	2.53E-07	1.36E+00	1.53E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
NBN132A	1.49E-03	1.95E-01	6.91E-03	1.88E-01	0.00E+00	0.00E+00	1.12E+00	2.07E-06	8.53E-04	1.72E-03	0.00E+00	-1.86E-04	2.14E-10	9.47E-09	6.93E-03	3.50E-01	0.00E+00	0.00E+00	9.27E-01	2.47E-03	1.53E+00	0.00E+00	1.24E-08	6.56E-09	4.83E-04	7.44E-08	1.64E-01	0.00E+00	1.53E+00	2.50E-07	1.53E+00	1.70E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
NBN132N	1.55E-03	2.16E-01	6.56E-03	2.16E-01	0.00E+00	0.00E+00	1.30E+00	2.30E-06	9.61E-04	1.81E-03	0.00E+00	-1.65E-04	2.27E-10	1.13E-08	7.29E-03	3.74E-01	0.00E+00	0.00E+00	9.84E-01	2.16E-03	1.57E+00	0.00E+00	1.28E-08	7.08E-09	5.32E-04	7.09E-08	1.76E-01	0.00E+00	1.57E+00	5.34E-07	1.57E+00	1.77E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	3.64E+01
NBN140	1.54E-03	1.87E-01	6.97E-03	1.78E-01	0.00E+00	0.00E+00	1.08E+00	1.99E-06	9.69E-04	1.73E-03	0.00E+00	-1.59E-04	1.97E-10	1.06E-08	7.12E-03	3.44E-01	0.00E+00	0.00E+00	8.84E-01	2.06E-03	1.52E+00	0.00E+00	1.23E-08	6.52E-09	4.50E-04	6.07E-08	1.57E-01	0.00E+00	1.52E+00	2.43E-07	1.52E+00	1.69E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
NBN140N	1.62E-03	2.01E-01	6.15E-03	2.07E-01	0.00E+00	0.00E+00	1.20E+00	2.09E-06	9.94E-04	1.63E-03	0.00E+00	-1.62E-04	2.11E-10	1.16E-08	6.46E-03	3.55E-01	0.00E+00	0.00E+00	9.31E-01	2.05E-03	1.44E+00	0.00E+00	1.17E-08	6.69E-09	4.87E-04	6.68E-08	1.65E-01	0.00E+00	1.44E+00	2.62E-07	1.44E+00	1.64E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
NBN150	1.59E-03	2.04E-01	6.36E-03	1.96E-01	0.00E+00	0.00E+00	1.13E+00	2.10E-06	9.32E-04	1.75E-03	0.00E+00	-2.05E-04	2.04E-10	1.05E-08	6.97E-03	3.77E-01	0.00E+00	0.00E+00	9.31E-01	2.89E-03	1.61E+00	0.00E+00	1.32E-08	6.98E-09	4.83E-04	7.56E-08	1.68E-01	0.00E+00	1.61E+00	2.59E-07	1.61E+00	1.82E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
NBN150A	1.59E-03	2.04E-01	6.36E-03	1.96E-01	0.00E+00	0.00E+00	1.13E+00	2.10E-06	9.32E-04	1.75E-03	0.00E+00	-2.05E-04	2.04E-10	1.05E-08	6.97E-03	3.77E-01	0.00E+00	0.00E+00	9.31E-01	2.91E-03	1.61E+00	0.00E+00	1.32E-08	6.98E-09	4.83E-04	7.57E-08	1.68E-01	0.00E+00	1.61E+00	2.58E-07	1.61E+00	1.82E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
NBN150N	1.69E-03	2.06E-01	6.48E-03	2.09E-01	0.00E+00	0.00E+00	1.25E+00	2.06E-06	1.02E-03	1.65E-03	0.00E+00	-1.74E-04	2.12E-10	1.19E-08	6.52E-03	3.72E-01	0.00E+00	0.00E+00	9.52E-01	1.94E-03	1.46E+00	0.00E+00	1.19E-08	6.86E-09	4.89E-04	5.43E-08	1.72E-01	0.00E+00	1.46E+00	2.57E-07	1.46E+00	1.66E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
NBN163	1.77E-03	2.01E-01	7.18E-03	1.94E-01	0.00E+00	0.00E+00	1.15E+00	2.08E-06	1.07E-03	1.82E-03	0.00E+00	-1.75E-04	2.09E-10	1.19E-08	7.20E-03	3.71E-01	0.00E+00	0.00E+00	9.49E-01	2.33E-03	1.56E+00	0.00E+00	1.26E-08	6.90E-09	4.94E-04	7.00E-08	1.71E-01	0.00E+00	1.56E+00	2.46E-07	1.56E+00	1.73E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
NBN163A	1.77E-03	1.96E-01	7.18E-03	1.91E-01	0.00E+00	0.00E+00	1.13E+00	2.08E-06	1.07E-03	1.76E-03	0.00E+00	-1.67E-04	2.09E-10	1.19E-08	7.09E-03	3.71E-01	0.00E+00	0.00E+00	9.49E-01	2.21E-03	1.56E+00	0.00E+00	1.25E-08	6.90E-09	4.94E-04	6.49E-08	1.71E-01	0.00E+00	1.56E+00	2.46E-07	1.56E+00	1.73E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
NBN163N	1.70E-03	2.04E-01	6.80E-03	2.09E-01	0.00E+00	0.00E+00	1.26E+00	2.06E-06	1.12E-03	1.65E-03	0.00E+00	-2.12E-04	2.13E-10	1.23E-08	6.55E-03	3.75E-01	0.00E+00	0.00E+00	9.60E-01	2.50E-03	1.47E+00	0.00E+00	1.19E-08	6.86E-09	4.89E-04	7.13E-08	1.74E-01	0.00E+00	1.47E+00	2.56E-07	1.47E+00	1.66E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	3.51E+01
NBN206N	1.12E-03	3.06E-01	1.16E-02	3.04E-01	0.00E+00	0.00E+00	1.86E+00	3.63E-06	4.73E-04	2.69E-03	0.00E+00	-2.10E-04	3.59E-10	6.28E-09	1.16E-02	5.54E-01	0.00E+00	0.00E+00	1.44E+00	2.96E-03	2.61E+00	0.00E+00	2.02E-08	9.74E-09	7.93E-04	9.89E-08	2.51E-01	0.00E+00	2.61E+00	4.18E-07	2.61E+00	2.82E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.31E+01
NBN210A	2.25E-03	3.26E-01	1.14E-02	3.14E-01	0.00E+00	0.00E+00	1.86E+00	3.49E-06	7.16E-04	2.82E-03	0.00E+00	-4.29E-04	3.36E-10	8.80E-09	1.22E-02	4.92E-01	0.00E+00	0.00E+00	1.41E+00	5.69E-03	2.54E+00	0.00E+00	2.04E-08	1.00E-08	7.42E-04	1.63E-07	2.50E-01	0.00E+00	2.54E+00	4.62E-07	2.54E+00	2.79E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	5.05E+01
NBN210N	1.49E-03	2.94E-01	8.69E-03	2.96E-01	0.00E+00	0.00E+00	1.83E+00	3.62E-06	8.72E-04	2.61E-03	0.00E+00	-1.82E-04	3.47E-10	1.07E-08	1.15E-02	4.73E-01	0.00E+00	0.00E+00	1.41E+00	2.51E-03	2.62E+00	0.00E+00	2.00E-08	9.46E-09	6.78E-04	7.05E-08	2.40E-01	0.00E+00	2.62E+00	4.27E-07	2.62E+00	2.83E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	5.14E+01
NBN216A	1.71E-03	3.09E-01	1.12E-02	2.99E-01	0.00E+00	0.00E+00	1.92E+00	3.52E-06	8.92E-04	2.79E-03	0.00E+00	-3.05E-04	3.54E-10	1.04E-08	1.20E-02	5.24E-01	0.00E+00	0.00E+00	1.48E+00	3.99E-03	2.65E+00	0.00E+00	2.08E-08	1.04E-08	7.65E-04	1.32E-07	2.61E-01	0.00E+00	2.65E+00	6.06E-07	2.65E+00	2.90E+00	2.61E-01	0.00E+00	0.00E+00	0.00E+00	5.40E+01
NBN220N	1.70E-03	3.06E-01	1.15E-02	3.05E-01	0.00E+00	0.00E+00	1.93E+00	3.74E-06	9.94E-04	2.70E-03	0.00E+00	-2.16E-04	3.59E-10	1.20E-08	1.18E-02	5.66E-01	0.00E+00	0.00E+00	1.49E+00	3.12E-03	2.68E+00	0.00E+00	2.06E-08	1.02E-08	7.94E-04	9.83E-08	2.59E-01	0.00E+00	2.68E+00	4.23E-07	2.68E+00	2.87E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.55E+01
NBN232A	2.48E-03	3.50E-01	1.22E-02	3.36E-01	0.00E+00	0.00E+00	2.08E+00	3.98E-06	1.12E-03	3.14E-03	0.00E+00	-3.40E-04	3.64E-10	1.34E-08	1.44E-02	6.54E-01	0.00E+00	0.00E+00	1.69E+00	4.34E-03	3.09E+00	0.00E+00	2.58E-08	1.27E-08	9.30E-04	1.37E-07	3.03E-01	0.00E+00	3.09E+00	6.11E-07	3.09E+00	3.50E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	6.10E+01
NBN240N	3.19E-03	3.02E-01	1.31E-02	3.07E-01	0.00E+00	0.00E+00	2.24E+00	4.48E-06	1.85E-03	2.73E-03	0.00E+00	-3.48E-04	3.95E-10	2.04E-08	1.49E-02	7.04E-01	0.00E+00	0.00E+00	1.80E+00	4.67E-03	3.20E+00	0.00E+00	2.60E-08	1.30E-08	8.62E-04	1.38E-07	3.17E-01	0.00E+00	3.20E+00	4.49E-07	3.20E+00	3.55E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.52E+01
NBN250N	2.94E-03	3.02E-01	1.33E-02	3.08E-01	0.00E+00	0.00E+00	2.32E+00	4.49E-06	1.55E-03	2.73E-03	0.00E+00	-3.89E-04	4.02E-10	1.73E-08	1.50E-02	7.42E-01	0.00E+00	0.00E+00	1.91E+00	5.24E-03	3.26E+00	0.00E+00	2.61E-08	1.32E-08	8.41E-04	1.68E-07	3.32E-01	0.00E+00	3.26E+00	4.60E-07	3.26E+00	3.58E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.72E+01
NBN263N	3.34E-03	3.02E-01	1.39E-02	3.08E-01	0.00E+00	0.00E+00	2.36E+00	4.55E-06	1.95E-03	2.74E-03	0.00E+00	-4.43E-04	4.14E-10	2.16E-08	1.50E-02	7.69E-01	0.00E+00	0.00E+00	1.92E+00	5.82E-03	3.28E+00	0.00E+00	2.63E-08	1.33E-08	8.58E-04	1.75E-07	3.35E-01	0.00E+00	3.28E+00	4.60E-07	3.28E+00	3.60E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
NBN306N	2.08E-03	4.15E-01	1.41E-02	4.04E-01	0.00E+00	0.00E+00	2.60E+00	5.10E-06	9.08E-04	3.99E-03	0.00E+00	-2.39E-04	4.63E-10	1.18E-08	1.77E-02	6.20E-01	0.00E+00	0.00E+00	1.84E+00	3.57E-03	3.34E+00	0.00E+00	2.75E-08	1.23E-08	9.97E-04	1.28E-07	3.23E-01	0.00E+00	3.34E+00	2.56E-07	3.34E+00	3.73E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	6.41E+01
NBN310N	2.09E-03	4.19E-01	1.41E-02	4.06E-01	0.00E+00	0.00E+00	2.63E+00	5.18E-06	9.96E-04	4.05E-03	0.00E+00	-2.37E-04	4.70E-10	1.25E-08	1.77E-02	6.24E-01	0.00E+00	0.00E+00	1.84E+00	3.40E-03	3.36E+00	0.00E+00	2.77E-08	1.24E-08	1.03E-03	1.19E-07	3.25E-01	0.00E+00	3.36E+00	2.56E-07	3.36E+00	3.75E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.49E+01
NBN316	2.64E-03	4.95E-01	1.71E-02	4.77E-01	0.00E+00	0.00E+00	2.90E+00	5.50E-06	1.25E-03	4.33E-03	0.00E+00	-5.57E-04	5.37E-10	1.52E-08	1.90E-02	7.89E-01	0.00E+00	0.00E+00	2.26E+00	7.40E-03	4.01E+00	0.00E+00	3.20E-08	1.59E-08	1.16E-03	2.18E-07	3.98E-01	0.00E+00	4.01E+00	7.62E-07	4.01E+00	4.40E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
NBN316A	3.77E-03	4.97E-01	1.80E-02	4.79E-01	0.00E+00	0.00E+00	2.88E+00	5.40E-06	1.25E-03	4.32E-03	0.00E+00	-6.72E-04	5.22E-10	1.51E-08	1.88E-02	7.80E-01	0.00E+00	0.00E+00	2.21E+00	8.92E-03	3.93E+00	0.00E+00	3.15E-08	1.56E-08	1.15E-03	2.55E-07	3.91E-01	0.00E+00	3.93E+00	6.98E-07	3.93E+00	4.32E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	7.92E+01
NBN316N	2.49E-03	4.15E-01	1.47E-02	4.01E-01	0.00E+00	0.00E+00	2.64E+00	5.39E-06	1.22E-03	4.06E-03	0.00E+00	-2.68E-04	4.75E-10	1.45E-08	1.78E-02	6.96E-01	0.00E+00	0.00E+00	1.87E+00	3.68E-03	3.38E+00	0.00E+00	2.78E-08	1.27E-08	1.04E-03	1.23E-07	3.33E-01	0.00E+00	3.38E+00	2.55E-07	3.38E+00	3.76E+00	3.33E-01	0.00E+00	0.00E+00	0.00E+00	6.60E+01
NBN320A	3.63E-03	5.16E-01	1.91E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	5.99E-06	1.98E-03	4.57E-03	0.00E+00	-5.57E-04	6.02E-10	2.27E-08	2.02E-02	9.37E-01	0.00E+00	0.00E+00	2.57E+00	7.40E-03	4.32E+00	0.00E+00	3.44E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.57E-07	4.32E+00	4.77E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
NBN320N	2.77E-03	4.20E-01	1.50E-02	4.03E-01	0.00E+00	0.00E+00	2.67E+00	5.56E-06	1.36E-03	4.10E-03	0.00E+00	-2.66E-04	4.98E-10	1.63E-08	1.80E-02	7.25E-01	0.00E+00	0.00E+00	1.88E+00	3.59E-03	3.42E+00	0.00E+00	2.79E-08	1.27E-08	1.04E-03	1.22E-07	3.36E-01	0.00E+00	3.42E+00	2.55E-07	3.42E+00	3.78E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.66E+01
NBN325N	3.15E-03	4.46E-01	1.80E-02	4.28E-01	0.00E+00	0.00E+00	3.16E+00	6.64E-06	1.68E-03	4.26E-03	0.00E+00	-4.21E-04	5.65E-10	1.95E-08	2.18E-02	9.88E-01	0.00E+00	0.00E+00	2.75E+00	5.81E-03	4.47E+00	0.00E+00	3.40E-08	1.92E-08	1.30E-03	1.57E-07	4.66E-01	0.00E+00	4.47E+00	2.68E-07	4.47E+00	5.08E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.08E+01
NBN332A	4.48E-03	5.84E-01	2.08E-02	5.63E-01	0.00E+00	0.00E+00	3.36E+00	6.21E-06	2.56E-03	5.16E-03	0.00E+00	-5.57E-04	6.41E-10	2.84E-08	2.13E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	7.40E-03	4.63E+00	0.00E+00	3.73E-08	1.97E-08	1.45E-03	2.23E-07	4.92E-01	0.00E+00	4.63E+00	7.52E-07	4.63E+00	5.12E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NBN332N	4.43E-03	5.20E-01	2.03E-02	5.18E-01	0.00E+00	0.00E+00	3.08E+00	5.94E-06	2.47E-03	4.70E-03	0.00E+00	-4.73E-04	5.89E-10	2.73E-08	1.97E-02	1.03E+00	0.00E+00	0.00E+00	2.63E+00	6.23E-03	4.26E+00	0.00E+00	3.38E-08	1.93E-08	1.36E-03	1.67E-07	4.74E-01	0.00E+00	4.26E+00	2.85E-07	4.26E+00	4.89E+00	4.74E-01	0.00E+00	0.00E+00	0.00E+00	9.71E+01
NBN340N	4.67E-03	5.25E-01	2.15E-02	5.20E-01	0.00E+00	0.00E+00	3.11E+00	5.96E-06	2.72E-03	4.73E-03	0.00E+00	-4.58E-04	5.89E-10	2.97E-08	1.98E-02	1.10E+00	0.00E+00	0.00E+00	2.65E+00	5.74E-03	4.28E+00	0.00E+00	3.40E-08	2.05E-08	1.36E-03	1.73E-07	4.76E-01	0.00E+00	4.28E+00	2.85E-07	4.28E+00	4.91E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	9.77E+01
NBN350N	4.92E-03	5.23E-01	2.38E-02	5.15E-01	0.00E+00	0.00E+00	3.15E+00	5.76E-06	2.88E-03	4.73E-03	0.00E+00	-5.41E-04	5.88E-10	3.18E-08	1.98E-02	1.19E+00	0.00E+00	0.00E+00	2.96E+00	7.66E-03	4.28E+00	0.00E+00	3.46E-08	2.11E-08	1.38E-03	1.97E-07	5.33E-01	0.00E+00	4.28E+00	2.93E-07	4.28E+00	4.80E+00	5.33E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
NBN363A	5.71E-03	6.08E-01	2.32E-02	5.84E-01	0.00E+00	0.00E+00	3.66E+00	6.73E-06	3.46E-03	5.44E-03	0.00E+00	-5.70E-04	7.33E-10	3.78E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	7.58E-03	4.95E+00	0.00E+00	3.98E-08	2.20E-08	1.58E-03	2.29E-07	5.57E-01	0.00E+00	4.95E+00	7.45E-07	4.95E+00	5.51E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NBN363N	4.94E-03	5.25E-01	2.41E-02	5.15E-01	0.00E+00	0.00E+00	3.16E+00	5.76E-06	2.88E-03	4.74E-03	0.00E+00	-5.60E-04	5.88E-10	3.20E-08	1.99E-02	1.20E+00	0.00E+00	0.00E+00	2.96E+00	7.99E-03	4.28E+00	0.00E+00	3.46E-08	2.12E-08	1.38E-03	2.04E-07	5.34E-01	0.00E+00	4.28E+00	2.93E-07	4.28E+00	4.80E+00	5.34E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
NBN410	3.19E-03	6.15E-01	2.02E-02	5.98E-01	0.00E+00	0.00E+00	3.58E+00	6.69E-06	1.42E-03	5.47E-03	0.00E+00	-6.52E-04	6.47E-10	1.75E-08	2.23E-02	9.29E-01	0.00E+00	0.00E+00	2.65E+00	8.47E-03	4.94E+00	0.00E+00	3.98E-08	1.92E-08	1.49E-03	2.68E-07	4.71E-01	0.00E+00	4.94E+00	9.43E-07	4.94E+00	5.45E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.53E+01
NBN416A	3.55E-03	6.41E-01	2.27E-02	6.19E-01	0.00E+00	0.00E+00	3.81E+00	7.21E-06	1.72E-03	5.64E-03	0.00E+00	-6.83E-04	7.00E-10	2.08E-08	2.49E-02	1.05E+00	0.00E+00	0.00E+00	2.91E+00	8.99E-03	5.20E+00	0.00E+00	4.19E-08	2.08E-08	1.51E-03	2.72E-07	5.16E-01	0.00E+00	5.20E+00	9.62E-07	5.20E+00	5.73E+00	5.16E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NBN416N	3.33E-03	5.69E-01	1.95E-02	5.78E-01	0.00E+00	0.00E+00	3.55E+00	6.94E-06	1.72E-03	5.19E-03	0.00E+00	-4.76E-04	5.65E-10	2.02E-08	2.31E-02	1.05E+00	0.00E+00	0.00E+00	2.97E+00	6.36E-03	4.97E+00	0.00E+00	3.84E-08	2.05E-08	1.45E-03	1.61E-07	4.94E-01	0.00E+00	4.97E+00	2.64E-07	4.97E+00	5.51E+00	4.94E-01	0.00E+00	0.00E+00	0.00E+00	9.73E+01
NBN425N	5.29E-03	6.29E-01	2.60E-02	6.32E-01	0.00E+00	0.00E+00	4.71E+00	8.56E-06	2.72E-03	5.78E-03	0.00E+00	-5.47E-04	8.97E-10	3.25E-08	2.84E-02	1.62E+00	0.00E+00	0.00E+00	4.40E+00	7.26E-03	6.39E+00	0.00E+00	4.95E-08	2.78E-08	1.86E-03	2.03E-07	7.38E-01	0.00E+00	6.39E+00	2.68E-07	6.39E+00	7.14E+00	7.38E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
NBN432N	6.11E-03	6.50E-01	2.59E-02	6.56E-01	0.00E+00	0.00E+00	4.67E+00	8.14E-06	3.07E-03	6.03E-03	0.00E+00	-5.54E-04	9.07E-10	3.65E-08	2.70E-02	1.61E+00	0.00E+00	0.00E+00	4.39E+00	7.43E-03	6.36E+00	0.00E+00	5.04E-08	2.81E-08	1.90E-03	2.07E-07	7.52E-01	0.00E+00	6.36E+00	2.85E-07	6.36E+00	7.11E+00	7.52E-01	0.00E+00	0.00E+00	0.00E+00	1.66E+02
NBN516	1.76E-03	3.29E-01	1.14E-02	3.17E-01	0.00E+00	0.00E+00	1.93E+00	3.66E-06	8.34E-04	2.88E-03	0.00E+00	-3.71E-04	3.58E-10	1.01E-08	1.26E-02	5.24E-01	0.00E+00	0.00E+00	1.50E+00	4.93E-03	2.66E+00	0.00E+00	2.13E-08	1.05E-08	7.67E-04	1.45E-07	2.65E-01	0.00E+00	2.66E+00	5.04E-07	2.66E+00	2.92E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.40E+01
NBN520	1.89E-03	3.03E-01	1.12E-02	2.91E-01	0.00E+00	0.00E+00	2.06E+00	3.96E-06	8.92E-04	2.77E-03	0.00E+00	-3.06E-04	3.58E-10	1.05E-08	1.43E-02	5.53E-01	0.00E+00	0.00E+00	1.64E+00	4.00E-03	3.07E+00	0.00E+00	2.55E-08	1.23E-08	7.93E-04	1.34E-07	2.93E-01	0.00E+00	3.07E+00	6.03E-07	3.07E+00	3.49E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.77E+01
NBN606	3.07E-03	7.15E-01	2.18E-02	6.93E-01	0.00E+00	0.00E+00	3.67E+00	6.86E-06	1.30E-03	6.17E-03	0.00E+00	-7.42E-04	6.63E-10	1.58E-08	2.50E-02	9.82E-01	0.00E+00	0.00E+00	2.79E+00	9.87E-03	5.26E+00	0.00E+00	4.27E-08	2.08E-08	1.59E-03	2.93E-07	4.98E-01	0.00E+00	5.26E+00	1.01E-06	5.26E+00	5.76E+00	4.98E-01	0.00E+00	0.00E+00	0.00E+00	9.94E+01
NBN610	3.19E-03	6.49E-01	2.21E-02	6.27E-01	0.00E+00	0.00E+00	3.74E+00	7.11E-06	1.43E-03	5.66E-03	0.00E+00	-7.42E-04	6.92E-10	1.77E-08	2.47E-02	9.96E-01	0.00E+00	0.00E+00	2.89E+00	9.86E-03	5.19E+00	0.00E+00	4.15E-08	2.04E-08	1.49E-03	2.90E-07	5.09E-01	0.00E+00	5.19E+00	1.01E-06	5.19E+00	5.70E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NBN616	3.52E-03	6.58E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.33E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.16E-10	2.02E-08	2.52E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.29E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.29E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NBN620	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.98E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.02E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.74E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.74E+00	1.00E-06	5.74E+00	6.34E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NBN625	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.98E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.02E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.74E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.74E+00	1.00E-06	5.74E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NBN632	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.48E+00	8.27E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.15E+00	0.00E+00	4.96E-08	2.62E-08	1.93E-03	2.97E-07	6.56E-01	0.00E+00	6.15E+00	9.97E-07	6.15E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NBN640	7.30E-03	7.97E-01	3.01E-02	7.66E-01	0.00E+00	0.00E+00	4.72E+00	8.63E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.16E-10	4.81E-08	2.91E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.41E+00	0.00E+00	5.17E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.41E+00	9.45E-07	6.41E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NBN650	7.54E-03	8.02E-01	3.06E-02	7.71E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.22E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.37E-07	6.50E+00	7.22E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NC101E	9.87E-04	2.00E-01	6.11E-03	1.93E-01	0.00E+00	0.00E+00	9.92E-01	1.87E-06	4.69E-04	1.71E-03	0.00E+00	-1.69E-04	1.93E-10	5.35E-09	6.54E-03	2.85E-01	0.00E+00	0.00E+00	7.95E-01	2.09E-03	1.44E+00	0.00E+00	1.17E-08	5.81E-09	4.45E-04	6.52E-08	1.40E-01	0.00E+00	1.44E+00	2.58E-07	1.44E+00	1.57E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
NC104E	9.61E-04	2.00E-01	6.05E-03	1.93E-01	0.00E+00	0.00E+00	9.87E-01	1.87E-06	4.55E-04	1.71E-03	0.00E+00	-1.66E-04	1.92E-10	5.21E-09	6.48E-03	2.83E-01	0.00E+00	0.00E+00	7.88E-01	2.06E-03	1.42E+00	0.00E+00	1.15E-08	5.73E-09	4.43E-04	6.52E-08	1.39E-01	0.00E+00	1.42E+00	2.52E-07	1.42E+00	1.56E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
NC106A	6.89E-04	1.61E-01	4.34E-03	1.56E-01	0.00E+00	0.00E+00	9.00E-01	1.68E-06	2.88E-04	1.40E-03	0.00E+00	-7.38E-05	1.53E-10	3.65E-09	5.72E-03	2.24E-01	0.00E+00	0.00E+00	6.65E-01	9.92E-04	1.21E+00	0.00E+00	9.78E-09	4.72E-09	3.60E-04	3.64E-08	1.18E-01	0.00E+00	1.21E+00	2.35E-07	1.21E+00	1.33E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.36E+01

NC110A	7.02E-04	1.60E-01	4.42E-03	1.56E-01	0.00E+00	0.00E+00	9.14E-01	1.74E-06	2.90E-04	1.40E-03	0.00E+00	-7.38E-05	1.63E-10	3.70E-09	5.84E-03	2.30E-01	0.00E+00	0.00E+00	6.96E-01	9.92E-04	1.25E+00	0.00E+00	1.00E-08	4.87E-09	3.62E-04	3.65E-08	1.22E-01	0.00E+00	1.25E+00	2.61E-07	1.25E+00	1.37E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
NC110E	8.16E-04	1.62E-01	4.53E-03	1.58E-01	0.00E+00	0.00E+00	9.12E-01	1.74E-06	3.89E-04	1.40E-03	0.00E+00	-7.79E-05	1.65E-10	4.59E-09	5.76E-03	2.45E-01	0.00E+00	0.00E+00	7.10E-01	1.07E-03	1.25E+00	0.00E+00	1.00E-08	5.04E-09	3.74E-04	3.68E-08	1.25E-01	0.00E+00	1.25E+00	2.54E-07	1.25E+00	1.37E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.57E+01
NC113A	8.21E-04	1.61E-01	4.59E-03	1.57E-01	0.00E+00	0.00E+00	9.53E-01	1.81E-06	3.97E-04	1.42E-03	0.00E+00	-7.46E-05	1.72E-10	4.64E-09	6.03E-03	2.46E-01	0.00E+00	0.00E+00	7.44E-01	1.02E-03	1.29E+00	0.00E+00	1.04E-08	5.14E-09	3.74E-04	3.69E-08	1.31E-01	0.00E+00	1.29E+00	2.59E-07	1.29E+00	1.42E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
NC116A	7.69E-04	1.62E-01	4.57E-03	1.57E-01	0.00E+00	0.00E+00	9.39E-01	1.79E-06	3.38E-04	1.42E-03	0.00E+00	-7.38E-05	1.68E-10	4.21E-09	5.95E-03	2.40E-01	0.00E+00	0.00E+00	7.20E-01	9.92E-04	1.28E+00	0.00E+00	1.02E-08	5.02E-09	3.71E-04	3.67E-08	1.26E-01	0.00E+00	1.28E+00	2.61E-07	1.28E+00	1.41E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.58E+01
NC120A	8.32E-04	1.64E-01	4.73E-03	1.59E-01	0.00E+00	0.00E+00	9.66E-01	1.84E-06	3.82E-04	1.44E-03	0.00E+00	-7.38E-05	1.76E-10	4.69E-09	6.07E-03	2.51E-01	0.00E+00	0.00E+00	7.50E-01	9.92E-04	1.31E+00	0.00E+00	1.05E-08	5.18E-09	3.80E-04	3.68E-08	1.31E-01	0.00E+00	1.31E+00	2.66E-07	1.31E+00	1.44E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NC125A	9.82E-04	1.69E-01	5.05E-03	1.64E-01	0.00E+00	0.00E+00	1.02E+00	1.91E-06	4.93E-04	1.49E-03	0.00E+00	-7.38E-05	1.84E-10	5.87E-09	6.27E-03	2.74E-01	0.00E+00	0.00E+00	7.92E-01	9.93E-04	1.35E+00	0.00E+00	1.08E-08	5.43E-09	3.99E-04	3.72E-08	1.39E-01	0.00E+00	1.35E+00	2.51E-07	1.35E+00	1.49E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NC132A	1.63E-03	2.01E-01	6.11E-03	1.94E-01	0.00E+00	0.00E+00	1.10E+00	2.00E-06	9.47E-04	1.78E-03	0.00E+00	-7.94E-05	2.11E-10	1.05E-08	6.78E-03	3.60E-01	0.00E+00	0.00E+00	9.31E-01	1.07E-03	1.53E+00	0.00E+00	1.25E-08	6.70E-09	4.99E-04	4.05E-08	1.65E-01	0.00E+00	1.53E+00	2.47E-07	1.53E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
NC140A	1.62E-03	2.03E-01	6.21E-03	1.94E-01	0.00E+00	0.00E+00	1.11E+00	2.00E-06	9.55E-04	1.80E-03	0.00E+00	-8.11E-05	2.09E-10	1.05E-08	6.89E-03	3.60E-01	0.00E+00	0.00E+00	9.28E-01	1.11E-03	1.53E+00	0.00E+00	1.24E-08	6.68E-09	4.95E-04	4.25E-08	1.65E-01	0.00E+00	1.53E+00	2.49E-07	1.53E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
NC202E	2.31E-03	3.96E-01	1.18E-02	3.80E-01	0.00E+00	0.00E+00	2.05E+00	3.88E-06	5.08E-04	3.42E-03	0.00E+00	-3.16E-04	3.92E-10	7.13E-09	1.33E-02	5.99E-01	0.00E+00	0.00E+00	1.77E+00	4.34E-03	2.95E+00	0.00E+00	2.41E-08	1.34E-08	9.67E-04	1.36E-07	3.09E-01	0.00E+00	2.95E+00	4.89E-07	2.95E+00	3.32E+00	3.09E-01	0.00E+00	0.00E+00	0.00E+00	6.30E+01
NC204E	2.18E-03	3.96E-01	1.18E-02	3.81E-01	0.00E+00	0.00E+00	2.08E+00	4.00E-06	8.52E-04	3.44E-03	0.00E+00	-3.21E-04	3.92E-10	1.04E-08	1.34E-02	6.00E-01	0.00E+00	0.00E+00	1.80E+00	4.41E-03	2.99E+00	0.00E+00	2.41E-08	1.34E-08	9.68E-04	1.37E-07	3.15E-01	0.00E+00	2.99E+00	5.03E-07	2.99E+00	3.34E+00	3.15E-01	0.00E+00	0.00E+00	0.00E+00	6.35E+01
NC206A	1.22E-03	3.21E-01	9.86E-03	3.10E-01	0.00E+00	0.00E+00	1.71E+00	3.27E-06	5.19E-04	2.72E-03	0.00E+00	-1.55E-04	3.30E-10	6.57E-09	1.13E-02	4.90E-01	0.00E+00	0.00E+00	1.35E+00	2.13E-03	2.39E+00	0.00E+00	1.94E-08	9.43E-09	7.45E-04	7.77E-08	2.39E-01	0.00E+00	2.39E+00	4.49E-07	2.39E+00	2.62E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
NC210A	1.40E-03	3.19E-01	8.73E-03	3.10E-01	0.00E+00	0.00E+00	1.79E+00	3.41E-06	5.79E-04	2.78E-03	0.00E+00	-1.48E-04	3.23E-10	7.32E-09	1.18E-02	4.61E-01	0.00E+00	0.00E+00	1.37E+00	1.98E-03	2.49E+00	0.00E+00	1.99E-08	9.70E-09	7.23E-04	7.28E-08	2.41E-01	0.00E+00	2.49E+00	5.19E-07	2.49E+00	2.73E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.89E+01
NC213A	1.54E-03	3.24E-01	9.08E-03	3.14E-01	0.00E+00	0.00E+00	1.85E+00	3.52E-06	6.76E-04	2.83E-03	0.00E+00	-1.48E-04	3.41E-10	8.37E-09	1.21E-02	4.85E-01	0.00E+00	0.00E+00	1.43E+00	1.98E-03	2.55E+00	0.00E+00	2.04E-08	1.00E-08	7.43E-04	7.32E-08	2.51E-01	0.00E+00	2.55E+00	5.28E-07	2.55E+00	2.81E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.14E+01
NC216A	1.52E-03	3.26E-01	8.97E-03	3.17E-01	0.00E+00	0.00E+00	1.82E+00	3.41E-06	6.76E-04	2.84E-03	0.00E+00	-1.48E-04	3.23E-10	8.31E-09	1.19E-02	4.76E-01	0.00E+00	0.00E+00	1.38E+00	1.98E-03	2.48E+00	0.00E+00	2.00E-08	9.77E-09	7.38E-04	7.31E-08	2.45E-01	0.00E+00	2.48E+00	4.79E-07	2.48E+00	2.73E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	4.92E+01
NC220A	1.86E-03	3.22E-01	9.41E-03	3.11E-01	0.00E+00	0.00E+00	1.94E+00	3.65E-06	8.17E-04	2.82E-03	0.00E+00	-1.72E-04	3.47E-10	9.75E-09	1.27E-02	5.26E-01	0.00E+00	0.00E+00	1.54E+00	2.23E-03	2.73E+00	0.00E+00	2.15E-08	1.08E-08	7.51E-04	8.13E-08	2.69E-01	0.00E+00	2.73E+00	7.47E-07	2.73E+00	2.95E+00	2.69E-01	0.00E+00	0.00E+00	0.00E+00	5.49E+01
NC306A	2.05E-03	4.80E-01	1.28E-02	4.67E-01	0.00E+00	0.00E+00	2.62E+00	4.87E-06	8.61E-04	4.16E-03	0.00E+00	-2.22E-04	4.51E-10	1.08E-08	1.73E-02	6.72E-01	0.00E+00	0.00E+00	1.94E+00	2.97E-03	3.59E+00	0.00E+00	2.89E-08	1.40E-08	1.07E-03	1.09E-07	3.46E-01	0.00E+00	3.59E+00	6.94E-07	3.59E+00	3.94E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
NC310A	2.09E-03	4.77E-01	1.30E-02	4.64E-01	0.00E+00	0.00E+00	2.66E+00	5.07E-06	8.68E-04	4.16E-03	0.00E+00	-2.22E-04	4.83E-10	1.09E-08	1.76E-02	6.88E-01	0.00E+00	0.00E+00	2.04E+00	2.98E-03	3.71E+00	0.00E+00	2.97E-08	1.45E-08	1.08E-03	1.09E-07	3.58E-01	0.00E+00	3.71E+00	7.74E-07	3.71E+00	4.07E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	7.28E+01
NC313A	2.39E-03	4.89E-01	1.42E-02	4.72E-01	0.00E+00	0.00E+00	2.73E+00	5.00E-06	9.11E-04	4.24E-03	0.00E+00	-2.18E-04	4.90E-10	1.15E-08	1.79E-02	7.05E-01	0.00E+00	0.00E+00	2.04E+00	2.86E-03	3.69E+00	0.00E+00	2.98E-08	1.45E-08	1.13E-03	1.09E-07	3.62E-01	0.00E+00	3.69E+00	2.94E-07	3.69E+00	4.08E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	7.31E+01
NC316A	2.29E-03	4.82E-01	1.35E-02	4.69E-01	0.00E+00	0.00E+00	2.74E+00	5.20E-06	1.01E-03	4.22E-03	0.00E+00	-2.22E-04	4.97E-10	1.25E-08	1.80E-02	7.20E-01	0.00E+00	0.00E+00	2.11E+00	2.98E-03	3.79E+00	0.00E+00	3.03E-08	1.49E-08	1.11E-03	1.09E-07	3.71E-01	0.00E+00	3.79E+00	7.77E-07	3.79E+00	4.16E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.55E+01
NC320A	2.54E-03	4.91E-01	1.41E-02	4.77E-01	0.00E+00	0.00E+00	2.84E+00	5.39E-06	1.18E-03	4.31E-03	0.00E+00	-2.22E-04	5.26E-10	1.43E-08	1.84E-02	7.61E-01	0.00E+00	0.00E+00	2.22E+00	2.98E-03	3.91E+00	0.00E+00	3.12E-08	1.55E-08	1.14E-03	1.10E-07	3.89E-01	0.00E+00	3.91E+00	7.90E-07	3.91E+00	4.29E+00	3.89E-01	0.00E+00	0.00E+00	0.00E+00	7.98E+01
NC325A	2.93E-03	5.05E-01	1.49E-02	4.90E-01	0.00E+00	0.00E+00	2.98E+00	5.56E-06	1.48E-03	4.44E-03	0.00E+00	-2.22E-04	5.44E-10	1.74E-08	1.89E-02	8.20E-01	0.00E+00	0.00E+00	2.32E+00	2.98E-03	3.99E+00	0.00E+00	3.20E-08	1.61E-08	1.19E-03	1.11E-07	4.09E-01	0.00E+00	3.99E+00	7.41E-07	3.99E+00	4.40E+00	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.36E+01
NC332A	4.86E-03	5.95E-01	1.82E-02	5.77E-01	0.00E+00	0.00E+00	3.23E+00	5.87E-06	2.87E-03	5.29E-03	0.00E+00	-2.29E-04	6.30E-10	3.14E-08	2.05E-02	1.08E+00	0.00E+00	0.00E+00	2.77E+00	3.08E-03	4.52E+00	0.00E+00	3.69E-08	2.00E-08	1.49E-03	1.17E-07	4.89E-01	0.00E+00	4.52E+00	7.27E-07	4.52E+00	5.01E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NC340A	4.86E-03	5.93E-01	1.92E-02	5.74E-01	0.00E+00	0.00E+00	3.22E+00	5.88E-06	2.86E-03	5.27E-03	0.00E+00	-3.60E-04	6.30E-10	3.14E-08	2.04E-02	1.08E+00	0.00E+00	0.00E+00	2.76E+00	4.81E-03	4.51E+00	0.00E+00	3.68E-08	1.99E-08	1.49E-03	1.59E-07	4.89E-01	0.00E+00	4.51E+00	7.11E-07	4.51E+00	5.00E+00	4.89E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NC350A	5.74E-03	6.18E-01	2.14E-02	5.97E-01	0.00E+00	0.00E+00	3.65E+00	6.69E-06	3.49E-03	5.54E-03	0.00E+00	-3.43E-04	6.92E-10	3.80E-08	2.22E-02	1.23E+00	0.00E+00	0.00E+00	3.14E+00	4.59E-03	4.94E+00	0.00E+00	3.98E-08	2.19E-08	1.60E-03	1.56E-07	5.54E-01	0.00E+00	4.94E+00	7.46E-07	4.94E+00	5.49E+00	5.54E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
NC363A	5.81E-03	6.22E-01	2.16E-02	6.01E-01	0.00E+00	0.00E+00	3.70E+00	6.80E-06	3.53E-03	5.58E-03	0.00E+00	-3.43E-04	7.20E-10	3.84E-08	2.25E-02	1.25E+00	0.00E+00	0.00E+00	3.22E+00	4.59E-03	4.99E+00	0.00E+00	4.01E-08	2.22E-08	1.62E-03	1.57E-07	5.63E-01	0.00E+00	4.99E+00	7.69E-07	4.99E+00	5.55E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
NC406A	2.85E-03	6.07E-01	1.77E-02	5.90E-01	0.00E+00	0.00E+00	3.41E+00	6.43E-06	1.06E-03	5.29E-03	0.00E+00	-2.91E-04	6.07E-10	1.36E-08	2.19E-02	8.87E-01	0.00E+00	0.00E+00	2.63E+00	3.89E-03	4.78E+00	0.00E+00	3.82E-08	1.87E-08	1.39E-03	1.46E-07	4.63E-01	0.00E+00	4.78E+00	2.75E-07	4.78E+00	5.22E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	9.46E+01
NC410A	2.95E-03	6.27E-01	1.86E-02	6.07E-01	0.00E+00	0.00E+00	3.48E+00	6.59E-06	1.22E-03	5.41E-03	0.00E+00	-3.10E-04	6.25E-10	1.51E-08	2.25E-02	9.07E-01	0.00E+00	0.00E+00	2.66E+00	4.27E-03	4.81E+00	0.00E+00	3.84E-08	1.89E-08	1.45E-03	1.70E-07	4.70E-01	0.00E+00	4.81E+00	3.00E-07	4.81E+00	5.27E+00	4.70E-01	0.00E+00	0.00E+00	0.00E+00	9.57E+01
NC416A	3.19E-03	6.29E-01	1.96E-02	6.08E-01	0.00E+00	0.00E+00	3.64E+00	6.74E-06	1.45E-03	5.48E-03	0.00E+00	-3.09E-04	6.47E-10	1.78E-08	2.28E-02	9.77E-01	0.00E+00	0.00E+00	2.85E+00	4.25E-03	4.95E+00	0.00E+00	3.93E-08	1.98E-08	1.46E-03	1.70E-07	4.99E-01	0.00E+00	4.95E+00	2.99E-07	4.95E+00	5.44E+00	4.99E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NC420A	3.26E-03	6.32E-01	1.95E-02	6.11E-01	0.00E+00	0.00E+00	3.77E+00	7.00E-06	1.54E-03	5.51E-03	0.00E+00	-3.21E-04	6.76E-10	1.85E-08	2.36E-02	9.99E-01	0.00E+00	0.00E+00	2.91E+00	4.38E-03	5.10E+00	0.00E+00	4.08E-08	2.01E-08	1.48E-03	1.77E-07	5.12E-01	0.00E+00	5.10E+00	1.02E-06	5.10E+00	5.63E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02
NC425A	4.76E-03	6.61E-01	2.40E-02	6.40E-01	0.00E+00	0.00E+00	4.05E+00	7.52E-06	2.74E-03	5.87E-03	0.00E+00	-3.13E-04	7.27E-10	3.00E-08	2.65E-02	1.16E+00	0.00E+00	0.00E+00	3.13E+00	4.34E-03	5.41E+00	0.00E+00	4.34E-08	2.18E-08	1.60E-03	1.75E-07	5.58E-01	0.00E+00	5.41E+00	2.88E-07	5.41E+00	5.99E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02
NC432A	6.35E-03	7.98E-01	2.47E-02	7.73E-01	0.00E+00	0.00E+00	4.33E+00	7.89E-06	3.72E-03	7.09E-03	0.00E+00	-3.26E-04	8.27E-10	4.10E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.70E+00	4.57E-03	6.07E+00	0.00E+00	4.96E-08	2.67E-08	2.00E-03	1.89E-07	6.55E-01	0.00E+00	6.07E+00	9.72E-07	6.07E+00	6.73E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NC450A	7.70E-03	8.28E-01	2.90E-02	8.03E-01	0.00E+00	0.00E+00	4.93E+00	8.85E-06	4.67E-03	7.41E-03	0.00E+00	-4.40E-04	9.36E-10	5.09E-08	2.99E-02	1.68E+00	0.00E+00	0.00E+00	4.27E+00	5.83E-03	6.62E+00	0.00E+00	5.35E-08	2.95E-08	2.16E-03	2.02E-07	7.56E-01	0.00E+00	6.62E+00	3.03E-07	6.62E+00	7.41E+00	7.56E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NCN025	1.21E-03	1.73E-01	6.42E-03	1.67E-01	0.00E+00	0.00E+00	1.08E+00	2.03E-06	6.59E-04	1.53E-03	0.00E+00	-1.86E-04	2.02E-10	7.61E-09	6.64E-03	3.11E-01	0.00E+00	0.00E+00	8.68E-01	2.47E-03	1.45E+00	0.00E+00	1.16E-08	5.95E-09	4.25E-04	7.34E-08	1.52E-01	0.00E+00	1.45E+00	2.55E-07	1.45E+00	1.60E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.15E+01
NCN040	1.82E-03	1.95E-01	7.53E-03	1.88E-01	0.00E+00	0.00E+00	1.19E+00	2.19E-06	1.10E-03	1.75E-03	0.00E+00	-1.90E-04	2.30E-10	1.21E-08	7.16E-03	3.95E-01	0.00E+00	0.00E+00	1.02E+00	2.52E-03	1.60E+00	0.00E+00	1.29E-08	7.05E-09	5.08E-04	7.58E-08	1.79E-01	0.00E+00	1.60E+00	2.39E-07	1.60E+00	1.78E+00	1.79E-01	0.00E+00	0.00E+00	0.00E+00	3.73E+01
NCN100A	9.27E-04	1.76E-01	6.20E-03	1.69E-01	0.00E+00	0.00E+00	9.87E-01	1.78E-06	4.10E-04	1.64E-03	0.00E+00	-1.68E-04	1.78E-10	4.99E-09	6.41E-03	2.58E-01	0.00E+00	0.00E+00	7.69E-01	2.19E-03	1.36E+00	0.00E+00	1.12E-08	5.67E-09	4.21E-04	6.24E-08	1.38E-01	0.00E+00	1.36E+00	2.42E-07	1.36E+00	1.49E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
NCN100N	8.74E-04	1.87E-01	4.37E-03	1.97E-01	0.00E+00	0.00E+00	1.02E+00	1.76E-06	3.85E-04	1.44E-03	0.00E+00	-1.63E-04	1.68E-10	4.98E-09	5.67E-03	2.58E-01	0.00E+00	0.00E+00	7.00E-01	2.02E-03	1.22E+00	0.00E+00	9.98E-09	5.50E-09	3.74E-04	5.89E-08	1.26E-01	0.00E+00	1.22E+00	2.52E-07	1.22E+00	1.38E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
NCN101N	8.76E-04	1.87E-01	4.37E-03	1.97E-01	0.00E+00	0.00E+00	1.02E+00	1.76E-06	3.85E-04	1.44E-03	0.00E+00	-1.63E-04	1.68E-10	4.99E-09	5.67E-03	2.58E-01	0.00E+00	0.00E+00	7.00E-01	2.02E-03	1.22E+00	0.00E+00	9.98E-09	5.50E-09	3.74E-04	5.89E-08	1.26E-01	0.00E+00	1.22E+00	2.52E-07	1.22E+00	1.38E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.49E+01
NCN102A	9.26E-04	1.76E-01	6.18E-03	1.69E-01	0.00E+00	0.00E+00	9.89E-01	1.80E-06	4.13E-04	1.63E-03	0.00E+00	-1.61E-04	1.78E-10	5.05E-09	6.41E-03	2.57E-01	0.00E+00	0.00E+00	7.68E-01	2.08E-03	1.36E+00	0.00E+00	1.12E-08	5.66E-09	4.20E-04	5.93E-08	1.38E-01	0.00E+00	1.36E+00	2.43E-07	1.36E+00	1.49E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NCN102N	8.73E-04	1.87E-01	4.37E-03	1.97E-01	0.00E+00	0.00E+00	1.02E+00	1.76E-06	3.85E-04	1.44E-03	0.00E+00	-1.62E-04	1.68E-10	4.99E-09	5.68E-03	2.58E-01	0.00E+00	0.00E+00	6.99E-01	2.00E-03	1.22E+00	0.00E+00	9.98E-09	5.49E-09	3.74E-04	5.88E-08	1.26E-01	0.00E+00	1.22E+00	2.51E-07	1.22E+00	1.38E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NCN103N	8.72E-04	1.87E-01	4.37E-03	1.97E-01	0.00E+00	0.00E+00	1.02E+00	1.76E-06	3.91E-04	1.44E-03	0.00E+00	-1.57E-04	1.71E-10	4.97E-09	5.68E-03	2.58E-01	0.00E+00	0.00E+00	7.03E-01	1.93E-03	1.22E+00	0.00E+00	9.98E-09	5.52E-09	3.75E-04	5.64E-08	1.27E-01	0.00E+00	1.22E+00	2.52E-07	1.22E+00	1.38E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
NCN104N	8.72E-04	1.87E-01	4.37E-03	1.97E-01	0.00E+00	0.00E+00	1.02E+00	1.76E-06	3.89E-04	1.44E-03	0.00E+00	-1.57E-04	1.71E-10	4.92E-09	5.68E-03	2.57E-01	0.00E+00	0.00E+00	7.02E-01	1.91E-03	1.22E+00	0.00E+00	9.99E-09	5.51E-09	3.75E-04	5.65E-08	1.27E-01	0.00E+00	1.22E+00	2.52E-07	1.22E+00	1.38E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+01
NCN106A	7.68E-04	1.80E-01	5.45E-03	1.74E-01	0.00E+00	0.00E+00	9.15E-01	1.72E-06	3.25E-04	1.55E-03	0.00E+00	-1.86E-04	1.66E-10	3.95E-09	6.10E-03	2.42E-01	0.00E+00	0.00E+00	6.97E-01	2.47E-03	1.31E+00	0.00E+00	1.07E-08	5.19E-09	3.99E-04	7.32E-08	1.24E-01	0.00E+00	1.31E+00	2.54E-07	1.31E+00	1.44E+00	1.24E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NCN106N	8.71E-04	1.79E-01	4.34E-03	1.86E-01	0.00E+00	0.00E+00	1.05E+00	1.83E-06	3.95E-04	1.44E-03	0.00E+00	-1.34E-04	1.69E-10	5.11E-09	5.65E-03	2.56E-01	0.00E+00	0.00E+00	6.92E-01	1.71E-03	1.20E+00	0.00E+00	9.92E-09	5.36E-09	3.74E-04	5.00E-08	1.25E-01	0.00E+00	1.20E+00	2.45E-07	1.20E+00	1.37E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.46E+01
NCN110	7.98E-04	1.63E-01	5.51E-03	1.58E-01	0.00E+00	0.00E+00	9.36E-01	1.78E-06	3.59E-04	1.42E-03	0.00E+00	-1.86E-04	1.73E-10	4.42E-09	6.03E-03	2.46E-01	0.00E+00	0.00E+00	7.23E-01	2.47E-03	1.29E+00	0.00E+00	1.04E-08	5.10E-09	3.75E-04	7.25E-08	1.27E-01	0.00E+00	1.29E+00	2.52E-07	1.29E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NCN110A	7.98E-04	1.63E-01	5.51E-03	1.58E-01	0.00E+00	0.00E+00	9.36E-01	1.78E-06	3.59E-04	1.42E-03	0.00E+00	-1.86E-04	1.73E-10	4.42E-09	6.03E-03	2.46E-01	0.00E+00	0.00E+00	7.23E-01	2.47E-03	1.29E+00	0.00E+00	1.04E-08	5.10E-09	3.75E-04	7.25E-08	1.27E-01	0.00E+00	1.29E+00	2.52E-07	1.29E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
NCN116A	8.81E-04	1.65E-01	5.70E-03	1.60E-01	0.00E+00	0.00E+00	9.67E-01	1.83E-06	4.18E-04	1.45E-03	0.00E+00	-1.86E-04	1.79E-10	5.05E-09	6.17E-03	2.59E-01	0.00E+00	0.00E+00	7.53E-01	2.47E-03	1.33E+00	0.00E+00	1.06E-08	5.28E-09	3.85E-04	7.27E-08	1.32E-01	0.00E+00	1.33E+00	2.53E-07	1.33E+00	1.46E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NCN116N	8.93E-04	1.70E-01	5.43E-03	1.64E-01	0.00E+00	0.00E+00	1.04E+00	1.97E-06	4.13E-04	1.50E-03	0.00E+00	-1.25E-04	1.60E-10	5.21E-09	6.58E-03	2.70E-01	0.00E+00	0.00E+00	7.79E-01	1.67E-03	1.41E+00	0.00E+00	1.14E-08	5.53E-09	4.00E-04	5.44E-08	1.39E-01	0.00E+00	1.41E+00	2.72E-07	1.41E+00	1.55E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.77E+01
NCN120A	1.21E-03	1.73E-01	6.37E-03	1.66E-01	0.00E+00	0.00E+00	1.06E+00	2.00E-06	6.59E-04	1.53E-03	0.00E+00	-1.86E-04	2.01E-10	7.58E-09	6.56E-03	3.09E-01	0.00E+00	0.00E+00	8.58E-01	2.47E-03	1.43E+00	0.00E+00	1.15E-08	5.91E-09	4.24E-04	7.33E-08	1.50E-01	0.00E+00	1.43E+00	2.51E-07	1.43E+00	1.58E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.11E+01
NCN125N	9.93E-04	1.91E-01	5.44E-03	1.92E-01	0.00E+00	0.00E+00	1.15E+00	2.01E-06	4.46E-04	1.56E-03	0.00E+00	-1.25E-04	1.92E-10	5.68E-09	6.31E-03	2.77E-01	0.00E+00	0.00E+00	8.18E-01	1.54E-03	1.34E+00	0.00E+00	1.10E-08	5.79E-09	4.10E-04	4.77E-08	1.45E-01	0.00E+00	1.34E+00	2.52E-07	1.34E+00	1.51E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	2.92E+01
NCN132A	1.49E-03	1.95E-01	6.91E-03	1.88E-01	0.00E+00	0.00E+00	1.12E+00	2.07E-06	8.53E-04	1.72E-03	0.00E+00	-1.86E-04	2.14E-10	9.47E-09	6.94E-03	3.50E-01	0.00E+00	0.00E+00	9.28E-01	2.47E-03	1.54E+00	0.00E+00	1.24E-08	6.56E-09	4.83E-04	7.44E-08	1.64E-01	0.00E+00	1.54E+00	2.50E-07	1.54E+00	1.70E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
NCN140A	1.54E-03	1.89E-01	6.99E-03	1.80E-01	0.00E+00	0.00E+00	1.08E+00	1.99E-06	9.69E-04	1.75E-03	0.00E+00	-1.60E-04	1.98E-10	1.06E-08	7.12E-03	3.48E-01	0.00E+00	0.00E+00	8.84E-01	2.06E-03	1.52E+00	0.00E+00	1.23E-08	6.52E-09	4.54E-04	6.07E-08	1.57E-01	0.00E+00	1.52E+00	2.43E-07	1.52E+00	1.69E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	3.19E+01
NCN140N	1.62E-03	2.01E-01	6.08E-03	2.07E-01	0.00E+00	0.00E+00	1.20E+00	2.08E-06	9.89E-04	1.63E-03	0.00E+00	-1.62E-04	2.11E-10	1.15E-08	6.45E-03	3.55E-01	0.00E+00	0.00E+00	9.28E-01	2.02E-03	1.43E+00	0.00E+00	1.17E-08	6.65E-09	4.87E-04	6.66E-08	1.64E-01	0.00E+00	1.43E+00	2.61E-07	1.43E+00	1.64E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.37E+01
NCN150	1.59E-03	2.04E-01	6.26E-03	1.96E-01	0.00E+00	0.00E+00	1.10E+00	2.08E-06	9.28E-04	1.75E-03	0.00E+00	-2.08E-04	2.04E-10	1.03E-08	6.96E-03	3.67E-01	0.00E+00	0.00E+00	9.16E-01	2.93E-03	1.59E+00	0.00E+00	1.31E-08	6.83E-09	4.82E-04	7.58E-08	1.64E-01	0.00E+00	1.59E+00	2.59E-07	1.59E+00	1.80E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
NCN150A	1.59E-03	2.04E-01	6.26E-03	1.96E-01	0.00E+00	0.00E+00	1.10E+00	2.08E-06	9.28E-04	1.75E-03	0.00E+00	-2.08E-04	2.04E-10	1.03E-08	6.96E-03	3.67E-01	0.00E+00	0.00E+00	9.16E-01	2.94E-03	1.59E+00	0.00E+00	1.31E-08	6.83E-09	4.82E-04	7.59E-08	1.64E-01	0.00E+00	1.59E+00	2.59E-07	1.59E+00	1.80E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
NCN150N	1.69E-03	2.06E-01	6.47E-03	2.09E-01	0.00E+00	0.00E+00	1.25E+00	2.06E-06	1.02E-03	1.65E-03	0.00E+00	-1.72E-04	2.12E-10	1.19E-08	6.52E-03	3.71E-01	0.00E+00	0.00E+00	9.51E-01	1.92E-03	1.46E+00	0.00E+00	1.19E-08	6.86E-09	4.89E-04	5.39E-08	1.72E-01	0.00E+00	1.46E+00	2.57E-07	1.46E+00	1.66E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.47E+01
NCN163	1.77E-03	2.02E-01	7.18E-03	1.94E-01	0.00E+00	0.00E+00	1.15E+00	2.08E-06	1.07E-03	1.82E-03	0.00E+00	-1.74E-04	2.09E-10	1.19E-08	7.20E-03	3.71E-01	0.00E+00	0.00E+00	9.49E-01	2.32E-03	1.56E+00	0.00E+00	1.25E-08	6.90E-09	4.94E-04	6.92E-08	1.71E-01	0.00E+00	1.56E+00	2.46E-07	1.56E+00	1.73E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.42E+01
NCN163A	1.90E-03	2.03E-01	7.73E-03	1.95E-01	0.00E+00	0.00E+00	1.22E+00	2.24E-06	1.16E-03	1.82E-03	0.00E+00	-1.90E-04	2.44E-10	1.26E-08	7.31E-03	4.09E-01	0.00E+00	0.00E+00	1.06E+00	2.53E-03	1.64E+00	0.00E+00	1.32E-08	7.30E-09	5.28E-04	7.62E-08	1.85E-01	0.00E+00	1.64E+00	2.48E-07	1.64E+00	1.83E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
NCN163N	1.70E-03	2.04E-01	6.79E-03	2.09E-01	0.00E+00	0.00E+00	1.26E+00	2.06E-06	1.12E-03	1.66E-03	0.00E+00	-2.11E-04	2.12E-10	1.23E-08	6.55E-03	3.74E-01	0.00E+00	0.00E+00	9.59E-01	2.48E-03	1.47E+00	0.00E+00	1.19E-08	6.86E-09	4.89E-04	7.10E-08	1.73E-01	0.00E+00	1.47E+00	2.56E-07	1.47E+00	1.66E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.51E+01
NCN201N	9.52E-04	2.00E-01	5.16E-03	2.09E-01	0.00E+00	0.00E+00	1.20E+00	2.30E-06	4.04E-04	1.55E-03	0.00E+00	-2.66E-04	1.79E-10	5.33E-09	6.72E-03	2.74E-01	0.00E+00	0.00E+00	7.70E-01	3.54E-03	1.53E+00	0.00E+00	1.17E-08	5.83E-09	3.97E-04	7.78E-08	1.44E-01	0.00E+00	1.53E+00	3.78E-07	1.53E+00	1.67E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NCN202A	2.19E-03	3.10E-01	1.14E-02	2.96E-01	0.00E+00	0.00E+00	2.07E+00	4.33E-06	8.46E-04	2.79E-03	0.00E+00	-2.82E-04	3.58E-10	1.02E-08	1.50E-02	6.01E-01	0.00E+00	0.00E+00	1.72E+00	3.87E-03	3.22E+00	0.00E+00	2.66E-08	1.35E-08	8.37E-04	1.27E-07	3.05E-01	0.00E+00	3.22E+00	6.64E-07	3.22E+00	3.63E+00	3.05E-01	0.00E+00	0.00E+00	0.00E+00	6.07E+01
NCN202N	9.63E-04	2.00E-01	5.17E-03	2.09E-01	0.00E+00	0.00E+00	1.21E+00	2.30E-06	4.12E-04	1.55E-03	0.00E+00	-2.69E-04	1.81E-10	5.44E-09	6.71E-03	2.75E-01	0.00E+00	0.00E+00	7.76E-01	3.56E-03	1.53E+00	0.00E+00	1.17E-08	5.81E-09	4.00E-04	7.77E-08	1.45E-01	0.00E+00	1.53E+00	3.78E-07	1.53E+00	1.68E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
NCN203A	2.19E-03	3.02E-01	1.12E-02	2.89E-01	0.00E+00	0.00E+00	2.06E+00	4.33E-06	8.31E-04	2.74E-03	0.00E+00	-2.76E-04	3.58E-10	1.00E-08	1.50E-02	6.01E-01	0.00E+00	0.00E+00	1.72E+00	3.55E-03	3.22E+00	0.00E+00	2.65E-08	1.35E-08	8.21E-04	1.19E-07	3.04E-01	0.00E+00	3.22E+00	6.66E-07	3.22E+00	3.63E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	6.07E+01
NCN203N	1.25E-03	2.00E-01	5.35E-03	2.11E-01	0.00E+00	0.00E+00	1.21E+00	2.31E-06	8.98E-04	1.56E-03	0.00E+00	-2.70E-04	1.86E-10	1.01E-08	6.71E-03	2.82E-01	0.00E+00	0.00E+00	7.91E-01	3.57E-03	1.53E+00	0.00E+00	1.18E-08	5.84E-09	4.03E-04	7.78E-08	1.46E-01	0.00E+00	1.53E+00	3.79E-07	1.53E+00	1.68E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
NCN204	1.96E-03	3.05E-01	1.12E-02	2.92E-01	0.00E+00	0.00E+00	2.06E+00	3.97E-06	9.07E-04	2.77E-03	0.00E+00	-3.19E-04	3.58E-10	1.07E-08	1.43E-02	5.53E-01	0.00E+00	0.00E+00	1.64E+00	4.18E-03	3.08E+00	0.00E+00	2.56E-08	1.24E-08	7.94E-04	1.36E-07	2.94E-01	0.00E+00	3.08E+00	6.12E-07	3.08E+00	3.49E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	5.79E+01
NCN204A	2.19E-03	3.02E-01	1.11E-02	2.89E-01	0.00E+00	0.00E+00	2.07E+00	4.34E-06	9.13E-04	2.75E-03	0.00E+00	-2.78E-04	3.58E-10	1.09E-08	1.50E-02	6.01E-01	0.00E+00	0.00E+00	1.71E+00	3.66E-03	3.22E+00	0.00E+00	2.65E-08	1.35E-08	8.21E-04	1.18E-07	3.04E-01	0.00E+00	3.22E+00	6.61E-07	3.22E+00	3.63E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	6.07E+01
NCN204N	1.25E-03	2.00E-01	5.34E-03	2.11E-01	0.00E+00	0.00E+00	1.21E+00	2.30E-06	8.94E-04	1.56E-03	0.00E+00	-2.71E-04	1.87E-10	1.00E-08	6.71E-03	2.82E-01	0.00E+00	0.00E+00	7.91E-01	3.57E-03	1.53E+00	0.00E+00	1.18E-08	5.83E-09	4.03E-04	7.75E-08	1.46E-01	0.00E+00	1.53E+00	3.78E-07	1.53E+00	1.68E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	2.78E+01
NCN206N	9.48E-04	1.93E-01	5.15E-03	1.99E-01	0.00E+00	0.00E+00	1.22E+00	2.30E-06	4.26E-04	1.55E-03	0.00E+00	-1.77E-04	1.82E-10	5.59E-09	6.65E-03	2.74E-01	0.00E+00	0.00E+00	7.66E-01	2.37E-03	1.52E+00	0.00E+00	1.17E-08	5.72E-09	4.01E-04	6.71E-08	1.43E-01	0.00E+00	1.52E+00	3.70E-07	1.52E+00	1.69E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	2.68E+01
NCN210A	1.59E-03	3.24E-01	1.10E-02	3.13E-01	0.00E+00	0.00E+00	1.87E+00	3.56E-06	7.16E-04	2.83E-03	0.00E+00	-3.71E-04	3.46E-10	8.84E-09	1.24E-02	4.98E-01	0.00E+00	0.00E+00	1.45E+00	4.93E-03	2.59E+00	0.00E+00	2.07E-08	1.02E-08	7.46E-04	1.45E-07	2.54E-01	0.00E+00	2.59E+00	5.02E-07	2.59E+00	2.85E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
NCN210N	1.48E-03	2.94E-01	8.69E-03	2.96E-01	0.00E+00	0.00E+00	1.83E+00	3.61E-06	8.68E-04	2.61E-03	0.00E+00	-1.82E-04	3.44E-10	1.06E-08	1.15E-02	4.73E-01	0.00E+00	0.00E+00	1.41E+00	2.52E-03	2.62E+00	0.00E+00	2.00E-08	9.47E-09	6.77E-04	7.03E-08	2.40E-01	0.00E+00	2.62E+00	4.27E-07	2.62E+00	2.83E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	5.14E+01
NCN216A	1.76E-03	3.29E-01	1.14E-02	3.17E-01	0.00E+00	0.00E+00	1.93E+00	3.66E-06	8.34E-04	2.88E-03	0.00E+00	-3.71E-04	3.58E-10	1.01E-08	1.26E-02	5.25E-01	0.00E+00	0.00E+00	1.50E+00	4.93E-03	2.66E+00	0.00E+00	2.13E-08	1.05E-08	7.68E-04	1.45E-07	2.65E-01	0.00E+00	2.66E+00	5.04E-07	2.66E+00	2.93E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
NCN216N	1.61E-03	2.94E-01	1.02E-02	2.97E-01	0.00E+00	0.00E+00	1.89E+00	3.68E-06	9.28E-04	2.65E-03	0.00E+00	-1.96E-04	3.46E-10	1.13E-08	1.17E-02	5.50E-01	0.00E+00	0.00E+00	1.45E+00	2.73E-03	2.66E+00	0.00E+00	2.05E-08	1.00E-08	7.87E-04	7.70E-08	2.53E-01	0.00E+00	2.66E+00	4.24E-07	2.66E+00	2.86E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	5.39E+01
NCN220N	1.70E-03	3.06E-01	1.15E-02	3.05E-01	0.00E+00	0.00E+00	1.93E+00	3.74E-06	9.93E-04	2.70E-03	0.00E+00	-2.17E-04	3.56E-10	1.20E-08	1.18E-02	5.66E-01	0.00E+00	0.00E+00	1.49E+00	3.13E-03	2.67E+00	0.00E+00	2.06E-08	1.02E-08	7.94E-04	9.80E-08	2.59E-01	0.00E+00	2.67E+00	4.23E-07	2.67E+00	2.87E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	5.54E+01
NCN240A	3.65E-03	3.98E-01	1.50E-02	3.83E-01	0.00E+00	0.00E+00	2.36E+00	4.32E-06	2.21E-03	3.55E-03	0.00E+00	-3.80E-04	4.58E-10	2.41E-08	1.46E-02	7.95E-01	0.00E+00	0.00E+00	2.02E+00	5.05E-03	3.21E+00	0.00E+00	2.59E-08	1.41E-08	1.03E-03	1.52E-07	3.56E-01	0.00E+00	3.21E+00	4.72E-07	3.21E+00	3.56E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
NCN240N	3.19E-03	4.08E-01	1.41E-02	3.94E-01	0.00E+00	0.00E+00	2.22E+00	3.98E-06	1.86E-03	3.61E-03	0.00E+00	-3.85E-04	3.80E-10	2.05E-08	1.41E-02	7.23E-01	0.00E+00	0.00E+00	1.80E+00	5.12E-03	3.08E+00	0.00E+00	2.53E-08	1.34E-08	1.01E-03	1.54E-07	3.25E-01	0.00E+00	3.08E+00	4.49E-07	3.08E+00	3.41E+00	3.25E-01	0.00E+00	0.00E+00	0.00E+00	6.52E+01
NCN250N	2.94E-03	3.02E-01	1.33E-02	3.08E-01	0.00E+00	0.00E+00	2.32E+00	4.48E-06	1.54E-03	2.73E-03	0.00E+00	-3.89E-04	4.02E-10	1.72E-08	1.50E-02	7.42E-01	0.00E+00	0.00E+00	1.91E+00	5.24E-03	3.26E+00	0.00E+00	2.61E-08	1.32E-08	8.41E-04	1.69E-07	3.32E-01	0.00E+00	3.26E+00	4.60E-07	3.26E+00	3.57E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	6.72E+01
NCN263N	3.34E-03	3.02E-01	1.39E-02	3.08E-01	0.00E+00	0.00E+00	2.36E+00	4.55E-06	1.95E-03	2.74E-03	0.00E+00	-4.43E-04	4.14E-10	2.16E-08	1.50E-02	7.69E-01	0.00E+00	0.00E+00	1.92E+00	5.82E-03	3.28E+00	0.00E+00	2.63E-08	1.33E-08	8.58E-04	1.75E-07	3.35E-01	0.00E+00	3.28E+00	4.60E-07	3.28E+00	3.60E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.81E+01
NCN301N	2.12E-03	4.29E-01	1.41E-02	4.19E-01	0.00E+00	0.00E+00	2.62E+00	4.78E-06	4.79E-04	4.07E-03	0.00E+00	-3.52E-04	4.69E-10	7.30E-09	1.69E-02	6.23E-01	0.00E+00	0.00E+00	1.91E+00	5.01E-03	3.36E+00	0.00E+00	2.76E-08	1.29E-08	1.05E-03	1.44E-07	3.37E-01	0.00E+00	3.36E+00	2.67E-07	3.36E+00	3.77E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.74E+01
NCN302N	2.18E-03	4.29E-01	1.41E-02	4.19E-01	0.00E+00	0.00E+00	2.62E+00	4.79E-06	9.84E-04	4.09E-03	0.00E+00	-3.46E-04	4.69E-10	1.22E-08	1.68E-02	6.23E-01	0.00E+00	0.00E+00	1.91E+00	4.82E-03	3.36E+00	0.00E+00	2.77E-08	1.28E-08	1.05E-03	1.40E-07	3.35E-01	0.00E+00	3.36E+00	2.68E-07	3.36E+00	3.76E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.74E+01
NCN303A	2.75E-03	4.94E-01	1.62E-02	4.77E-01	0.00E+00	0.00E+00	2.69E+00	5.13E-06	1.15E-03	4.37E-03	0.00E+00	-5.07E-04	5.10E-10	1.37E-08	1.86E-02	8.03E-01	0.00E+00	0.00E+00	2.23E+00	6.81E-03	3.87E+00	0.00E+00	3.25E-08	1.70E-08	1.23E-03	2.00E-07	3.98E-01	0.00E+00	3.87E+00	7.18E-07	3.87E+00	4.31E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.06E+01
NCN303N	2.20E-03	4.29E-01	1.41E-02	4.19E-01	0.00E+00	0.00E+00	2.61E+00	4.80E-06	1.05E-03	4.08E-03	0.00E+00	-3.42E-04	4.70E-10	1.28E-08	1.68E-02	6.26E-01	0.00E+00	0.00E+00	1.91E+00	4.71E-03	3.36E+00	0.00E+00	2.77E-08	1.28E-08	1.05E-03	1.34E-07	3.37E-01	0.00E+00	3.36E+00	2.66E-07	3.36E+00	3.76E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01
NCN304N	2.19E-03	4.29E-01	1.41E-02	4.19E-01	0.00E+00	0.00E+00	2.62E+00	4.80E-06	1.04E-03	4.10E-03	0.00E+00	-3.43E-04	4.70E-10	1.28E-08	1.69E-02	6.23E-01	0.00E+00	0.00E+00	1.91E+00	4.67E-03	3.37E+00	0.00E+00	2.78E-08	1.28E-08	1.05E-03	1.33E-07	3.36E-01	0.00E+00	3.37E+00	2.65E-07	3.37E+00	3.77E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	6.79E+01

NCN306	2.36E-03	4.58E-01	1.45E-02	4.48E-01	0.00E+00	0.00E+00	2.58E+00	5.06E-06	1.01E-03	4.16E-03	0.00E+00	-4.88E-04	4.89E-10	1.23E-08	1.81E-02	6.79E-01	0.00E+00	0.00E+00	2.01E+00	6.36E-03	3.81E+00	0.00E+00	3.22E-08	1.53E-08	1.16E-03	1.80E-07	3.61E-01	0.00E+00	3.81E+00	7.00E-07	3.81E+00	4.27E+00	3.61E-01	0.00E+00	0.00E+00	0.00E+00	7.09E+01
NCN306A	2.31E-03	5.37E-01	1.64E-02	5.21E-01	0.00E+00	0.00E+00	2.75E+00	5.15E-06	9.75E-04	4.63E-03	0.00E+00	-5.57E-04	4.97E-10	1.19E-08	1.88E-02	7.38E-01	0.00E+00	0.00E+00	2.10E+00	7.40E-03	3.96E+00	0.00E+00	3.21E-08	1.56E-08	1.20E-03	2.20E-07	3.74E-01	0.00E+00	3.96E+00	7.64E-07	3.96E+00	4.33E+00	3.74E-01	0.00E+00	0.00E+00	0.00E+00	7.46E+01
NCN306N	2.10E-03	4.25E-01	1.43E-02	4.11E-01	0.00E+00	0.00E+00	2.68E+00	5.16E-06	9.14E-04	4.07E-03	0.00E+00	-2.39E-04	4.83E-10	1.18E-08	1.77E-02	6.20E-01	0.00E+00	0.00E+00	1.86E+00	3.54E-03	3.38E+00	0.00E+00	2.78E-08	1.24E-08	1.04E-03	1.27E-07	3.27E-01	0.00E+00	3.38E+00	2.57E-07	3.38E+00	3.75E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	6.46E+01
NCN310A	2.40E-03	4.88E-01	1.66E-02	4.71E-01	0.00E+00	0.00E+00	2.81E+00	5.34E-06	1.08E-03	4.25E-03	0.00E+00	-5.57E-04	5.20E-10	1.33E-08	1.86E-02	7.49E-01	0.00E+00	0.00E+00	2.17E+00	7.40E-03	3.91E+00	0.00E+00	3.12E-08	1.53E-08	1.12E-03	2.18E-07	3.82E-01	0.00E+00	3.91E+00	7.60E-07	3.91E+00	4.29E+00	3.82E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
NCN310N	2.13E-03	4.15E-01	1.31E-02	4.05E-01	0.00E+00	0.00E+00	2.60E+00	5.17E-06	9.98E-04	4.03E-03	0.00E+00	-2.47E-04	4.62E-10	1.25E-08	1.77E-02	6.24E-01	0.00E+00	0.00E+00	1.84E+00	3.45E-03	3.37E+00	0.00E+00	2.76E-08	1.23E-08	9.97E-04	1.19E-07	3.24E-01	0.00E+00	3.37E+00	7.02E-07	3.37E+00	3.75E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	6.47E+01
NCN316	2.64E-03	4.95E-01	1.71E-02	4.78E-01	0.00E+00	0.00E+00	2.91E+00	5.51E-06	1.25E-03	4.33E-03	0.00E+00	-5.57E-04	5.38E-10	1.52E-08	1.90E-02	7.89E-01	0.00E+00	0.00E+00	2.26E+00	7.40E-03	4.01E+00	0.00E+00	3.20E-08	1.59E-08	1.16E-03	2.18E-07	3.98E-01	0.00E+00	4.01E+00	7.63E-07	4.01E+00	4.41E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
NCN316A	2.64E-03	4.95E-01	1.71E-02	4.78E-01	0.00E+00	0.00E+00	2.91E+00	5.51E-06	1.25E-03	4.33E-03	0.00E+00	-5.57E-04	5.38E-10	1.52E-08	1.90E-02	7.89E-01	0.00E+00	0.00E+00	2.26E+00	7.40E-03	4.01E+00	0.00E+00	3.20E-08	1.59E-08	1.16E-03	2.18E-07	3.98E-01	0.00E+00	4.01E+00	7.63E-07	4.01E+00	4.41E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.12E+01
NCN316N	2.65E-03	5.05E-01	1.60E-02	4.89E-01	0.00E+00	0.00E+00	3.03E+00	5.69E-06	1.23E-03	4.45E-03	0.00E+00	-3.76E-04	4.71E-10	1.54E-08	1.97E-02	8.02E-01	0.00E+00	0.00E+00	2.27E+00	5.02E-03	4.14E+00	0.00E+00	3.34E-08	1.62E-08	1.18E-03	1.62E-07	4.05E-01	0.00E+00	4.14E+00	7.80E-07	4.14E+00	4.55E+00	4.05E-01	0.00E+00	0.00E+00	0.00E+00	8.06E+01
NCN320A	3.64E-03	5.16E-01	1.91E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.57E-03	0.00E+00	-5.57E-04	6.02E-10	2.27E-08	2.02E-02	9.37E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.57E-07	4.32E+00	4.77E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
NCN320N	2.76E-03	4.20E-01	1.41E-02	4.05E-01	0.00E+00	0.00E+00	2.67E+00	5.61E-06	1.37E-03	4.12E-03	0.00E+00	-2.69E-04	4.97E-10	1.65E-08	1.80E-02	7.24E-01	0.00E+00	0.00E+00	1.88E+00	3.57E-03	3.45E+00	0.00E+00	2.80E-08	1.27E-08	1.04E-03	1.22E-07	3.35E-01	0.00E+00	3.45E+00	7.31E-07	3.45E+00	3.80E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	6.64E+01
NCN325A	5.35E-03	5.19E-01	2.00E-02	4.99E-01	0.00E+00	0.00E+00	3.17E+00	5.90E-06	1.98E-03	4.57E-03	0.00E+00	-6.72E-04	5.87E-10	2.27E-08	2.00E-02	9.28E-01	0.00E+00	0.00E+00	2.53E+00	8.92E-03	4.25E+00	0.00E+00	3.40E-08	1.75E-08	1.26E-03	2.57E-07	4.46E-01	0.00E+00	4.25E+00	6.94E-07	4.25E+00	4.69E+00	4.46E-01	0.00E+00	0.00E+00	0.00E+00	9.15E+01
NCN325N	3.14E-03	4.46E-01	1.80E-02	4.28E-01	0.00E+00	0.00E+00	3.16E+00	6.64E-06	1.69E-03	4.27E-03	0.00E+00	-4.18E-04	5.63E-10	1.95E-08	2.17E-02	9.89E-01	0.00E+00	0.00E+00	2.75E+00	5.73E-03	4.47E+00	0.00E+00	3.41E-08	1.92E-08	1.30E-03	1.54E-07	4.66E-01	0.00E+00	4.47E+00	2.68E-07	4.47E+00	5.08E+00	4.66E-01	0.00E+00	0.00E+00	0.00E+00	9.08E+01
NCN332	4.48E-03	5.84E-01	2.08E-02	5.63E-01	0.00E+00	0.00E+00	3.37E+00	6.21E-06	2.56E-03	5.16E-03	0.00E+00	-5.57E-04	6.42E-10	2.84E-08	2.13E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	7.40E-03	4.63E+00	0.00E+00	3.73E-08	1.97E-08	1.45E-03	2.23E-07	4.92E-01	0.00E+00	4.63E+00	7.53E-07	4.63E+00	5.12E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NCN332A	4.48E-03	5.84E-01	2.08E-02	5.63E-01	0.00E+00	0.00E+00	3.37E+00	6.21E-06	2.56E-03	5.16E-03	0.00E+00	-5.57E-04	6.42E-10	2.84E-08	2.13E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	7.40E-03	4.63E+00	0.00E+00	3.73E-08	1.97E-08	1.45E-03	2.23E-07	4.92E-01	0.00E+00	4.63E+00	7.53E-07	4.63E+00	5.12E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NCN340A	5.48E-03	5.98E-01	2.26E-02	5.76E-01	0.00E+00	0.00E+00	3.55E+00	6.48E-06	3.31E-03	5.34E-03	0.00E+00	-5.70E-04	6.88E-10	3.61E-08	2.19E-02	1.19E+00	0.00E+00	0.00E+00	3.03E+00	7.58E-03	4.83E+00	0.00E+00	3.89E-08	2.13E-08	1.55E-03	2.28E-07	5.35E-01	0.00E+00	4.83E+00	7.14E-07	4.83E+00	5.36E+00	5.35E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
NCN340N	4.78E-03	6.10E-01	2.10E-02	5.89E-01	0.00E+00	0.00E+00	3.30E+00	5.92E-06	2.79E-03	5.39E-03	0.00E+00	-5.77E-04	5.68E-10	3.07E-08	2.10E-02	1.08E+00	0.00E+00	0.00E+00	2.69E+00	7.67E-03	4.60E+00	0.00E+00	3.77E-08	2.00E-08	1.51E-03	2.30E-07	4.85E-01	0.00E+00	4.60E+00	6.68E-07	4.60E+00	5.08E+00	4.85E-01	0.00E+00	0.00E+00	0.00E+00	9.72E+01
NCN350A	5.66E-03	6.02E-01	2.29E-02	5.79E-01	0.00E+00	0.00E+00	3.60E+00	6.57E-06	3.44E-03	5.39E-03	0.00E+00	-5.70E-04	6.92E-10	3.75E-08	2.22E-02	1.22E+00	0.00E+00	0.00E+00	3.08E+00	7.58E-03	4.89E+00	0.00E+00	3.94E-08	2.16E-08	1.57E-03	2.28E-07	5.44E-01	0.00E+00	4.89E+00	7.08E-07	4.89E+00	5.43E+00	5.44E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
NCN350N	5.11E-03	6.22E-01	2.22E-02	5.99E-01	0.00E+00	0.00E+00	3.53E+00	6.39E-06	3.02E-03	5.51E-03	0.00E+00	-5.97E-04	6.05E-10	3.30E-08	2.20E-02	1.15E+00	0.00E+00	0.00E+00	2.88E+00	7.94E-03	4.81E+00	0.00E+00	3.90E-08	2.09E-08	1.56E-03	2.38E-07	5.17E-01	0.00E+00	4.81E+00	6.98E-07	4.81E+00	5.33E+00	5.17E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NCN363	5.71E-03	6.08E-01	2.32E-02	5.84E-01	0.00E+00	0.00E+00	3.66E+00	6.73E-06	3.46E-03	5.44E-03	0.00E+00	-5.70E-04	7.34E-10	3.78E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	7.58E-03	4.96E+00	0.00E+00	3.98E-08	2.20E-08	1.58E-03	2.29E-07	5.57E-01	0.00E+00	4.96E+00	7.46E-07	4.96E+00	5.51E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NCN363A	4.49E-03	5.60E-01	2.03E-02	5.47E-01	0.00E+00	0.00E+00	3.28E+00	6.03E-06	2.57E-03	5.12E-03	0.00E+00	-6.01E-04	6.12E-10	2.85E-08	2.07E-02	1.10E+00	0.00E+00	0.00E+00	2.71E+00	7.91E-03	4.27E+00	0.00E+00	3.56E-08	1.92E-08	1.38E-03	1.98E-07	4.82E-01	0.00E+00	4.27E+00	6.97E-07	4.27E+00	4.78E+00	4.82E-01	0.00E+00	0.00E+00	0.00E+00	9.85E+01
NCN363N	5.10E-03	6.20E-01	2.27E-02	5.97E-01	0.00E+00	0.00E+00	3.50E+00	6.32E-06	3.02E-03	5.49E-03	0.00E+00	-6.66E-04	5.99E-10	3.30E-08	2.18E-02	1.14E+00	0.00E+00	0.00E+00	2.85E+00	8.85E-03	4.77E+00	0.00E+00	3.88E-08	2.07E-08	1.55E-03	2.60E-07	5.12E-01	0.00E+00	4.77E+00	6.81E-07	4.77E+00	5.29E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+02
NCN402A	4.35E-03	7.91E-01	2.36E-02	7.88E-01	0.00E+00	0.00E+00	4.59E+00	8.25E-06	1.93E-03	7.15E-03	0.00E+00	-6.06E-04	8.66E-10	2.36E-08	2.70E-02	1.38E+00	0.00E+00	0.00E+00	4.12E+00	7.90E-03	6.27E+00	0.00E+00	5.02E-08	2.73E-08	2.01E-03	2.33E-07	7.26E-01	0.00E+00	6.27E+00	8.05E-07	6.27E+00	6.84E+00	7.26E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
NCN402N	3.13E-03	5.95E-01	1.84E-02	5.79E-01	0.00E+00	0.00E+00	3.34E+00	6.13E-06	1.14E-03	5.18E-03	0.00E+00	-4.67E-04	5.60E-10	1.46E-08	2.13E-02	8.70E-01	0.00E+00	0.00E+00	2.55E+00	5.92E-03	4.55E+00	0.00E+00	3.66E-08	1.87E-08	1.43E-03	1.77E-07	4.49E-01	0.00E+00	4.55E+00	2.69E-07	4.55E+00	5.08E+00	4.49E-01	0.00E+00	0.00E+00	0.00E+00	9.08E+01
NCN404A	4.61E-03	6.16E-01	2.40E-02	5.97E-01	0.00E+00	0.00E+00	4.53E+00	8.20E-06	2.12E-03	5.17E-03	0.00E+00	-6.34E-04	8.59E-10	2.55E-08	2.71E-02	1.41E+00	0.00E+00	0.00E+00	4.01E+00	8.61E-03	6.16E+00	0.00E+00	4.90E-08	2.66E-08	1.81E-03	2.37E-07	7.05E-01	0.00E+00	6.16E+00	8.02E-07	6.16E+00	6.71E+00	7.05E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NCN404N	3.20E-03	5.95E-01	1.85E-02	5.79E-01	0.00E+00	0.00E+00	3.34E+00	6.14E-06	1.47E-03	5.17E-03	0.00E+00	-4.77E-04	5.60E-10	1.70E-08	2.13E-02	8.72E-01	0.00E+00	0.00E+00	2.56E+00	6.01E-03	4.55E+00	0.00E+00	3.67E-08	1.87E-08	1.44E-03	1.77E-07	4.51E-01	0.00E+00	4.55E+00	2.69E-07	4.55E+00	5.08E+00	4.51E-01	0.00E+00	0.00E+00	0.00E+00	9.12E+01
NCN406A	3.00E-03	6.29E-01	2.15E-02	6.12E-01	0.00E+00	0.00E+00	3.50E+00	6.80E-06	1.19E-03	5.48E-03	0.00E+00	-6.16E-04	6.67E-10	1.48E-08	2.37E-02	9.08E-01	0.00E+00	0.00E+00	2.62E+00	8.26E-03	4.84E+00	0.00E+00	3.81E-08	1.93E-08	1.48E-03	2.69E-07	4.68E-01	0.00E+00	4.84E+00	9.61E-07	4.84E+00	5.22E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	9.39E+01
NCN410A	3.19E-03	6.50E-01	2.21E-02	6.28E-01	0.00E+00	0.00E+00	3.75E+00	7.11E-06	1.43E-03	5.66E-03	0.00E+00	-7.42E-04	6.93E-10	1.77E-08	2.47E-02	9.96E-01	0.00E+00	0.00E+00	2.89E+00	9.86E-03	5.19E+00	0.00E+00	4.15E-08	2.04E-08	1.49E-03	2.90E-07	5.09E-01	0.00E+00	5.19E+00	1.01E-06	5.19E+00	5.70E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NCN416	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.33E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NCN416A	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.33E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NCN420	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN420A	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN425	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN425A	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN432A	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.96E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NCN440A	7.30E-03	7.97E-01	3.01E-02	7.67E-01	0.00E+00	0.00E+00	4.72E+00	8.64E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.17E-10	4.82E-08	2.91E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.42E+00	0.00E+00	5.18E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.42E+00	9.46E-07	6.42E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NCN450	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.38E-07	6.50E+00	7.23E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NCN450A	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.38E-07	6.50E+00	7.23E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NCN463	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NCN463A	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NCN463N	6.19E-03	6.44E-01	2.60E-02	6.44E-01	0.00E+00	0.00E+00	4.72E+00	8.39E-06	3.16E-03	6.06E-03	0.00E+00	-6.55E-04	9.20E-10	3.77E-08	2.80E-02	1.63E+00	0.00E+00	0.00E+00	4.43E+00	9.39E-03	6.40E+00	0.00E+00	5.13E-08	2.83E-08	1.92E-03	2.35E-07	7.65E-01	0.00E+00	6.40E+00	2.94E-07	6.40E+00	7.09E+00	7.65E-01	0.00E+00	0.00E+00	0.00E+00	1.66E+02
NCN506A	1.28E-03	3.09E-01	1.14E-02	2.99E-01	0.00E+00	0.00E+00	1.84E+00	3.44E-06	4.66E-04	2.78E-03	0.00E+00	-3.18E-04	3.54E-10	6.10E-09	1.16E-02	5.16E-01	0.00E+00	0.00E+00	1.41E+00	4.13E-03	2.60E+00	0.00E+00	2.04E-08	9.84E-09	7.64E-04	1.41E-07	2.51E-01	0.00E+00	2.60E+00	5.97E-07	2.60E+00	2.85E+00	2.51E-01	0.00E+00	0.00E+00	0.00E+00	5.13E+01
NCN520	1.96E-03	3.05E-01	1.12E-02	2.91E-01	0.00E+00	0.00E+00	2.06E+00	3.97E-06	8.96E-04	2.77E-03	0.00E+00	-3.19E-04	3.58E-10	1.06E-08	1.43E-02	5.53E-01	0.00E+00	0.00E+00	1.64E+00	4.18E-03	3.08E+00	0.00E+00	2.56E-08	1.23E-08	7.94E-04	1.36E-07	2.93E-01	0.00E+00	3.08E+00	6.12E-07	3.08E+00	3.49E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.78E+01
NCN520A	1.89E-03	3.03E-01	1.12E-02	2.91E-01	0.00E+00	0.00E+00	2.06E+00	3.96E-06	8.92E-04	2.77E-03	0.00E+00	-3.06E-04	3.58E-10	1.06E-08	1.43E-02	5.53E-01	0.00E+00	0.00E+00	1.64E+00	3.99E-03	3.07E+00	0.00E+00	2.55E-08	1.23E-08	7.93E-04	1.34E-07	2.93E-01	0.00E+00	3.07E+00	6.03E-07	3.07E+00	3.49E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.77E+01
NCN532	2.47E-03	3.50E-01	1.22E-02	3.36E-01	0.00E+00	0.00E+00	2.09E+00	3.99E-06	1.12E-03	3.14E-03	0.00E+00	-3.45E-04	3.64E-10	1.34E-08	1.44E-02	6.54E-01	0.00E+00	0.00E+00	1.69E+00	4.48E-03	3.09E+00	0.00E+00	2.58E-08	1.27E-08	9.30E-04	1.37E-07	3.04E-01	0.00E+00	3.09E+00	6.12E-07	3.09E+00	3.51E+00	3.04E-01	0.00E+00	0.00E+00	0.00E+00	6.10E+01
NCN613	3.53E-03	6.60E-01	2.29E-02	6.37E-01	0.00E+00	0.00E+00	3.89E+00	7.38E-06	1.67E-03	5.77E-03	0.00E+00	-7.42E-04	7.30E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.04E+00	9.86E-03	5.35E+00	0.00E+00	4.27E-08	2.12E-08	1.54E-03	2.91E-07	5.33E-01	0.00E+00	5.35E+00	1.02E-06	5.35E+00	5.88E+00	5.33E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
NCN620	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN625	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NCN632	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.96E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NCN640	7.30E-03	7.97E-01	3.01E-02	7.67E-01	0.00E+00	0.00E+00	4.72E+00	8.64E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.17E-10	4.82E-08	2.91E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.42E+00	0.00E+00	5.18E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.42E+00	9.46E-07	6.42E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NCN650	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.38E-07	6.50E+00	7.23E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NCN663	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
ND106P	8.30E-04	1.45E-01	4.25E-03	1.42E-01	0.00E+00	0.00E+00	8.93E-01	1.65E-06	3.65E-04	1.37E-03	0.00E+00	-1.25E-04	1.63E-10	4.44E-09	5.60E-03	2.68E-01	0.00E+00	0.00E+00	7.24E-01	1.68E-03	1.25E+00	0.00E+00	9.96E-09	5.37E-09	3.77E-04	5.24E-08	1.29E-01	0.00E+00	1.25E+00	2.39E-07	1.25E+00	1.36E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.61E+01
ND110P	9.27E-04	1.73E-01	6.30E-03	1.64E-01	0.00E+00	0.00E+00	9.78E-01	1.80E-06	4.04E-04	1.59E-03	0.00E+00	-1.23E-04	1.81E-10	4.99E-09	6.24E-03	2.77E-01	0.00E+00	0.00E+00	8.07E-01	1.64E-03	1.37E+00	0.00E+00	1.13E-08	5.70E-09	4.14E-04	5.29E-08	1.42E-01	0.00E+00	1.37E+00	2.50E-07	1.37E+00	1.53E+00	1.42E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
ND116P	8.36E-04	1.45E-01	4.26E-03	1.42E-01	0.00E+00	0.00E+00	8.96E-01	1.66E-06	3.87E-04	1.37E-03	0.00E+00	-1.21E-04	1.67E-10	4.68E-09	5.63E-03	2.72E-01	0.00E+00	0.00E+00	7.30E-01	1.62E-03	1.26E+00	0.00E+00	9.99E-09	5.40E-09	3.79E-04	4.90E-08	1.30E-01	0.00E+00	1.26E+00	2.40E-07	1.26E+00	1.37E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.65E+01
ND120P	9.48E-04	1.97E-01	6.53E-03	1.87E-01	0.00E+00	0.00E+00	1.03E+00	1.93E-06	4.35E-04	1.67E-03	0.00E+00	-1.39E-04	1.88E-10	5.12E-09	6.89E-03	2.88E-01	0.00E+00	0.00E+00	8.31E-01	1.81E-03	1.50E+00	0.00E+00	1.21E-08	6.06E-09	4.33E-04	6.21E-08	1.46E-01	0.00E+00	1.50E+00	2.53E-07	1.50E+00	1.66E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	2.94E+01
ND125P	1.24E-03	1.98E-01	6.84E-03	1.88E-01	0.00E+00	0.00E+00	1.08E+00	1.99E-06	4.46E-04	1.71E-03	0.00E+00	-1.41E-04	1.94E-10	5.34E-09	6.91E-03	3.44E-01	0.00E+00	0.00E+00	9.03E-01	1.83E-03	1.52E+00	0.00E+00	1.23E-08	6.50E-09	4.51E-04	6.42E-08	1.58E-01	0.00E+00	1.52E+00	2.53E-07	1.52E+00	1.68E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.28E+01
ND132P	1.50E-03	1.99E-01	7.10E-03	1.88E-01	0.00E+00	0.00E+00	1.14E+00	2.08E-06	8.60E-04	1.72E-03	0.00E+00	-1.42E-04	2.20E-10	9.37E-09	7.00E-03	3.83E-01	0.00E+00	0.00E+00	9.63E-01	1.86E-03	1.57E+00	0.00E+00	1.27E-08	6.69E-09	4.97E-04	6.43E-08	1.68E-01	0.00E+00	1.57E+00	2.51E-07	1.57E+00	1.73E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	3.57E+01
ND140P	1.15E-03	1.45E-01	4.33E-03	1.42E-01	0.00E+00	0.00E+00	9.01E-01	1.66E-06	7.79E-04	1.38E-03	0.00E+00	-1.23E-04	1.74E-10	8.04E-09	5.63E-03	2.78E-01	0.00E+00	0.00E+00	7.40E-01	1.61E-03	1.26E+00	0.00E+00	1.00E-08	5.43E-09	3.82E-04	5.12E-08	1.31E-01	0.00E+00	1.26E+00	2.41E-07	1.26E+00	1.37E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
ND150P	1.31E-03	1.45E-01	4.33E-03	1.42E-01	0.00E+00	0.00E+00	9.17E-01	1.67E-06	7.84E-04	1.38E-03	0.00E+00	-1.25E-04	1.76E-10	8.29E-09	5.63E-03	2.86E-01	0.00E+00	0.00E+00	7.50E-01	1.68E-03	1.26E+00	0.00E+00	1.00E-08	5.48E-09	3.88E-04	5.11E-08	1.34E-01	0.00E+00	1.26E+00	2.42E-07	1.26E+00	1.37E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
ND163P	1.50E-03	1.45E-01	4.33E-03	1.42E-01	0.00E+00	0.00E+00	9.20E-01	1.69E-06	8.97E-04	1.39E-03	0.00E+00	-1.29E-04	1.80E-10	1.04E-08	5.63E-03	2.95E-01	0.00E+00	0.00E+00	7.60E-01	1.74E-03	1.26E+00	0.00E+00	1.00E-08	5.52E-09	3.94E-04	5.18E-08	1.35E-01	0.00E+00	1.26E+00	2.42E-07	1.26E+00	1.37E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00	2.79E+01
ND206P	1.89E-03	2.86E-01	1.13E-02	2.76E-01	0.00E+00	0.00E+00	2.10E+00	4.36E-06	4.66E-04	2.78E-03	0.00E+00	-2.91E-04	3.60E-10	6.87E-09	1.49E-02	5.70E-01	0.00E+00	0.00E+00	1.68E+00	3.91E-03	3.23E+00	0.00E+00	2.63E-08	1.25E-08	8.55E-04	1.39E-07	2.98E-01	0.00E+00	3.23E+00	6.07E-07	3.23E+00	3.62E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	5.91E+01
ND216P	1.92E-03	3.14E-01	1.12E-02	3.00E-01	0.00E+00	0.00E+00	2.11E+00	4.38E-06	8.89E-04	2.99E-03	0.00E+00	-2.97E-04	3.60E-10	1.06E-08	1.50E-02	5.70E-01	0.00E+00	0.00E+00	1.67E+00	3.92E-03	3.23E+00	0.00E+00	2.64E-08	1.25E-08	9.21E-04	1.31E-07	2.99E-01	0.00E+00	3.23E+00	6.10E-07	3.23E+00	3.62E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	5.91E+01
ND220P	1.92E-03	3.17E-01	1.11E-02	3.03E-01	0.00E+00	0.00E+00	2.13E+00	4.38E-06	8.86E-04	3.00E-03	0.00E+00	-2.99E-04	3.60E-10	1.06E-08	1.51E-02	5.70E-01	0.00E+00	0.00E+00	1.68E+00	4.05E-03	3.27E+00	0.00E+00	2.65E-08	1.26E-08	9.21E-04	1.34E-07	2.99E-01	0.00E+00	3.27E+00	6.21E-07	3.27E+00	3.63E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	5.91E+01
ND225P	2.31E-03	3.19E-01	1.15E-02	3.02E-01	0.00E+00	0.00E+00	2.13E+00	4.38E-06	1.03E-03	3.02E-03	0.00E+00	-3.00E-04	3.62E-10	1.17E-08	1.51E-02	6.30E-01	0.00E+00	0.00E+00	1.69E+00	4.03E-03	3.24E+00	0.00E+00	2.65E-08	1.26E-08	9.28E-04	1.33E-07	3.02E-01	0.00E+00	3.24E+00	6.36E-07	3.24E+00	3.62E+00	3.02E-01	0.00E+00	0.00E+00	0.00E+00	6.04E+01
ND232P	2.48E-03	3.30E-01	1.32E-02	3.09E-01	0.00E+00	0.00E+00	2.14E+00	4.39E-06	1.14E-03	3.08E-03	0.00E+00	-3.27E-04	3.66E-10	1.34E-08	1.51E-02	6.71E-01	0.00E+00	0.00E+00	1.73E+00	4.34E-03	3.27E+00	0.00E+00	2.66E-08	1.29E-08	9.36E-04	1.36E-07	3.08E-01	0.00E+00	3.27E+00	6.36E-07	3.27E+00	3.64E+00	3.08E-01	0.00E+00	0.00E+00	0.00E+00	6.26E+01
ND240P	1.93E-03	3.29E-01	1.12E-02	3.09E-01	0.00E+00	0.00E+00	2.14E+00	4.38E-06	9.30E-04	3.08E-03	0.00E+00	-3.00E-04	3.61E-10	1.10E-08	1.51E-02	5.72E-01	0.00E+00	0.00E+00	1.68E+00	4.03E-03	3.27E+00	0.00E+00	2.66E-08	1.26E-08	9.26E-04	1.33E-07	3.00E-01	0.00E+00	3.27E+00	6.36E-07	3.27E+00	3.63E+00	3.00E-01	0.00E+00	0.00E+00	0.00E+00	5.93E+01
ND250P	3.22E-03	3.35E-01	1.37E-02	3.11E-01	0.00E+00	0.00E+00	2.15E+00	4.43E-06	1.63E-03	3.10E-03	0.00E+00	-3.39E-04	3.82E-10	1.94E-08	1.52E-02	7.03E-01	0.00E+00	0.00E+00	1.74E+00	4.61E-03	3.28E+00	0.00E+00	2.69E-08	1.30E-08	9.38E-04	1.38E-07	3.11E-01	0.00E+00	3.28E+00	6.35E-07	3.28E+00	3.66E+00	3.11E-01	0.00E+00	0.00E+00	0.00E+00	6.37E+01
ND263P	4.58E-03	3.38E-01	1.37E-02	3.14E-01	0.00E+00	0.00E+00	2.15E+00	4.43E-06	2.50E-03	3.11E-03	0.00E+00	-3.41E-04	3.83E-10	2.83E-08	1.52E-02	8.13E-01	0.00E+00	0.00E+00	1.74E+00	4.64E-03	3.28E+00	0.00E+00	2.69E-08	1.30E-08	9.38E-04	1.39E-07	3.11E-01	0.00E+00	3.28E+00	6.35E-07	3.28E+00	3.66E+00	3.11E-01	0.00E+00	0.00E+00	0.00E+00	6.40E+01
ND306P	2.56E-03	4.30E-01	1.58E-02	4.02E-01	0.00E+00	0.00E+00	2.78E+00	5.41E-06	1.06E-03	4.19E-03	0.00E+00	-5.07E-04	5.16E-10	1.25E-08	1.90E-02	8.17E-01	0.00E+00	0.00E+00	2.31E+00	6.82E-03	4.24E+00	0.00E+00	3.44E-08	1.74E-08	1.23E-03	1.93E-07	4.08E-01	0.00E+00	4.24E+00	7.40E-07	4.24E+00	4.69E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.24E+01
ND310P	2.56E-03	4.72E-01	1.58E-02	4.47E-01	0.00E+00	0.00E+00	2.78E+00	5.42E-06	1.09E-03	4.34E-03	0.00E+00	-5.06E-04	5.16E-10	1.29E-08	1.90E-02	8.17E-01	0.00E+00	0.00E+00	2.32E+00	6.81E-03	4.24E+00	0.00E+00	3.44E-08	1.74E-08	1.23E-03	1.92E-07	4.08E-01	0.00E+00	4.24E+00	7.40E-07	4.24E+00	4.69E+00	4.08E-01	0.00E+00	0.00E+00	0.00E+00	8.26E+01
ND316P	3.10E-03	4.83E-01	1.64E-02	4.63E-01	0.00E+00	0.00E+00	2.86E+00	5.58E-06	1.35E-03	4.54E-03	0.00E+00	-5.44E-04	5.52E-10	1.60E-08	1.96E-02	8.62E-01	0.00E+00	0.00E+00	2.41E+00	7.23E-03	4.34E+00	0.00E+00	3.54E-08	1.77E-08	1.26E-03	1.94E-07	4.25E-01	0.00E+00	4.34E+00	7.44E-07	4.34E+00	4.81E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.50E+01
ND320P	2.91E-03	4.83E-01	1.60E-02	4.66E-01	0.00E+00	0.00E+00	3.14E+00	6.08E-06	1.32E-03	4.54E-03	0.00E+00	-5.55E-04	5.71E-10	1.53E-08	2.02E-02	8.44E-01	0.00E+00	0.00E+00	2.38E+00	7.24E-03	4.39E+00	0.00E+00	3.60E-08	1.79E-08	1.34E-03	1.94E-07	4.21E-01	0.00E+00	4.39E+00	7.36E-07	4.39E+00	4.88E+00	4.21E-01	0.00E+00	0.00E+00	0.00E+00	8.50E+01
ND325P	3.36E-03	4.90E-01	1.81E-02	4.71E-01	0.00E+00	0.00E+00	3.24E+00	6.19E-06	1.66E-03	4.55E-03	0.00E+00	-5.87E-04	5.88E-10	1.98E-08	2.06E-02	9.70E-01	0.00E+00	0.00E+00	2.67E+00	7.88E-03	4.47E+00	0.00E+00	3.63E-08	1.90E-08	1.36E-03	2.02E-07	4.68E-01	0.00E+00	4.47E+00	7.30E-07	4.47E+00	4.97E+00	4.68E-01	0.00E+00	0.00E+00	0.00E+00	9.71E+01
ND332P	4.48E-03	4.98E-01	1.87E-02	4.73E-01	0.00E+00	0.00E+00	3.28E+00	6.19E-06	2.26E-03	4.56E-03	0.00E+00	-5.91E-04	5.97E-10	2.65E-08	2.07E-02	1.02E+00	0.00E+00	0.00E+00	2.69E+00	7.88E-03	4.48E+00	0.00E+00	3.66E-08	1.92E-08	1.36E-03	2.03E-07	4.72E-01	0.00E+00	4.48E+00	7.31E-07	4.48E+00	5.02E+00	4.72E-01	0.00E+00	0.00E+00	0.00E+00	9.74E+01
ND340P	3.34E-03	4.94E-01	1.80E-02	4.74E-01	0.00E+00	0.00E+00	3.27E+00	6.20E-06	1.65E-03	4.57E-03	0.00E+00	-5.87E-04	5.85E-10	1.95E-08	2.06E-02	9.57E-01	0.00E+00	0.00E+00	2.63E+00	7.73E-03	4.50E+00	0.00E+00	3.66E-08	1.88E-08	1.36E-03	2.01E-07	4.61E-01	0.00E+00	4.50E+00	7.32E-07	4.50E+00	5.00E+00	4.61E-01	0.00E+00	0.00E+00	0.00E+00	9.50E+01
ND350P	4.80E-03	4.99E-01	2.04E-02	4.73E-01	0.00E+00	0.00E+00	3.29E+00	6.21E-06	2.71E-03	4.58E-03	0.00E+00	-5.96E-04	6.00E-10	3.04E-08	2.07E-02	1.08E+00	0.00E+00	0.00E+00	2.70E+00	7.89E-03	4.52E+00	0.00E+00	3.69E-08	1.94E-08	1.36E-03	2.05E-07	4.78E-01	0.00E+00	4.52E+00	7.32E-07	4.52E+00	5.05E+00	4.78E-01	0.00E+00	0.00E+00	0.00E+00	9.81E+01
ND363P	4.81E-03	4.99E-01	2.05E-02	4.71E-01	0.00E+00	0.00E+00	3.29E+00	6.22E-06	2.73E-03	4.59E-03	0.00E+00	-5.98E-04	6.01E-10	3.05E-08	2.08E-02	1.08E+00	0.00E+00	0.00E+00	2.71E+00	7.92E-03	4.52E+00	0.00E+00	3.69E-08	1.95E-08	1.36E-03	2.06E-07	4.78E-01	0.00E+00	4.52E+00	7.37E-07	4.52E+00	5.05E+00	4.78E-01	0.00E+00	0.00E+00	0.00E+00	9.82E+01
ND416P	4.58E-03	7.45E-01	2.39E-02	7.09E-01	0.00E+00	0.00E+00	4.56E+00	8.11E-06	2.15E-03	7.17E-03	0.00E+00	-6.35E-04	8.66E-10	2.56E-08	2.68E-02	1.41E+00	0.00E+00	0.00E+00	4.08E+00	8.47E-03	6.19E+00	0.00E+00	5.02E-08	2.72E-08	2.03E-03	2.40E-07	7.15E-01	0.00E+00	6.19E+00	7.89E-07	6.19E+00	6.85E+00	7.15E-01	0.00E+00	0.00E+00	0.00E+00	1.51E+02
ND425P	5.98E-03	7.57E-01	2.43E-02	7.20E-01	0.00E+00	0.00E+00	4.56E+00	8.13E-06	2.92E-03	7.26E-03	0.00E+00	-6.37E-04	8.73E-10	3.53E-08	2.69E-02	1.52E+00	0.00E+00	0.00E+00	4.11E+00	8.46E-03	6.27E+00	0.00E+00	5.07E-08	2.74E-08	2.05E-03	2.39E-07	7.17E-01	0.00E+00	6.27E+00	7.90E-07	6.27E+00	6.93E+00	7.17E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+02
ND440P	7.64E-03	7.58E-01	2.69E-02	7.21E-01	0.00E+00	0.00E+00	4.68E+00	8.22E-06	4.49E-03	7.26E-03	0.00E+00	-6.37E-04	8.99E-10	5.08E-08	2.70E-02	1.61E+00	0.00E+00	0.00E+00	4.20E+00	8.44E-03	6.33E+00	0.00E+00	5.09E-08	2.78E-08	2.10E-03	2.39E-07	7.30E-01	0.00E+00	6.33E+00	7.90E-07	6.33E+00	7.01E+00	7.30E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02
ND450P	7.64E-03	7.59E-01	2.70E-02	7.22E-01	0.00E+00	0.00E+00	4.68E+00	8.26E-06	4.49E-03	7.28E-03	0.00E+00	-6.41E-04	9.03E-10	5.09E-08	2.70E-02	1.61E+00	0.00E+00	0.00E+00	4.20E+00	8.44E-03	6.33E+00	0.00E+00	5.10E-08	2.78E-08	2.10E-03	2.40E-07	7.30E-01	0.00E+00	6.33E+00	7.96E-07	6.33E+00	7.03E+00	7.30E-01	0.00E+00	0.00E+00	0.00E+00	1.55E+02

NDN016	8.84E-04	1.66E-01	5.75E-03	1.60E-01	0.00E+00	0.00E+00	9.82E-01	1.87E-06	4.18E-04	1.45E-03	0.00E+00	-1.86E-04	1.81E-10	5.08E-09	6.24E-03	2.62E-01	0.00E+00	0.00E+00	7.63E-01	2.47E-03	1.34E+00	0.00E+00	1.07E-08	5.32E-09	3.87E-04	7.28E-08	1.34E-01	0.00E+00	1.34E+00	2.57E-07	1.34E+00	1.48E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.74E+01
NDN020	1.22E-03	1.73E-01	6.42E-03	1.67E-01	0.00E+00	0.00E+00	1.08E+00	2.03E-06	6.59E-04	1.53E-03	0.00E+00	-1.86E-04	2.02E-10	7.61E-09	6.64E-03	3.11E-01	0.00E+00	0.00E+00	8.68E-01	2.47E-03	1.45E+00	0.00E+00	1.16E-08	5.95E-09	4.25E-04	7.34E-08	1.52E-01	0.00E+00	1.45E+00	2.55E-07	1.45E+00	1.60E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	3.15E+01
NDN032	1.49E-03	1.91E-01	6.93E-03	1.84E-01	0.00E+00	0.00E+00	1.13E+00	2.10E-06	8.51E-04	1.69E-03	0.00E+00	-1.86E-04	2.15E-10	9.50E-09	6.96E-03	3.50E-01	0.00E+00	0.00E+00	9.35E-01	2.47E-03	1.54E+00	0.00E+00	1.24E-08	6.54E-09	4.75E-04	7.42E-08	1.65E-01	0.00E+00	1.54E+00	2.52E-07	1.54E+00	1.70E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.40E+01
NDN101A	9.18E-04	1.76E-01	6.20E-03	1.69E-01	0.00E+00	0.00E+00	9.87E-01	1.78E-06	4.03E-04	1.63E-03	0.00E+00	-1.67E-04	1.78E-10	4.97E-09	6.41E-03	2.57E-01	0.00E+00	0.00E+00	7.69E-01	2.15E-03	1.36E+00	0.00E+00	1.12E-08	5.65E-09	4.19E-04	6.22E-08	1.38E-01	0.00E+00	1.36E+00	2.42E-07	1.36E+00	1.49E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
NDN120A	1.21E-03	1.73E-01	6.37E-03	1.66E-01	0.00E+00	0.00E+00	1.06E+00	2.00E-06	6.59E-04	1.53E-03	0.00E+00	-1.86E-04	2.01E-10	7.58E-09	6.57E-03	3.09E-01	0.00E+00	0.00E+00	8.58E-01	2.47E-03	1.43E+00	0.00E+00	1.15E-08	5.91E-09	4.24E-04	7.33E-08	1.50E-01	0.00E+00	1.43E+00	2.52E-07	1.43E+00	1.58E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.11E+01
NDN140A	1.83E-03	2.00E-01	7.51E-03	1.92E-01	0.00E+00	0.00E+00	1.18E+00	2.16E-06	1.10E-03	1.78E-03	0.00E+00	-1.90E-04	2.29E-10	1.20E-08	7.14E-03	3.95E-01	0.00E+00	0.00E+00	1.01E+00	2.53E-03	1.60E+00	0.00E+00	1.29E-08	7.08E-09	5.16E-04	7.59E-08	1.78E-01	0.00E+00	1.60E+00	2.37E-07	1.60E+00	1.78E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	3.70E+01
NDN150	1.58E-03	2.06E-01	6.27E-03	1.98E-01	0.00E+00	0.00E+00	1.11E+00	2.08E-06	9.25E-04	1.80E-03	0.00E+00	-2.08E-04	2.04E-10	1.03E-08	7.07E-03	3.67E-01	0.00E+00	0.00E+00	9.15E-01	2.94E-03	1.59E+00	0.00E+00	1.31E-08	6.82E-09	4.82E-04	7.62E-08	1.64E-01	0.00E+00	1.59E+00	2.59E-07	1.59E+00	1.80E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
NDN163	1.73E-03	2.08E-01	6.73E-03	2.00E-01	0.00E+00	0.00E+00	1.16E+00	2.19E-06	1.07E-03	1.82E-03	0.00E+00	-2.11E-04	2.28E-10	1.11E-08	7.28E-03	3.86E-01	0.00E+00	0.00E+00	9.57E-01	2.90E-03	1.63E+00	0.00E+00	1.35E-08	7.02E-09	5.11E-04	7.66E-08	1.73E-01	0.00E+00	1.63E+00	6.86E-07	1.63E+00	1.84E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	3.66E+01
NDN163A	1.90E-03	2.03E-01	7.73E-03	1.95E-01	0.00E+00	0.00E+00	1.22E+00	2.24E-06	1.16E-03	1.82E-03	0.00E+00	-1.90E-04	2.45E-10	1.26E-08	7.31E-03	4.09E-01	0.00E+00	0.00E+00	1.06E+00	2.53E-03	1.64E+00	0.00E+00	1.32E-08	7.31E-09	5.28E-04	7.62E-08	1.85E-01	0.00E+00	1.64E+00	2.48E-07	1.64E+00	1.83E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
NDN201	1.92E-03	3.16E-01	1.14E-02	3.07E-01	0.00E+00	0.00E+00	2.07E+00	3.96E-06	4.64E-04	2.88E-03	0.00E+00	-3.22E-04	3.59E-10	6.71E-09	1.43E-02	5.53E-01	0.00E+00	0.00E+00	1.65E+00	4.13E-03	3.08E+00	0.00E+00	2.56E-08	1.24E-08	8.35E-04	1.44E-07	2.94E-01	0.00E+00	3.08E+00	5.96E-07	3.08E+00	3.49E+00	2.94E-01	0.00E+00	0.00E+00	0.00E+00	5.78E+01
NDN210	1.57E-03	3.09E-01	1.14E-02	2.99E-01	0.00E+00	0.00E+00	1.85E+00	3.45E-06	8.57E-04	2.78E-03	0.00E+00	-3.17E-04	3.54E-10	9.82E-09	1.17E-02	5.17E-01	0.00E+00	0.00E+00	1.44E+00	4.15E-03	2.61E+00	0.00E+00	2.05E-08	1.03E-08	7.64E-04	1.41E-07	2.54E-01	0.00E+00	2.61E+00	6.18E-07	2.61E+00	2.86E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.27E+01
NDN250	3.20E-03	3.67E-01	1.35E-02	3.47E-01	0.00E+00	0.00E+00	2.10E+00	4.03E-06	1.59E-03	3.23E-03	0.00E+00	-3.57E-04	3.81E-10	1.91E-08	1.46E-02	6.96E-01	0.00E+00	0.00E+00	1.71E+00	4.68E-03	3.13E+00	0.00E+00	2.61E-08	1.28E-08	9.33E-04	1.41E-07	3.07E-01	0.00E+00	3.13E+00	6.08E-07	3.13E+00	3.54E+00	3.07E-01	0.00E+00	0.00E+00	0.00E+00	6.24E+01
NDN301A	2.52E-03	5.25E-01	1.58E-02	5.10E-01	0.00E+00	0.00E+00	2.69E+00	5.24E-06	4.94E-04	4.69E-03	0.00E+00	-5.19E-04	5.33E-10	7.58E-09	1.87E-02	8.16E-01	0.00E+00	0.00E+00	2.25E+00	6.97E-03	4.00E+00	0.00E+00	3.37E-08	1.69E-08	1.24E-03	1.90E-07	4.02E-01	0.00E+00	4.00E+00	7.00E-07	4.00E+00	4.46E+00	4.02E-01	0.00E+00	0.00E+00	0.00E+00	8.13E+01
NDN320A	3.64E-03	5.16E-01	1.92E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.58E-03	0.00E+00	-5.57E-04	6.03E-10	2.27E-08	2.02E-02	9.37E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.58E-07	4.32E+00	4.77E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.35E+01
NDN325	3.64E-03	5.16E-01	1.92E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.58E-03	0.00E+00	-5.57E-04	6.03E-10	2.27E-08	2.02E-02	9.38E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.58E-07	4.32E+00	4.78E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.35E+01
NDN325A	3.64E-03	5.16E-01	1.92E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.58E-03	0.00E+00	-5.57E-04	6.03E-10	2.27E-08	2.02E-02	9.38E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.58E-07	4.32E+00	4.78E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.35E+01
NDN332A	4.48E-03	5.84E-01	2.08E-02	5.63E-01	0.00E+00	0.00E+00	3.37E+00	6.22E-06	2.56E-03	5.17E-03	0.00E+00	-5.57E-04	6.42E-10	2.84E-08	2.13E-02	1.06E+00	0.00E+00	0.00E+00	2.79E+00	7.40E-03	4.63E+00	0.00E+00	3.73E-08	1.97E-08	1.45E-03	2.23E-07	4.93E-01	0.00E+00	4.63E+00	7.53E-07	4.63E+00	5.12E+00	4.93E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NDN340A	5.48E-03	5.99E-01	2.26E-02	5.76E-01	0.00E+00	0.00E+00	3.55E+00	6.49E-06	3.31E-03	5.34E-03	0.00E+00	-5.70E-04	6.88E-10	3.61E-08	2.19E-02	1.20E+00	0.00E+00	0.00E+00	3.03E+00	7.58E-03	4.83E+00	0.00E+00	3.89E-08	2.13E-08	1.55E-03	2.28E-07	5.35E-01	0.00E+00	4.83E+00	7.15E-07	4.83E+00	5.36E+00	5.35E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+02
NDN350A	5.66E-03	6.03E-01	2.29E-02	5.80E-01	0.00E+00	0.00E+00	3.61E+00	6.58E-06	3.44E-03	5.39E-03	0.00E+00	-5.70E-04	6.93E-10	3.75E-08	2.22E-02	1.22E+00	0.00E+00	0.00E+00	3.08E+00	7.58E-03	4.89E+00	0.00E+00	3.94E-08	2.16E-08	1.57E-03	2.28E-07	5.45E-01	0.00E+00	4.89E+00	7.09E-07	4.89E+00	5.43E+00	5.45E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
NDN363A	5.71E-03	6.08E-01	2.32E-02	5.85E-01	0.00E+00	0.00E+00	3.66E+00	6.73E-06	3.46E-03	5.44E-03	0.00E+00	-5.70E-04	7.34E-10	3.78E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	7.58E-03	4.96E+00	0.00E+00	3.98E-08	2.20E-08	1.58E-03	2.29E-07	5.57E-01	0.00E+00	4.96E+00	7.46E-07	4.96E+00	5.52E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NDN410	3.19E-03	6.15E-01	2.07E-02	5.98E-01	0.00E+00	0.00E+00	3.59E+00	6.69E-06	1.42E-03	5.48E-03	0.00E+00	-6.52E-04	6.47E-10	1.75E-08	2.24E-02	9.29E-01	0.00E+00	0.00E+00	2.65E+00	8.47E-03	4.94E+00	0.00E+00	3.98E-08	1.92E-08	1.49E-03	2.70E-07	4.71E-01	0.00E+00	4.94E+00	9.43E-07	4.94E+00	5.46E+00	4.71E-01	0.00E+00	0.00E+00	0.00E+00	9.53E+01
NDN416	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.34E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NDN416A	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.34E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NDN432A	5.96E-03	7.78E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.88E-03	0.00E+00	-7.42E-04	8.56E-10	3.79E-08	2.84E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.97E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.82E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NDN440A	7.30E-03	7.97E-01	3.01E-02	7.67E-01	0.00E+00	0.00E+00	4.73E+00	8.64E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.17E-10	4.82E-08	2.92E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.42E+00	0.00E+00	5.18E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.42E+00	9.47E-07	6.42E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
NDN450A	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.81E+00	8.76E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.26E-01	0.00E+00	6.50E+00	9.39E-07	6.50E+00	7.23E+00	7.26E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NDN463A	7.61E-03	8.11E-01	3.19E-02	7.79E-01	0.00E+00	0.00E+00	4.88E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-8.75E-04	9.78E-10	5.04E-08	2.99E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.16E-02	6.60E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.42E-07	7.42E-01	0.00E+00	6.60E+00	9.75E-07	6.60E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NEN116	9.22E-04	1.93E-01	6.14E-03	1.96E-01	0.00E+00	0.00E+00	9.78E-01	1.79E-06	4.14E-04	1.55E-03	0.00E+00	-1.60E-04	1.80E-10	5.06E-09	6.16E-03	2.61E-01	0.00E+00	0.00E+00	7.79E-01	2.11E-03	1.36E+00	0.00E+00	1.11E-08	5.94E-09	4.20E-04	5.74E-08	1.39E-01	0.00E+00	1.36E+00	2.41E-07	1.36E+00	1.50E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.76E+01
NEN220	2.03E-03	3.64E-01	1.15E-02	3.57E-01	0.00E+00	0.00E+00	2.21E+00	4.11E-06	9.70E-04	3.17E-03	0.00E+00	-3.13E-04	3.76E-10	1.20E-08	1.45E-02	5.98E-01	0.00E+00	0.00E+00	1.68E+00	4.04E-03	3.12E+00	0.00E+00	2.58E-08	1.23E-08	9.23E-04	1.34E-07	2.99E-01	0.00E+00	3.12E+00	4.38E-07	3.12E+00	3.51E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00	6.06E+01
NEN450	6.03E-03	8.43E-01	2.48E-02	8.52E-01	0.00E+00	0.00E+00	4.57E+00	7.94E-06	2.96E-03	7.58E-03	0.00E+00	-6.50E-04	8.90E-10	3.62E-08	2.67E-02	1.67E+00	0.00E+00	0.00E+00	4.34E+00	8.55E-03	6.22E+00	0.00E+00	5.05E-08	2.72E-08	2.11E-03	2.35E-07	7.26E-01	0.00E+00	6.22E+00	2.53E-07	6.22E+00	6.95E+00	7.26E-01	0.00E+00	0.00E+00	0.00E+00	1.58E+02
NF100A	9.71E-04	2.00E-01	6.06E-03	1.93E-01	0.00E+00	0.00E+00	9.85E-01	1.86E-06	4.53E-04	1.71E-03	0.00E+00	-1.57E-04	1.93E-10	5.27E-09	6.48E-03	2.84E-01	0.00E+00	0.00E+00	7.90E-01	1.94E-03	1.43E+00	0.00E+00	1.16E-08	5.80E-09	4.46E-04	6.02E-08	1.39E-01	0.00E+00	1.43E+00	2.55E-07	1.43E+00	1.56E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
NF101A	9.86E-04	2.00E-01	6.07E-03	1.93E-01	0.00E+00	0.00E+00	9.89E-01	1.87E-06	4.65E-04	1.71E-03	0.00E+00	-1.65E-04	1.93E-10	5.33E-09	6.53E-03	2.84E-01	0.00E+00	0.00E+00	7.93E-01	2.04E-03	1.44E+00	0.00E+00	1.17E-08	5.83E-09	4.47E-04	6.53E-08	1.40E-01	0.00E+00	1.44E+00	2.65E-07	1.44E+00	1.57E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
NF102A	9.83E-04	2.00E-01	6.10E-03	1.92E-01	0.00E+00	0.00E+00	9.89E-01	1.87E-06	4.62E-04	1.70E-03	0.00E+00	-1.63E-04	1.93E-10	5.28E-09	6.56E-03	2.85E-01	0.00E+00	0.00E+00	7.97E-01	2.04E-03	1.43E+00	0.00E+00	1.16E-08	5.81E-09	4.44E-04	6.46E-08	1.41E-01	0.00E+00	1.43E+00	2.57E-07	1.43E+00	1.57E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	2.89E+01
NF103A	9.54E-04	2.00E-01	6.04E-03	1.93E-01	0.00E+00	0.00E+00	9.85E-01	1.87E-06	4.49E-04	1.69E-03	0.00E+00	-1.60E-04	1.92E-10	5.18E-09	6.49E-03	2.83E-01	0.00E+00	0.00E+00	7.92E-01	2.01E-03	1.42E+00	0.00E+00	1.15E-08	5.74E-09	4.42E-04	6.43E-08	1.40E-01	0.00E+00	1.42E+00	2.54E-07	1.42E+00	1.56E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
NF104A	9.58E-04	1.89E-01	6.07E-03	1.83E-01	0.00E+00	0.00E+00	9.81E-01	1.86E-06	4.48E-04	1.64E-03	0.00E+00	-1.51E-04	1.89E-10	5.20E-09	6.46E-03	2.81E-01	0.00E+00	0.00E+00	7.87E-01	1.84E-03	1.42E+00	0.00E+00	1.15E-08	5.75E-09	4.39E-04	5.73E-08	1.39E-01	0.00E+00	1.42E+00	2.56E-07	1.42E+00	1.55E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NF106A	7.21E-04	1.60E-01	4.41E-03	1.55E-01	0.00E+00	0.00E+00	8.88E-01	1.65E-06	3.13E-04	1.39E-03	0.00E+00	-8.72E-05	1.54E-10	3.82E-09	5.69E-03	2.31E-01	0.00E+00	0.00E+00	6.74E-01	1.18E-03	1.22E+00	0.00E+00	9.82E-09	4.81E-09	3.63E-04	4.01E-08	1.20E-01	0.00E+00	1.22E+00	2.39E-07	1.22E+00	1.34E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	2.39E+01
NF110A	8.09E-04	1.61E-01	4.55E-03	1.57E-01	0.00E+00	0.00E+00	9.27E-01	1.76E-06	3.92E-04	1.41E-03	0.00E+00	-7.88E-05	1.67E-10	4.63E-09	5.86E-03	2.45E-01	0.00E+00	0.00E+00	7.21E-01	1.08E-03	1.26E+00	0.00E+00	1.02E-08	5.06E-09	3.73E-04	3.71E-08	1.28E-01	0.00E+00	1.26E+00	2.57E-07	1.26E+00	1.39E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.60E+01
NF116A	8.09E-04	1.61E-01	4.57E-03	1.57E-01	0.00E+00	0.00E+00	9.44E-01	1.78E-06	3.81E-04	1.42E-03	0.00E+00	-7.44E-05	1.70E-10	4.57E-09	5.95E-03	2.46E-01	0.00E+00	0.00E+00	7.29E-01	1.01E-03	1.28E+00	0.00E+00	1.03E-08	5.08E-09	3.74E-04	3.67E-08	1.28E-01	0.00E+00	1.28E+00	2.57E-07	1.28E+00	1.40E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
NF120A	8.45E-04	1.62E-01	4.79E-03	1.58E-01	0.00E+00	0.00E+00	9.61E-01	1.83E-06	4.17E-04	1.43E-03	0.00E+00	-7.50E-05	1.75E-10	5.14E-09	6.05E-03	2.56E-01	0.00E+00	0.00E+00	7.49E-01	1.04E-03	1.30E+00	0.00E+00	1.04E-08	5.21E-09	3.81E-04	3.70E-08	1.31E-01	0.00E+00	1.30E+00	2.62E-07	1.30E+00	1.43E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NF125A	9.95E-04	1.67E-01	5.31E-03	1.61E-01	0.00E+00	0.00E+00	9.93E-01	1.89E-06	4.71E-04	1.48E-03	0.00E+00	-7.48E-05	1.82E-10	5.68E-09	6.16E-03	2.75E-01	0.00E+00	0.00E+00	7.89E-01	1.03E-03	1.34E+00	0.00E+00	1.07E-08	5.44E-09	4.10E-04	3.81E-08	1.39E-01	0.00E+00	1.34E+00	2.57E-07	1.34E+00	1.48E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.85E+01
NF132A	1.63E-03	2.00E-01	6.10E-03	1.93E-01	0.00E+00	0.00E+00	1.10E+00	2.00E-06	9.43E-04	1.77E-03	0.00E+00	-7.93E-05	2.10E-10	1.04E-08	6.77E-03	3.59E-01	0.00E+00	0.00E+00	9.28E-01	1.10E-03	1.52E+00	0.00E+00	1.24E-08	6.68E-09	4.95E-04	4.09E-08	1.65E-01	0.00E+00	1.52E+00	2.49E-07	1.52E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.41E+01
NF140A	1.63E-03	2.01E-01	6.11E-03	1.93E-01	0.00E+00	0.00E+00	1.09E+00	2.00E-06	9.52E-04	1.76E-03	0.00E+00	-7.72E-05	2.10E-10	1.04E-08	6.79E-03	3.61E-01	0.00E+00	0.00E+00	9.30E-01	1.05E-03	1.53E+00	0.00E+00	1.25E-08	6.70E-09	4.98E-04	3.98E-08	1.65E-01	0.00E+00	1.53E+00	2.48E-07	1.53E+00	1.69E+00	1.65E-01	0.00E+00	0.00E+00	0.00E+00	3.43E+01
NF150A	1.78E-03	2.05E-01	6.73E-03	1.98E-01	0.00E+00	0.00E+00	1.14E+00	2.12E-06	1.12E-03	1.79E-03	0.00E+00	-1.04E-04	2.13E-10	1.19E-08	7.28E-03	3.79E-01	0.00E+00	0.00E+00	9.68E-01	1.42E-03	1.58E+00	0.00E+00	1.28E-08	6.85E-09	4.99E-04	4.69E-08	1.72E-01	0.00E+00	1.58E+00	2.49E-07	1.58E+00	1.75E+00	1.72E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
NF163A	1.84E-03	2.07E-01	6.91E-03	1.99E-01	0.00E+00	0.00E+00	1.18E+00	2.20E-06	1.20E-03	1.83E-03	0.00E+00	-1.10E-04	2.34E-10	1.27E-08	7.32E-03	4.02E-01	0.00E+00	0.00E+00	1.04E+00	1.55E-03	1.63E+00	0.00E+00	1.32E-08	7.18E-09	5.34E-04	4.91E-08	1.83E-01	0.00E+00	1.63E+00	2.50E-07	1.63E+00	1.81E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	3.85E+01
NF200A	1.98E-03	3.94E-01	1.18E-02	3.75E-01	0.00E+00	0.00E+00	2.04E+00	3.85E-06	5.00E-04	3.40E-03	0.00E+00	-3.04E-04	3.88E-10	6.90E-09	1.32E-02	5.55E-01	0.00E+00	0.00E+00	1.73E+00	4.09E-03	2.92E+00	0.00E+00	2.38E-08	1.22E-08	9.03E-04	1.34E-07	3.01E-01	0.00E+00	2.92E+00	4.61E-07	2.92E+00	3.27E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.13E+01
NF201A	2.16E-03	3.96E-01	1.18E-02	3.81E-01	0.00E+00	0.00E+00	2.07E+00	3.90E-06	5.04E-04	3.45E-03	0.00E+00	-3.15E-04	3.88E-10	6.95E-09	1.33E-02	5.56E-01	0.00E+00	0.00E+00	1.74E+00	4.35E-03	2.94E+00	0.00E+00	2.39E-08	1.22E-08	9.06E-04	1.36E-07	3.03E-01	0.00E+00	2.94E+00	4.95E-07	2.94E+00	3.28E+00	3.03E-01	0.00E+00	0.00E+00	0.00E+00	6.17E+01
NF202A	2.16E-03	3.94E-01	1.18E-02	3.75E-01	0.00E+00	0.00E+00	2.04E+00	3.86E-06	5.08E-04	3.40E-03	0.00E+00	-3.16E-04	3.88E-10	6.98E-09	1.32E-02	5.54E-01	0.00E+00	0.00E+00	1.73E+00	4.32E-03	2.92E+00	0.00E+00	2.38E-08	1.22E-08	9.03E-04	1.34E-07	3.01E-01	0.00E+00	2.92E+00	4.90E-07	2.92E+00	3.28E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.14E+01
NF203A	2.02E-03	3.94E-01	1.18E-02	3.75E-01	0.00E+00	0.00E+00	2.04E+00	3.85E-06	8.53E-04	3.39E-03	0.00E+00	-3.01E-04	3.88E-10	9.90E-09	1.32E-02	5.54E-01	0.00E+00	0.00E+00	1.73E+00	3.98E-03	2.92E+00	0.00E+00	2.38E-08	1.22E-08	9.03E-04	1.29E-07	3.00E-01	0.00E+00	2.92E+00	4.67E-07	2.92E+00	3.27E+00	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.13E+01
NF204A	2.01E-03	3.95E-01	1.18E-02	3.77E-01	0.00E+00	0.00E+00	2.04E+00	3.86E-06	8.48E-04	3.40E-03	0.00E+00	-3.17E-04	3.88E-10	9.86E-09	1.32E-02	5.56E-01	0.00E+00	0.00E+00	1.73E+00	4.37E-03	2.93E+00	0.00E+00	2.39E-08	1.22E-08	9.05E-04	1.35E-07	3.01E-01	0.00E+00	2.93E+00	4.99E-07	2.93E+00	3.28E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.13E+01
NF206A	1.22E-03	3.21E-01	9.86E-03	3.10E-01	0.00E+00	0.00E+00	1.71E+00	3.27E-06	5.19E-04	2.72E-03	0.00E+00	-1.55E-04	3.30E-10	6.57E-09	1.13E-02	4.90E-01	0.00E+00	0.00E+00	1.35E+00	2.13E-03	2.39E+00	0.00E+00	1.94E-08	9.43E-09	7.45E-04	7.77E-08	2.39E-01	0.00E+00	2.39E+00	4.49E-07	2.39E+00	2.62E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00	4.85E+01
NF210A	1.39E-03	3.23E-01	9.64E-03	3.11E-01	0.00E+00	0.00E+00	1.75E+00	3.37E-06	6.44E-04	2.78E-03	0.00E+00	-1.55E-04	3.28E-10	7.91E-09	1.16E-02	4.94E-01	0.00E+00	0.00E+00	1.38E+00	2.15E-03	2.47E+00	0.00E+00	1.97E-08	9.61E-09	7.43E-04	7.87E-08	2.42E-01	0.00E+00	2.47E+00	4.92E-07	2.47E+00	2.69E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	4.94E+01
NF216A	1.57E-03	3.26E-01	9.20E-03	3.17E-01	0.00E+00	0.00E+00	1.79E+00	3.41E-06	7.23E-04	2.80E-03	0.00E+00	-1.55E-04	3.32E-10	8.80E-09	1.18E-02	4.92E-01	0.00E+00	0.00E+00	1.41E+00	2.09E-03	2.50E+00	0.00E+00	2.00E-08	9.84E-09	7.44E-04	7.69E-08	2.45E-01	0.00E+00	2.50E+00	4.55E-07	2.50E+00	2.73E+00	2.45E-01	0.00E+00	0.00E+00	0.00E+00	5.05E+01
NF220A	1.74E-03	3.25E-01	9.37E-03	3.16E-01	0.00E+00	0.00E+00	1.85E+00	3.46E-06	8.17E-04	2.81E-03	0.00E+00	-1.60E-04	3.46E-10	9.68E-09	1.20E-02	5.07E-01	0.00E+00	0.00E+00	1.47E+00	2.11E-03	2.53E+00	0.00E+00	2.02E-08	1.01E-08	7.47E-04	7.96E-08	2.54E-01	0.00E+00	2.53E+00	4.89E-07	2.53E+00	2.77E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.26E+01
NF225A	1.97E-03	3.28E-01	9.81E-03	3.18E-01	0.00E+00	0.00E+00	1.92E+00	3.63E-06	9.55E-04	2.90E-03	0.00E+00	-1.62E-04	3.53E-10	1.13E-08	1.26E-02	5.46E-01	0.00E+00	0.00E+00	1.57E+00	2.17E-03	2.71E+00	0.00E+00	2.15E-08	1.09E-08	7.55E-04	8.09E-08	2.72E-01	0.00E+00	2.71E+00	4.48E-07	2.71E+00	2.97E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	5.62E+01
NF232A	2.60E-03	3.95E-01	1.16E-02	3.79E-01	0.00E+00	0.00E+00	2.12E+00	3.87E-06	1.33E-03	3.49E-03	0.00E+00	-1.71E-04	4.08E-10	1.40E-08	1.35E-02	6.48E-01	0.00E+00	0.00E+00	1.82E+00	2.36E-03	2.99E+00	0.00E+00	2.44E-08	1.27E-08	9.74E-04	8.29E-08	3.17E-01	0.00E+00	2.99E+00	4.85E-07	2.99E+00	3.32E+00	3.17E-01	0.00E+00	0.00E+00	0.00E+00	6.56E+01
NF240A	3.25E-03	3.98E-01	1.33E-02	3.86E-01	0.00E+00	0.00E+00	2.18E+00	4.01E-06	1.91E-03	3.53E-03	0.00E+00	-2.35E-04	4.21E-10	2.09E-08	1.38E-02	7.33E-01	0.00E+00	0.00E+00	1.91E+00	3.09E-03	3.05E+00	0.00E+00	2.48E-08	1.34E-08	9.90E-04	1.03E-07	3.36E-01	0.00E+00	3.05E+00	7.02E-07	3.05E+00	3.37E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	7.09E+01
NF250A	3.42E-03	4.09E-01	1.39E-02	3.93E-01	0.00E+00	0.00E+00	2.37E+00	4.32E-06	1.71E-03	3.61E-03	0.00E+00	-2.17E-04	4.33E-10	2.01E-08	1.45E-02	7.86E-01	0.00E+00	0.00E+00	2.01E+00	3.01E-03	3.20E+00	0.00E+00	2.58E-08	1.38E-08	1.02E-03	9.86E-08	3.49E-01	0.00E+00	3.20E+00	4.99E-07	3.20E+00	3.52E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	7.30E+01
NF263A	3.85E-03	4.10E-01	1.44E-02	3.94E-01	0.00E+00	0.00E+00	2.37E+00	4.36E-06	2.34E-03	3.61E-03	0.00E+00	-2.49E-04	4.56E-10	2.55E-08	1.46E-02	8.25E-01	0.00E+00	0.00E+00	2.05E+00	3.48E-03	3.22E+00	0.00E+00	2.59E-08	1.39E-08	1.02E-03	1.10E-07	3.55E-01	0.00E+00	3.22E+00	5.02E-07	3.22E+00	3.53E+00	3.55E-01	0.00E+00	0.00E+00	0.00E+00	7.57E+01
NF300A	3.24E-03	5.82E-01	1.72E-02	5.68E-01	0.00E+00	0.00E+00	2.90E+00	5.43E-06	5.23E-04	5.06E-03	0.00E+00	-3.27E-04	5.54E-10	7.83E-09	1.94E-02	8.62E-01	0.00E+00	0.00E+00	2.40E+00	4.06E-03	4.13E+00	0.00E+00	3.42E-08	1.75E-08	1.32E-03	1.40E-07	4.24E-01	0.00E+00	4.13E+00	2.92E-07	4.13E+00	4.57E+00	4.24E-01	0.00E+00	0.00E+00	0.00E+00	8.58E+01
NF301A	3.41E-03	5.82E-01	1.72E-02	5.68E-01	0.00E+00	0.00E+00	2.90E+00	5.43E-06	5.26E-04	5.06E-03	0.00E+00	-3.27E-04	5.54E-10	7.81E-09	1.94E-02	8.62E-01	0.00E+00	0.00E+00	2.40E+00	4.06E-03	4.13E+00	0.00E+00	3.42E-08	1.75E-08	1.32E-03	1.40E-07	4.24E-01	0.00E+00	4.13E+00	2.92E-07	4.13E+00	4.57E+00	4.24E-01	0.00E+00	0.00E+00	0.00E+00	8.58E+01
NF302A	3.49E-03	5.86E-01	1.71E-02	5.71E-01	0.00E+00	0.00E+00	3.00E+00	5.56E-06	1.21E-03	5.07E-03	0.00E+00	-3.21E-04	5.65E-10	1.44E-08	1.98E-02	8.60E-01	0.00E+00	0.00E+00	2.40E+00	3.86E-03	4.22E+00	0.00E+00	3.47E-08	1.76E-08	1.34E-03	1.38E-07	4.25E-01	0.00E+00	4.22E+00	2.96E-07	4.22E+00	4.66E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.61E+01
NF303A	3.32E-03	5.82E-01	1.72E-02	5.67E-01	0.00E+00	0.00E+00	2.90E+00	5.44E-06	1.15E-03	5.06E-03	0.00E+00	-3.11E-04	5.57E-10	1.40E-08	1.94E-02	8.62E-01	0.00E+00	0.00E+00	2.41E+00	3.85E-03	4.14E+00	0.00E+00	3.42E-08	1.75E-08	1.32E-03	1.36E-07	4.25E-01	0.00E+00	4.14E+00	2.92E-07	4.14E+00	4.58E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.63E+01
NF304A	3.33E-03	5.83E-01	1.72E-02	5.68E-01	0.00E+00	0.00E+00	2.89E+00	5.44E-06	1.15E-03	5.06E-03	0.00E+00	-3.14E-04	5.57E-10	1.41E-08	1.94E-02	8.64E-01	0.00E+00	0.00E+00	2.41E+00	3.88E-03	4.14E+00	0.00E+00	3.42E-08	1.76E-08	1.32E-03	1.37E-07	4.25E-01	0.00E+00	4.14E+00	2.92E-07	4.14E+00	4.58E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	8.62E+01
NF306A	2.07E-03	4.68E-01	1.38E-02	4.55E-01	0.00E+00	0.00E+00	2.62E+00	4.78E-06	7.95E-04	4.10E-03	0.00E+00	-2.26E-04	4.64E-10	1.06E-08	1.72E-02	6.65E-01	0.00E+00	0.00E+00	1.97E+00	3.00E-03	3.53E+00	0.00E+00	2.87E-08	1.40E-08	1.08E-03	1.12E-07	3.48E-01	0.00E+00	3.53E+00	2.87E-07	3.53E+00	3.92E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	6.95E+01
NF310A	2.09E-03	4.75E-01	1.37E-02	4.60E-01	0.00E+00	0.00E+00	2.68E+00	4.91E-06	8.59E-04	4.18E-03	0.00E+00	-2.14E-04	4.81E-10	1.10E-08	1.76E-02	6.73E-01	0.00E+00	0.00E+00	2.02E+00	2.85E-03	3.65E+00	0.00E+00	2.94E-08	1.43E-08	1.09E-03	1.08E-07	3.59E-01	0.00E+00	3.65E+00	2.88E-07	3.65E+00	4.03E+00	3.59E-01	0.00E+00	0.00E+00	0.00E+00	7.20E+01
NF316A	2.40E-03	4.74E-01	1.47E-02	4.59E-01	0.00E+00	0.00E+00	2.71E+00	4.96E-06	1.11E-03	4.18E-03	0.00E+00	-2.13E-04	4.90E-10	1.35E-08	1.77E-02	7.53E-01	0.00E+00	0.00E+00	2.06E+00	2.87E-03	3.69E+00	0.00E+00	2.98E-08	1.48E-08	1.13E-03	1.09E-07	3.67E-01	0.00E+00	3.69E+00	2.88E-07	3.69E+00	4.08E+00	3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.42E+01
NF320A	2.57E-03	4.77E-01	1.49E-02	4.61E-01	0.00E+00	0.00E+00	2.80E+00	5.17E-06	1.18E-03	4.22E-03	0.00E+00	-2.14E-04	5.17E-10	1.43E-08	1.80E-02	7.57E-01	0.00E+00	0.00E+00	2.18E+00	2.85E-03	3.73E+00	0.00E+00	3.02E-08	1.53E-08	1.13E-03	1.10E-07	3.85E-01	0.00E+00	3.73E+00	2.65E-07	3.73E+00	4.15E+00	3.85E-01	0.00E+00	0.00E+00	0.00E+00	7.83E+01
NF325A	2.93E-03	5.03E-01	1.67E-02	4.84E-01	0.00E+00	0.00E+00	2.97E+00	5.49E-06	1.48E-03	4.40E-03	0.00E+00	-2.37E-04	5.41E-10	1.74E-08	1.90E-02	8.20E-01	0.00E+00	0.00E+00	2.33E+00	3.14E-03	4.02E+00	0.00E+00	3.25E-08	1.64E-08	1.19E-03	1.18E-07	4.12E-01	0.00E+00	4.02E+00	2.80E-07	4.02E+00	4.46E+00	4.12E-01	0.00E+00	0.00E+00	0.00E+00	8.41E+01
NF332A	4.59E-03	5.87E-01	1.83E-02	5.69E-01	0.00E+00	0.00E+00	3.17E+00	5.76E-06	2.60E-03	5.22E-03	0.00E+00	-2.45E-04	6.16E-10	2.85E-08	2.04E-02	1.05E+00	0.00E+00	0.00E+00	2.73E+00	3.34E-03	4.39E+00	0.00E+00	3.60E-08	1.95E-08	1.46E-03	1.36E-07	4.83E-01	0.00E+00	4.39E+00	7.17E-07	4.39E+00	4.88E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.99E+01
NF340A	4.93E-03	5.93E-01	1.96E-02	5.76E-01	0.00E+00	0.00E+00	3.23E+00	5.82E-06	2.87E-03	5.27E-03	0.00E+00	-3.77E-04	6.40E-10	3.15E-08	2.08E-02	1.08E+00	0.00E+00	0.00E+00	2.75E+00	4.93E-03	4.49E+00	0.00E+00	3.66E-08	2.00E-08	1.49E-03	1.65E-07	4.92E-01	0.00E+00	4.49E+00	7.21E-07	4.49E+00	4.98E+00	4.92E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NF350A	5.72E-03	6.10E-01	2.22E-02	5.90E-01	0.00E+00	0.00E+00	3.62E+00	6.53E-06	3.41E-03	5.51E-03	0.00E+00	-3.63E-04	6.87E-10	3.74E-08	2.21E-02	1.22E+00	0.00E+00	0.00E+00	3.13E+00	4.72E-03	4.90E+00	0.00E+00	3.96E-08	2.18E-08	1.60E-03	1.55E-07	5.51E-01	0.00E+00	4.90E+00	2.93E-07	4.90E+00	5.47E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	1.15E+02
NF363A	5.80E-03	6.05E-01	2.25E-02	5.87E-01	0.00E+00	0.00E+00	3.60E+00	6.38E-06	3.45E-03	5.50E-03	0.00E+00	-3.68E-04	7.09E-10	3.79E-08	2.21E-02	1.24E+00	0.00E+00	0.00E+00	3.22E+00	4.77E-03	4.59E+00	0.00E+00	3.75E-08	2.21E-08	1.61E-03	1.57E-07	5.63E-01	0.00E+00	4.59E+00	2.97E-07	4.59E+00	5.15E+00	5.63E-01	0.00E+00	0.00E+00	0.00E+00	1.18E+02
NF400A	3.99E-03	7.90E-01	2.42E-02	7.65E-01	0.00E+00	0.00E+00	4.37E+00	7.81E-06	1.19E-03	7.03E-03	0.00E+00	-3.47E-04	8.34E-10	1.60E-08	2.71E-02	1.31E+00	0.00E+00	0.00E+00	3.73E+00	4.33E-03	6.04E+00	0.00E+00	4.90E-08	2.63E-08	1.97E-03	1.79E-07	6.65E-01	0.00E+00	6.04E+00	3.04E-07	6.04E+00	6.67E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
NF401A	4.02E-03	8.04E-01	2.35E-02	7.79E-01	0.00E+00	0.00E+00	4.37E+00	7.94E-06	1.21E-03	7.13E-03	0.00E+00	-3.62E-04	8.42E-10	1.61E-08	2.74E-02	1.31E+00	0.00E+00	0.00E+00	3.76E+00	4.59E-03	6.13E+00	0.00E+00	4.95E-08	2.65E-08	1.99E-03	1.92E-07	6.67E-01	0.00E+00	6.13E+00	1.00E-06	6.13E+00	6.77E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	1.39E+02
NF402A	4.02E-03	8.05E-01	2.35E-02	7.79E-01	0.00E+00	0.00E+00	4.38E+00	7.95E-06	1.22E-03	7.13E-03	0.00E+00	-3.53E-04	8.39E-10	1.62E-08	2.74E-02	1.32E+00	0.00E+00	0.00E+00	3.74E+00	4.43E-03	6.13E+00	0.00E+00	4.95E-08	2.65E-08	1.99E-03	1.91E-07	6.67E-01	0.00E+00	6.13E+00	9.98E-07	6.13E+00	6.78E+00	6.67E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
NF403A	4.28E-03	7.90E-01	2.43E-02	7.65E-01	0.00E+00	0.00E+00	4.37E+00	7.82E-06	2.00E-03	7.03E-03	0.00E+00	-3.52E-04	8.34E-10	2.28E-08	2.71E-02	1.31E+00	0.00E+00	0.00E+00	3.73E+00	4.42E-03	6.04E+00	0.00E+00	4.90E-08	2.63E-08	1.97E-03	1.79E-07	6.65E-01	0.00E+00	6.04E+00	3.02E-07	6.04E+00	6.67E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
NF404A	4.24E-03	7.90E-01	2.42E-02	7.65E-01	0.00E+00	0.00E+00	4.37E+00	7.81E-06	1.87E-03	7.03E-03	0.00E+00	-3.52E-04	8.34E-10	2.20E-08	2.71E-02	1.32E+00	0.00E+00	0.00E+00	3.73E+00	4.43E-03	6.04E+00	0.00E+00	4.90E-08	2.63E-08	1.97E-03	1.79E-07	6.65E-01	0.00E+00	6.04E+00	3.02E-07	6.04E+00	6.67E+00	6.65E-01	0.00E+00	0.00E+00	0.00E+00	1.38E+02
NF406A	2.86E-03	6.28E-01	1.84E-02	6.06E-01	0.00E+00	0.00E+00	3.44E+00	6.45E-06	1.06E-03	5.39E-03	0.00E+00	-3.05E-04	6.09E-10	1.35E-08	2.19E-02	8.91E-01	0.00E+00	0.00E+00	2.64E+00	4.13E-03	4.79E+00	0.00E+00	3.82E-08	1.88E-08	1.44E-03	1.64E-07	4.64E-01	0.00E+00	4.79E+00	2.94E-07	4.79E+00	5.23E+00	4.64E-01	0.00E+00	0.00E+00	0.00E+00	9.49E+01
NF410A	2.94E-03	6.27E-01	1.85E-02	6.07E-01	0.00E+00	0.00E+00	3.48E+00	6.57E-06	1.22E-03	5.41E-03	0.00E+00	-3.07E-04	6.24E-10	1.51E-08	2.25E-02	9.04E-01	0.00E+00	0.00E+00	2.66E+00	4.23E-03	4.81E+00	0.00E+00	3.84E-08	1.88E-08	1.44E-03	1.58E-07	4.69E-01	0.00E+00	4.81E+00	3.01E-07	4.81E+00	5.27E+00	4.69E-01	0.00E+00	0.00E+00	0.00E+00	9.54E+01
NF416A	3.19E-03	6.30E-01	1.96E-02	6.08E-01	0.00E+00	0.00E+00	3.64E+00	6.74E-06	1.45E-03	5.48E-03	0.00E+00	-3.09E-04	6.47E-10	1.78E-08	2.28E-02	9.77E-01	0.00E+00	0.00E+00	2.85E+00	4.23E-03	4.95E+00	0.00E+00	3.93E-08	1.98E-08	1.46E-03	1.64E-07	4.99E-01	0.00E+00	4.95E+00	2.99E-07	4.95E+00	5.44E+00	4.99E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NF420A	3.27E-03	6.32E-01	2.08E-02	6.11E-01	0.00E+00	0.00E+00	3.77E+00	6.91E-06	1.54E-03	5.51E-03	0.00E+00	-3.09E-04	6.75E-10	1.85E-08	2.33E-02	1.00E+00	0.00E+00	0.00E+00	2.90E+00	4.27E-03	5.10E+00	0.00E+00	4.08E-08	2.01E-08	1.48E-03	1.73E-07	5.12E-01	0.00E+00	5.10E+00	2.98E-07	5.10E+00	5.63E+00	5.12E-01	0.00E+00	0.00E+00	0.00E+00	1.05E+02

NF425A	4.72E-03	6.47E-01	2.33E-02	6.29E-01	0.00E+00	0.00E+00	3.83E+00	7.09E-06	2.72E-03	5.68E-03	0.00E+00	-3.13E-04	6.95E-10	2.97E-08	2.47E-02	1.12E+00	0.00E+00	0.00E+00	2.94E+00	4.34E-03	5.17E+00	0.00E+00	4.14E-08	2.05E-08	1.54E-03	1.75E-07	5.24E-01	0.00E+00	5.17E+00	2.88E-07	5.17E+00	5.70E+00	5.24E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
NF432A	6.33E-03	7.83E-01	2.45E-02	7.59E-01	0.00E+00	0.00E+00	4.31E+00	7.85E-06	3.72E-03	6.98E-03	0.00E+00	-3.08E-04	8.22E-10	4.09E-08	2.71E-02	1.44E+00	0.00E+00	0.00E+00	3.68E+00	4.32E-03	6.00E+00	0.00E+00	4.90E-08	2.65E-08	1.97E-03	1.77E-07	6.52E-01	0.00E+00	6.00E+00	9.57E-07	6.00E+00	6.64E+00	6.52E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+02
NF440A	6.43E-03	7.97E-01	2.57E-02	7.72E-01	0.00E+00	0.00E+00	4.33E+00	7.92E-06	3.77E-03	7.09E-03	0.00E+00	-4.62E-04	8.42E-10	4.15E-08	2.75E-02	1.44E+00	0.00E+00	0.00E+00	3.69E+00	6.21E-03	6.07E+00	0.00E+00	4.96E-08	2.67E-08	2.00E-03	2.06E-07	6.55E-01	0.00E+00	6.07E+00	9.63E-07	6.07E+00	6.73E+00	6.55E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NF450A	7.67E-03	8.20E-01	2.88E-02	7.97E-01	0.00E+00	0.00E+00	4.90E+00	8.84E-06	4.66E-03	7.36E-03	0.00E+00	-4.40E-04	9.31E-10	5.08E-08	2.97E-02	1.67E+00	0.00E+00	0.00E+00	4.26E+00	5.83E-03	6.59E+00	0.00E+00	5.32E-08	2.94E-08	2.13E-03	2.02E-07	7.54E-01	0.00E+00	6.59E+00	3.03E-07	6.59E+00	7.38E+00	7.54E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NF463A	7.74E-03	8.30E-01	2.89E-02	8.06E-01	0.00E+00	0.00E+00	4.97E+00	9.08E-06	4.72E-03	7.44E-03	0.00E+00	-4.57E-04	9.65E-10	5.13E-08	3.00E-02	1.68E+00	0.00E+00	0.00E+00	4.33E+00	5.98E-03	6.67E+00	0.00E+00	5.38E-08	2.97E-08	2.16E-03	2.09E-07	7.63E-01	0.00E+00	6.67E+00	1.02E-06	6.67E+00	7.46E+00	7.63E-01	0.00E+00	0.00E+00	0.00E+00	1.59E+02
NFN113	1.02E-03	1.66E-01	5.71E-03	1.62E-01	0.00E+00	0.00E+00	9.33E-01	1.71E-06	4.70E-04	1.55E-03	0.00E+00	-1.68E-04	1.77E-10	5.42E-09	5.97E-03	2.64E-01	0.00E+00	0.00E+00	7.51E-01	2.24E-03	1.30E+00	0.00E+00	1.07E-08	5.46E-09	4.12E-04	7.07E-08	1.34E-01	0.00E+00	1.30E+00	2.25E-07	1.30E+00	1.43E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NFN132	1.49E-03	1.95E-01	6.91E-03	1.88E-01	0.00E+00	0.00E+00	1.12E+00	2.07E-06	8.53E-04	1.72E-03	0.00E+00	-1.86E-04	2.14E-10	9.47E-09	6.94E-03	3.50E-01	0.00E+00	0.00E+00	9.28E-01	2.47E-03	1.54E+00	0.00E+00	1.24E-08	6.56E-09	4.83E-04	7.44E-08	1.64E-01	0.00E+00	1.54E+00	2.50E-07	1.54E+00	1.70E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.38E+01
NFN140	1.83E-03	2.00E-01	7.51E-03	1.92E-01	0.00E+00	0.00E+00	1.18E+00	2.16E-06	1.10E-03	1.78E-03	0.00E+00	-1.90E-04	2.29E-10	1.20E-08	7.14E-03	3.95E-01	0.00E+00	0.00E+00	1.01E+00	2.53E-03	1.60E+00	0.00E+00	1.29E-08	7.08E-09	5.15E-04	7.59E-08	1.78E-01	0.00E+00	1.60E+00	2.37E-07	1.60E+00	1.78E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	3.70E+01
NFN150	1.61E-03	2.04E-01	6.30E-03	1.97E-01	0.00E+00	0.00E+00	1.10E+00	2.08E-06	9.41E-04	1.76E-03	0.00E+00	-2.06E-04	2.04E-10	1.05E-08	6.98E-03	3.68E-01	0.00E+00	0.00E+00	9.17E-01	2.83E-03	1.60E+00	0.00E+00	1.32E-08	6.85E-09	4.84E-04	7.63E-08	1.64E-01	0.00E+00	1.60E+00	2.58E-07	1.60E+00	1.80E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
NFN163	1.90E-03	2.03E-01	7.73E-03	1.95E-01	0.00E+00	0.00E+00	1.22E+00	2.24E-06	1.16E-03	1.82E-03	0.00E+00	-1.90E-04	2.44E-10	1.26E-08	7.31E-03	4.09E-01	0.00E+00	0.00E+00	1.06E+00	2.53E-03	1.64E+00	0.00E+00	1.32E-08	7.30E-09	5.28E-04	7.62E-08	1.85E-01	0.00E+00	1.64E+00	2.48E-07	1.64E+00	1.83E+00	1.85E-01	0.00E+00	0.00E+00	0.00E+00	3.90E+01
NFN206	1.53E-03	3.57E-01	1.09E-02	3.46E-01	0.00E+00	0.00E+00	1.83E+00	3.43E-06	6.49E-04	3.08E-03	0.00E+00	-3.71E-04	3.31E-10	7.90E-09	1.25E-02	4.91E-01	0.00E+00	0.00E+00	1.39E+00	4.93E-03	2.63E+00	0.00E+00	2.13E-08	1.04E-08	7.95E-04	1.46E-07	2.49E-01	0.00E+00	2.63E+00	5.05E-07	2.63E+00	2.88E+00	2.49E-01	0.00E+00	0.00E+00	0.00E+00	4.96E+01
NFN210	1.59E-03	3.24E-01	1.10E-02	3.13E-01	0.00E+00	0.00E+00	1.87E+00	3.56E-06	7.16E-04	2.83E-03	0.00E+00	-3.71E-04	3.46E-10	8.84E-09	1.24E-02	4.98E-01	0.00E+00	0.00E+00	1.45E+00	4.93E-03	2.59E+00	0.00E+00	2.07E-08	1.02E-08	7.46E-04	1.45E-07	2.54E-01	0.00E+00	2.59E+00	5.02E-07	2.59E+00	2.85E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
NFN220	2.42E-03	3.43E-01	1.27E-02	3.30E-01	0.00E+00	0.00E+00	2.13E+00	3.99E-06	1.32E-03	3.04E-03	0.00E+00	-3.71E-04	4.01E-10	1.52E-08	1.34E-02	6.23E-01	0.00E+00	0.00E+00	1.71E+00	4.93E-03	2.87E+00	0.00E+00	2.29E-08	1.18E-08	8.44E-04	1.47E-07	3.01E-01	0.00E+00	2.87E+00	5.01E-07	2.87E+00	3.17E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
NFN225	2.42E-03	3.43E-01	1.27E-02	3.30E-01	0.00E+00	0.00E+00	2.13E+00	3.99E-06	1.32E-03	3.04E-03	0.00E+00	-3.71E-04	4.01E-10	1.52E-08	1.34E-02	6.23E-01	0.00E+00	0.00E+00	1.72E+00	4.93E-03	2.87E+00	0.00E+00	2.29E-08	1.18E-08	8.44E-04	1.47E-07	3.01E-01	0.00E+00	2.87E+00	5.01E-07	2.87E+00	3.17E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.22E+01
NFN232	2.98E-03	3.88E-01	1.38E-02	3.74E-01	0.00E+00	0.00E+00	2.24E+00	4.14E-06	1.71E-03	3.43E-03	0.00E+00	-3.71E-04	4.28E-10	1.89E-08	1.42E-02	7.06E-01	0.00E+00	0.00E+00	1.86E+00	4.94E-03	3.08E+00	0.00E+00	2.48E-08	1.31E-08	9.62E-04	1.49E-07	3.28E-01	0.00E+00	3.08E+00	4.98E-07	3.08E+00	3.40E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	6.75E+01
NFN240	3.65E-03	3.98E-01	1.50E-02	3.83E-01	0.00E+00	0.00E+00	2.36E+00	4.32E-06	2.21E-03	3.55E-03	0.00E+00	-3.80E-04	4.58E-10	2.41E-08	1.46E-02	7.95E-01	0.00E+00	0.00E+00	2.02E+00	5.05E-03	3.21E+00	0.00E+00	2.59E-08	1.41E-08	1.03E-03	1.52E-07	3.56E-01	0.00E+00	3.21E+00	4.72E-07	3.21E+00	3.56E+00	3.56E-01	0.00E+00	0.00E+00	0.00E+00	7.40E+01
NFN250	3.77E-03	4.01E-01	1.53E-02	3.85E-01	0.00E+00	0.00E+00	2.40E+00	4.38E-06	2.30E-03	3.58E-03	0.00E+00	-3.80E-04	4.61E-10	2.50E-08	1.47E-02	8.13E-01	0.00E+00	0.00E+00	2.05E+00	5.05E-03	3.25E+00	0.00E+00	2.62E-08	1.44E-08	1.04E-03	1.52E-07	3.62E-01	0.00E+00	3.25E+00	4.68E-07	3.25E+00	3.61E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	7.52E+01
NFN263	3.80E-03	4.04E-01	1.55E-02	3.89E-01	0.00E+00	0.00E+00	2.44E+00	4.48E-06	2.31E-03	3.62E-03	0.00E+00	-3.80E-04	4.89E-10	2.52E-08	1.49E-02	8.24E-01	0.00E+00	0.00E+00	2.12E+00	5.05E-03	3.29E+00	0.00E+00	2.65E-08	1.46E-08	1.05E-03	1.52E-07	3.71E-01	0.00E+00	3.29E+00	4.93E-07	3.29E+00	3.66E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
NFN302	2.68E-03	5.27E-01	1.66E-02	5.12E-01	0.00E+00	0.00E+00	2.69E+00	5.27E-06	1.15E-03	4.70E-03	0.00E+00	-4.95E-04	5.35E-10	1.42E-08	1.86E-02	8.19E-01	0.00E+00	0.00E+00	2.28E+00	6.71E-03	4.05E+00	0.00E+00	3.39E-08	1.69E-08	1.24E-03	1.66E-07	4.07E-01	0.00E+00	4.05E+00	2.41E-07	4.05E+00	4.55E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	8.19E+01
NFN310	2.40E-03	4.88E-01	1.66E-02	4.71E-01	0.00E+00	0.00E+00	2.81E+00	5.34E-06	1.08E-03	4.25E-03	0.00E+00	-5.57E-04	5.20E-10	1.33E-08	1.86E-02	7.49E-01	0.00E+00	0.00E+00	2.17E+00	7.40E-03	3.91E+00	0.00E+00	3.12E-08	1.53E-08	1.12E-03	2.18E-07	3.82E-01	0.00E+00	3.91E+00	7.60E-07	3.91E+00	4.29E+00	3.82E-01	0.00E+00	0.00E+00	0.00E+00	7.79E+01
NFN320	3.64E-03	5.16E-01	1.91E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.57E-03	0.00E+00	-5.57E-04	6.02E-10	2.27E-08	2.02E-02	9.37E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.57E-07	4.32E+00	4.77E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
NFN325	3.64E-03	5.16E-01	1.91E-02	4.97E-01	0.00E+00	0.00E+00	3.19E+00	6.00E-06	1.98E-03	4.57E-03	0.00E+00	-5.57E-04	6.02E-10	2.27E-08	2.02E-02	9.37E-01	0.00E+00	0.00E+00	2.58E+00	7.40E-03	4.32E+00	0.00E+00	3.45E-08	1.78E-08	1.27E-03	2.20E-07	4.52E-01	0.00E+00	4.32E+00	7.58E-07	4.32E+00	4.77E+00	4.52E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
NFN350	5.66E-03	6.02E-01	2.29E-02	5.79E-01	0.00E+00	0.00E+00	3.60E+00	6.57E-06	3.44E-03	5.39E-03	0.00E+00	-5.70E-04	6.92E-10	3.75E-08	2.22E-02	1.22E+00	0.00E+00	0.00E+00	3.08E+00	7.58E-03	4.89E+00	0.00E+00	3.94E-08	2.16E-08	1.57E-03	2.28E-07	5.44E-01	0.00E+00	4.89E+00	7.08E-07	4.89E+00	5.43E+00	5.44E-01	0.00E+00	0.00E+00	0.00E+00	1.13E+02
NFN363	5.71E-03	6.08E-01	2.32E-02	5.84E-01	0.00E+00	0.00E+00	3.66E+00	6.73E-06	3.46E-03	5.44E-03	0.00E+00	-5.70E-04	7.34E-10	3.78E-08	2.24E-02	1.24E+00	0.00E+00	0.00E+00	3.18E+00	7.58E-03	4.96E+00	0.00E+00	3.98E-08	2.20E-08	1.58E-03	2.29E-07	5.57E-01	0.00E+00	4.96E+00	7.46E-07	4.96E+00	5.51E+00	5.57E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NFN410	3.19E-03	6.50E-01	2.21E-02	6.28E-01	0.00E+00	0.00E+00	3.75E+00	7.11E-06	1.43E-03	5.66E-03	0.00E+00	-7.42E-04	6.93E-10	1.77E-08	2.47E-02	9.96E-01	0.00E+00	0.00E+00	2.89E+00	9.86E-03	5.19E+00	0.00E+00	4.15E-08	2.04E-08	1.49E-03	2.90E-07	5.09E-01	0.00E+00	5.19E+00	1.01E-06	5.19E+00	5.70E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	1.04E+02
NFN416	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.33E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
NFN420	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NFN425	4.84E-03	6.87E-01	2.55E-02	6.62E-01	0.00E+00	0.00E+00	4.25E+00	7.99E-06	2.63E-03	6.09E-03	0.00E+00	-7.42E-04	8.03E-10	3.03E-08	2.68E-02	1.25E+00	0.00E+00	0.00E+00	3.43E+00	9.87E-03	5.75E+00	0.00E+00	4.58E-08	2.36E-08	1.69E-03	2.93E-07	6.02E-01	0.00E+00	5.75E+00	1.00E-06	5.75E+00	6.35E+00	6.02E-01	0.00E+00	0.00E+00	0.00E+00	1.24E+02
NFN432	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.96E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
NFN450	7.54E-03	8.02E-01	3.06E-02	7.72E-01	0.00E+00	0.00E+00	4.80E+00	8.75E-06	4.59E-03	7.17E-03	0.00E+00	-7.59E-04	9.23E-10	5.00E-08	2.95E-02	1.63E+00	0.00E+00	0.00E+00	4.10E+00	1.01E-02	6.50E+00	0.00E+00	5.24E-08	2.88E-08	2.09E-03	3.04E-07	7.25E-01	0.00E+00	6.50E+00	9.38E-07	6.50E+00	7.23E+00	7.25E-01	0.00E+00	0.00E+00	0.00E+00	1.50E+02
NFN463	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
NFN716	1.76E-03	3.29E-01	1.14E-02	3.17E-01	0.00E+00	0.00E+00	1.93E+00	3.66E-06	8.34E-04	2.88E-03	0.00E+00	-3.71E-04	3.58E-10	1.01E-08	1.26E-02	5.25E-01	0.00E+00	0.00E+00	1.50E+00	4.93E-03	2.66E+00	0.00E+00	2.13E-08	1.05E-08	7.68E-04	1.45E-07	2.65E-01	0.00E+00	2.66E+00	5.04E-07	2.66E+00	2.93E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
NFT306	2.44E-03	4.73E-01	1.46E-02	4.59E-01	0.00E+00	0.00E+00	2.56E+00	4.75E-06	9.95E-04	4.17E-03	0.00E+00	-3.93E-04	4.76E-10	1.24E-08	1.71E-02	6.84E-01	0.00E+00	0.00E+00	1.97E+00	5.25E-03	3.53E+00	0.00E+00	2.89E-08	1.40E-08	1.12E-03	1.65E-07	3.49E-01	0.00E+00	3.53E+00	2.59E-07	3.53E+00	3.92E+00	3.49E-01	0.00E+00	0.00E+00	0.00E+00	6.94E+01
NFT310	2.46E-03	4.71E-01	1.37E-02	4.62E-01	0.00E+00	0.00E+00	2.55E+00	4.80E-06	1.09E-03	4.18E-03	0.00E+00	-3.95E-04	4.78E-10	1.33E-08	1.73E-02	7.16E-01	0.00E+00	0.00E+00	2.07E+00	5.29E-03	3.73E+00	0.00E+00	3.03E-08	1.54E-08	1.12E-03	1.64E-07	3.66E-01	0.00E+00	3.73E+00	6.91E-07	3.73E+00	4.09E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	7.37E+01
NFT316	3.97E-03	5.13E-01	1.69E-02	4.96E-01	0.00E+00	0.00E+00	2.45E+00	4.49E-06	1.39E-03	4.42E-03	0.00E+00	-6.72E-04	4.68E-10	1.55E-08	1.69E-02	7.40E-01	0.00E+00	0.00E+00	1.96E+00	8.91E-03	3.59E+00	0.00E+00	2.94E-08	1.49E-08	1.17E-03	2.53E-07	3.51E-01	0.00E+00	3.59E+00	6.14E-07	3.59E+00	3.94E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	7.04E+01
NFT320	4.73E-03	5.27E-01	1.80E-02	5.09E-01	0.00E+00	0.00E+00	2.64E+00	4.83E-06	1.73E-03	4.57E-03	0.00E+00	-6.72E-04	5.12E-10	1.92E-08	1.77E-02	8.19E-01	0.00E+00	0.00E+00	2.15E+00	8.91E-03	3.80E+00	0.00E+00	3.10E-08	1.60E-08	1.23E-03	2.54E-07	3.83E-01	0.00E+00	3.80E+00	6.29E-07	3.80E+00	4.18E+00	3.83E-01	0.00E+00	0.00E+00	0.00E+00	7.77E+01
NFT325	3.36E-03	4.89E-01	1.83E-02	4.72E-01	0.00E+00	0.00E+00	2.83E+00	5.09E-06	1.70E-03	4.37E-03	0.00E+00	-5.22E-04	5.36E-10	2.04E-08	1.84E-02	9.36E-01	0.00E+00	0.00E+00	2.44E+00	7.13E-03	3.96E+00	0.00E+00	3.20E-08	1.77E-08	1.25E-03	1.97E-07	4.29E-01	0.00E+00	3.96E+00	2.58E-07	3.96E+00	4.37E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	8.89E+01
NFT332	4.39E-03	4.92E-01	1.96E-02	4.75E-01	0.00E+00	0.00E+00	2.89E+00	5.14E-06	2.36E-03	4.38E-03	0.00E+00	-5.25E-04	5.55E-10	2.67E-08	1.84E-02	9.92E-01	0.00E+00	0.00E+00	2.50E+00	7.10E-03	3.98E+00	0.00E+00	3.24E-08	1.79E-08	1.28E-03	2.00E-07	4.39E-01	0.00E+00	3.98E+00	2.58E-07	3.98E+00	4.43E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	9.09E+01
NFT340	4.61E-03	5.33E-01	2.08E-02	5.10E-01	0.00E+00	0.00E+00	2.92E+00	5.16E-06	2.63E-03	4.50E-03	0.00E+00	-5.58E-04	5.58E-10	2.92E-08	1.85E-02	1.06E+00	0.00E+00	0.00E+00	2.52E+00	7.55E-03	3.99E+00	0.00E+00	3.25E-08	1.83E-08	1.28E-03	2.04E-07	4.43E-01	0.00E+00	3.99E+00	2.56E-07	3.99E+00	4.44E+00	4.43E-01	0.00E+00	0.00E+00	0.00E+00	9.19E+01
NFT702	8.86E-04	1.92E-01	5.00E-03	1.87E-01	0.00E+00	0.00E+00	9.13E-01	1.75E-06	3.97E-04	1.66E-03	0.00E+00	-1.03E-04	1.88E-10	4.58E-09	6.18E-03	2.59E-01	0.00E+00	0.00E+00	7.54E-01	1.38E-03	1.37E+00	0.00E+00	1.12E-08	5.61E-09	4.33E-04	4.73E-08	1.32E-01	0.00E+00	1.37E+00	2.96E-07	1.37E+00	1.50E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	2.73E+01
NFT703	8.92E-04	1.89E-01	5.94E-03	1.85E-01	0.00E+00	0.00E+00	9.52E-01	1.80E-06	4.04E-04	1.66E-03	0.00E+00	-1.46E-04	1.83E-10	4.77E-09	6.44E-03	2.62E-01	0.00E+00	0.00E+00	7.68E-01	2.05E-03	1.41E+00	0.00E+00	1.15E-08	5.57E-09	4.24E-04	5.64E-08	1.36E-01	0.00E+00	1.41E+00	2.74E-07	1.41E+00	1.54E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.77E+01
NFT704	9.53E-04	1.94E-01	5.09E-03	1.89E-01	0.00E+00	0.00E+00	9.40E-01	1.80E-06	4.44E-04	1.69E-03	0.00E+00	-9.42E-05	1.95E-10	5.08E-09	6.29E-03	2.70E-01	0.00E+00	0.00E+00	7.82E-01	1.26E-03	1.40E+00	0.00E+00	1.14E-08	5.77E-09	4.42E-04	4.46E-08	1.37E-01	0.00E+00	1.40E+00	3.00E-07	1.40E+00	1.54E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	2.83E+01
NFT706	7.83E-04	1.82E-01	4.44E-03	1.77E-01	0.00E+00	0.00E+00	8.51E-01	1.57E-06	3.43E-04	1.57E-03	0.00E+00	-8.01E-05	1.57E-10	3.98E-09	5.74E-03	2.34E-01	0.00E+00	0.00E+00	6.58E-01	1.08E-03	1.25E+00	0.00E+00	1.03E-08	5.06E-09	4.02E-04	3.91E-08	1.18E-01	0.00E+00	1.25E+00	2.47E-07	1.25E+00	1.37E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	2.35E+01
NFT710	1.18E-03	1.84E-01	4.56E-03	1.80E-01	0.00E+00	0.00E+00	8.72E-01	1.60E-06	3.82E-04	1.59E-03	0.00E+00	-8.01E-05	1.60E-10	4.38E-09	5.82E-03	2.42E-01	0.00E+00	0.00E+00	6.75E-01	1.08E-03	1.27E+00	0.00E+00	1.04E-08	5.15E-09	4.09E-04	3.93E-08	1.21E-01	0.00E+00	1.27E+00	2.42E-07	1.27E+00	1.39E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	2.41E+01
NFT716	1.31E-03	1.87E-01	4.75E-03	1.82E-01	0.00E+00	0.00E+00	9.03E-01	1.66E-06	4.41E-04	1.61E-03	0.00E+00	-8.01E-05	1.66E-10	5.01E-09	5.96E-03	2.56E-01	0.00E+00	0.00E+00	7.04E-01	1.08E-03	1.30E+00	0.00E+00	1.07E-08	5.33E-09	4.20E-04	3.95E-08	1.26E-01	0.00E+00	1.30E+00	2.43E-07	1.30E+00	1.43E+00	1.26E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
NFT720	1.48E-03	1.96E-01	5.80E-03	1.90E-01	0.00E+00	0.00E+00	1.03E+00	1.88E-06	8.52E-04	1.73E-03	0.00E+00	-8.01E-05	2.01E-10	9.29E-09	6.48E-03	3.36E-01	0.00E+00	0.00E+00	8.72E-01	1.08E-03	1.45E+00	0.00E+00	1.19E-08	6.34E-09	4.80E-04	4.01E-08	1.55E-01	0.00E+00	1.45E+00	2.40E-07	1.45E+00	1.61E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	3.18E+01
NFT725	2.20E-03	1.97E-01	5.80E-03	1.91E-01	0.00E+00	0.00E+00	1.03E+00	1.88E-06	8.52E-04	1.73E-03	0.00E+00	-8.01E-05	1.99E-10	9.29E-09	6.47E-03	3.35E-01	0.00E+00	0.00E+00	8.66E-01	1.08E-03	1.45E+00	0.00E+00	1.18E-08	6.31E-09	4.81E-04	4.02E-08	1.54E-01	0.00E+00	1.45E+00	2.33E-07	1.45E+00	1.60E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00	3.15E+01
NFT732	2.33E-03	1.99E-01	5.98E-03	1.93E-01	0.00E+00	0.00E+00	1.06E+00	1.92E-06	9.15E-04	1.76E-03	0.00E+00	-8.01E-05	2.02E-10	9.95E-09	6.60E-03	3.48E-01	0.00E+00	0.00E+00	8.89E-01	1.08E-03	1.48E+00	0.00E+00	1.21E-08	6.48E-09	4.91E-04	4.04E-08	1.59E-01	0.00E+00	1.48E+00	2.31E-07	1.48E+00	1.63E+00	1.59E-01	0.00E+00	0.00E+00	0.00E+00	3.23E+01
NFT740	1.57E-03	1.99E-01	6.03E-03	1.93E-01	0.00E+00	0.00E+00	1.07E+00	1.96E-06	9.16E-04	1.76E-03	0.00E+00	-8.01E-05	2.11E-10	9.98E-09	6.65E-03	3.51E-01	0.00E+00	0.00E+00	9.12E-01	1.08E-03	1.49E+00	0.00E+00	1.22E-08	6.56E-09	4.93E-04	4.04E-08	1.61E-01	0.00E+00	1.49E+00	2.45E-07	1.49E+00	1.66E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
NFT806	2.58E-03	4.90E-01	1.54E-02	4.74E-01	0.00E+00	0.00E+00	2.56E+00	4.79E-06	1.03E-03	4.30E-03	0.00E+00	-4.26E-04	4.84E-10	1.31E-08	1.75E-02	7.82E-01	0.00E+00	0.00E+00	2.12E+00	5.60E-03	3.80E+00	0.00E+00	3.09E-08	1.58E-08	1.20E-03	1.74E-07	3.75E-01	0.00E+00	3.80E+00	2.76E-07	3.80E+00	4.19E+00	3.75E-01	0.00E+00	0.00E+00	0.00E+00	7.52E+01
NFT810	3.57E-03	5.24E-01	1.58E-02	5.08E-01	0.00E+00	0.00E+00	2.45E+00	4.50E-06	1.19E-03	4.50E-03	0.00E+00	-5.67E-04	4.61E-10	1.35E-08	1.70E-02	7.15E-01	0.00E+00	0.00E+00	1.93E+00	7.53E-03	3.62E+00	0.00E+00	2.96E-08	1.48E-08	1.17E-03	2.20E-07	3.46E-01	0.00E+00	3.62E+00	6.53E-07	3.62E+00	3.96E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	6.89E+01
NFT816	3.97E-03	5.30E-01	1.64E-02	5.14E-01	0.00E+00	0.00E+00	2.54E+00	4.66E-06	1.37E-03	4.57E-03	0.00E+00	-5.67E-04	4.79E-10	1.54E-08	1.74E-02	7.55E-01	0.00E+00	0.00E+00	2.01E+00	7.53E-03	3.72E+00	0.00E+00	3.04E-08	1.54E-08	1.20E-03	2.20E-07	3.62E-01	0.00E+00	3.72E+00	6.56E-07	3.72E+00	4.08E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	7.23E+01
NFT820	5.36E-03	5.49E-01	1.81E-02	5.31E-01	0.00E+00	0.00E+00	2.79E+00	5.09E-06	2.01E-03	4.79E-03	0.00E+00	-5.67E-04	5.37E-10	2.21E-08	1.85E-02	8.86E-01	0.00E+00	0.00E+00	2.29E+00	7.53E-03	3.99E+00	0.00E+00	3.26E-08	1.70E-08	1.30E-03	2.22E-07	4.10E-01	0.00E+00	3.99E+00	6.52E-07	3.99E+00	4.40E+00	4.10E-01	0.00E+00	0.00E+00	0.00E+00	8.31E+01
NFT825	5.36E-03	5.50E-01	1.82E-02	5.32E-01	0.00E+00	0.00E+00	2.80E+00	5.11E-06	2.01E-03	4.79E-03	0.00E+00	-5.67E-04	5.41E-10	2.21E-08	1.85E-02	8.87E-01	0.00E+00	0.00E+00	2.30E+00	7.53E-03	4.00E+00	0.00E+00	3.26E-08	1.71E-08	1.31E-03	2.22E-07	4.11E-01	0.00E+00	4.00E+00	6.56E-07	4.00E+00	4.41E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.35E+01
NFT832	4.30E-03	5.57E-01	1.95E-02	5.37E-01	0.00E+00	0.00E+00	2.96E+00	5.43E-06	2.49E-03	4.91E-03	0.00E+00	-5.70E-04	5.86E-10	2.72E-08	1.92E-02	9.85E-01	0.00E+00	0.00E+00	2.52E+00	7.57E-03	4.22E+00	0.00E+00	3.43E-08	1.84E-08	1.37E-03	2.24E-07	4.46E-01	0.00E+00	4.22E+00	6.81E-07	4.22E+00	4.67E+00	4.46E-01	0.00E+00	0.00E+00	0.00E+00	9.20E+01
NFT840	6.76E-03	5.66E-01	1.98E-02	5.46E-01	0.00E+00	0.00E+00	3.00E+00	5.43E-06	2.66E-03	4.98E-03	0.00E+00	-5.75E-04	5.87E-10	2.88E-08	1.93E-02	1.01E+00	0.00E+00	0.00E+00	2.54E+00	7.64E-03	4.22E+00	0.00E+00	3.44E-08	1.86E-08	1.40E-03	2.26E-07	4.53E-01	0.00E+00	4.22E+00	6.34E-07	4.22E+00	4.68E+00	4.53E-01	0.00E+00	0.00E+00	0.00E+00	9.29E+01
NGN150	1.61E-03	1.96E-01	6.27E-03	1.89E-01	0.00E+00	0.00E+00	1.10E+00	2.07E-06	9.40E-04	1.71E-03	0.00E+00	-2.07E-04	2.04E-10	1.04E-08	6.96E-03	3.69E-01	0.00E+00	0.00E+00	9.16E-01	2.89E-03	1.59E+00	0.00E+00	1.31E-08	6.81E-09	4.81E-04	7.60E-08	1.64E-01	0.00E+00	1.59E+00	2.58E-07	1.59E+00	1.80E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
NGN163	1.75E-03	2.05E-01	6.44E-03	1.97E-01	0.00E+00	0.00E+00	1.10E+00	2.08E-06	1.09E-03	1.76E-03	0.00E+00	-2.03E-04	2.05E-10	1.14E-08	6.97E-03	3.69E-01	0.00E+00	0.00E+00	9.13E-01	2.78E-03	1.60E+00	0.00E+00	1.32E-08	6.83E-09	4.83E-04	7.61E-08	1.63E-01	0.00E+00	1.60E+00	2.57E-07	1.60E+00	1.80E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	3.35E+01
NGT306	2.45E-03	4.71E-01	1.46E-02	4.58E-01	0.00E+00	0.00E+00	2.56E+00	4.77E-06	9.95E-04	4.17E-03	0.00E+00	-3.96E-04	4.76E-10	1.24E-08	1.73E-02	7.07E-01	0.00E+00	0.00E+00	2.06E+00	5.33E-03	3.71E+00	0.00E+00	3.02E-08	1.54E-08	1.12E-03	1.66E-07	3.65E-01	0.00E+00	3.71E+00	2.57E-07	3.71E+00	4.08E+00	3.65E-01	0.00E+00	0.00E+00	0.00E+00	7.34E+01
NGT310	2.45E-03	4.68E-01	1.44E-02	4.56E-01	0.00E+00	0.00E+00	2.55E+00	4.77E-06	1.09E-03	4.17E-03	0.00E+00	-2.83E-04	4.78E-10	1.33E-08	1.71E-02	6.93E-01	0.00E+00	0.00E+00	1.97E+00	3.77E-03	3.54E+00	0.00E+00	2.89E-08	1.41E-08	1.12E-03	1.24E-07	3.50E-01	0.00E+00	3.54E+00	2.58E-07	3.54E+00	3.94E+00	3.50E-01	0.00E+00	0.00E+00	0.00E+00	6.99E+01
NGT316	2.78E-03	4.82E-01	1.55E-02	4.68E-01	0.00E+00	0.00E+00	2.56E+00	4.77E-06	1.35E-03	4.28E-03	0.00E+00	-4.13E-04	4.91E-10	1.55E-08	1.75E-02	7.57E-01	0.00E+00	0.00E+00	2.09E+00	5.53E-03	3.74E+00	0.00E+00	3.05E-08	1.56E-08	1.18E-03	1.66E-07	3.70E-01	0.00E+00	3.74E+00	2.55E-07	3.74E+00	4.11E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	7.45E+01
NGT320	3.16E-03	4.91E-01	1.62E-02	4.77E-01	0.00E+00	0.00E+00	2.65E+00	4.99E-06	1.54E-03	4.38E-03	0.00E+00	-5.17E-04	5.25E-10	1.79E-08	1.80E-02	8.29E-01	0.00E+00	0.00E+00	2.24E+00	6.97E-03	3.89E+00	0.00E+00	3.15E-08	1.67E-08	1.22E-03	1.94E-07	3.97E-01	0.00E+00	3.89E+00	7.00E-07	3.89E+00	4.29E+00	3.97E-01	0.00E+00	0.00E+00	0.00E+00	7.99E+01
NGT325	3.36E-03	4.91E-01	1.85E-02	4.74E-01	0.00E+00	0.00E+00	2.84E+00	5.09E-06	1.70E-03	4.38E-03	0.00E+00	-5.35E-04	5.37E-10	2.03E-08	1.84E-02	9.36E-01	0.00E+00	0.00E+00	2.44E+00	7.28E-03	3.96E+00	0.00E+00	3.21E-08	1.77E-08	1.25E-03	1.99E-07	4.29E-01	0.00E+00	3.96E+00	2.37E-07	3.96E+00	4.38E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	8.89E+01
NGT332	4.39E-03	4.93E-01	1.97E-02	4.76E-01	0.00E+00	0.00E+00	2.89E+00	5.14E-06	2.37E-03	4.39E-03	0.00E+00	-5.32E-04	5.55E-10	2.67E-08	1.84E-02	9.92E-01	0.00E+00	0.00E+00	2.50E+00	7.11E-03	3.98E+00	0.00E+00	3.24E-08	1.79E-08	1.28E-03	2.01E-07	4.39E-01	0.00E+00	3.98E+00	2.58E-07	3.98E+00	4.43E+00	4.39E-01	0.00E+00	0.00E+00	0.00E+00	9.07E+01
NGT340	4.65E-03	5.44E-01	2.08E-02	5.24E-01	0.00E+00	0.00E+00	2.94E+00	5.22E-06	2.63E-03	4.62E-03	0.00E+00	-5.59E-04	5.69E-10	2.94E-08	1.87E-02	1.06E+00	0.00E+00	0.00E+00	2.54E+00	7.57E-03	4.05E+00	0.00E+00	3.33E-08	1.84E-08	1.30E-03	2.03E-07	4.46E-01	0.00E+00	4.05E+00	2.58E-07	4.05E+00	4.52E+00	4.46E-01	0.00E+00	0.00E+00	0.00E+00	9.23E+01
NGT702	8.79E-04	1.88E-01	5.72E-03	1.85E-01	0.00E+00	0.00E+00	9.22E-01	1.72E-06	4.02E-04	1.66E-03	0.00E+00	-1.63E-04	1.82E-10	4.73E-09	6.05E-03	2.59E-01	0.00E+00	0.00E+00	7.51E-01	2.25E-03	1.35E+00	0.00E+00	1.11E-08	5.60E-09	4.29E-04	5.97E-08	1.33E-01	0.00E+00	1.35E+00	2.77E-07	1.35E+00	1.48E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
NGT703	8.85E-04	1.89E-01	5.67E-03	1.85E-01	0.00E+00	0.00E+00	9.24E-01	1.71E-06	4.02E-04	1.66E-03	0.00E+00	-1.46E-04	1.80E-10	4.75E-09	6.06E-03	2.59E-01	0.00E+00	0.00E+00	7.51E-01	2.05E-03	1.35E+00	0.00E+00	1.12E-08	5.53E-09	4.22E-04	5.62E-08	1.33E-01	0.00E+00	1.35E+00	2.74E-07	1.35E+00	1.48E+00	1.33E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
NGT704	8.86E-04	1.88E-01	5.61E-03	1.84E-01	0.00E+00	0.00E+00	9.41E-01	1.74E-06	4.08E-04	1.66E-03	0.00E+00	-1.48E-04	1.80E-10	4.84E-09	6.09E-03	2.61E-01	0.00E+00	0.00E+00	7.54E-01	2.05E-03	1.36E+00	0.00E+00	1.12E-08	5.76E-09	4.27E-04	5.64E-08	1.34E-01	0.00E+00	1.36E+00	2.74E-07	1.36E+00	1.51E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.71E+01
NGT706	8.12E-04	1.79E-01	4.69E-03	1.74E-01	0.00E+00	0.00E+00	8.80E-01	1.64E-06	3.51E-04	1.56E-03	0.00E+00	-8.84E-05	1.63E-10	4.13E-09	5.90E-03	2.48E-01	0.00E+00	0.00E+00	6.91E-01	1.14E-03	1.29E+00	0.00E+00	1.05E-08	5.20E-09	4.06E-04	4.26E-08	1.23E-01	0.00E+00	1.29E+00	2.54E-07	1.29E+00	1.41E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	2.48E+01
NGT710	8.50E-04	1.85E-01	4.63E-03	1.81E-01	0.00E+00	0.00E+00	8.83E-01	1.66E-06	3.84E-04	1.60E-03	0.00E+00	-8.01E-05	1.67E-10	4.42E-09	5.96E-03	2.48E-01	0.00E+00	0.00E+00	6.99E-01	1.08E-03	1.31E+00	0.00E+00	1.07E-08	5.33E-09	4.16E-04	3.95E-08	1.25E-01	0.00E+00	1.31E+00	2.70E-07	1.31E+00	1.44E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
NGT716	9.33E-04	1.88E-01	4.82E-03	1.83E-01	0.00E+00	0.00E+00	9.14E-01	1.71E-06	4.43E-04	1.63E-03	0.00E+00	-8.01E-05	1.73E-10	5.05E-09	6.10E-03	2.61E-01	0.00E+00	0.00E+00	7.29E-01	1.08E-03	1.35E+00	0.00E+00	1.10E-08	5.51E-09	4.27E-04	3.97E-08	1.30E-01	0.00E+00	1.35E+00	2.71E-07	1.35E+00	1.48E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
NGT720	1.49E-03	1.98E-01	5.85E-03	1.92E-01	0.00E+00	0.00E+00	1.04E+00	1.91E-06	8.54E-04	1.75E-03	0.00E+00	-8.01E-05	2.02E-10	9.31E-09	6.59E-03	3.40E-01	0.00E+00	0.00E+00	8.81E-01	1.08E-03	1.49E+00	0.00E+00	1.21E-08	6.47E-09	4.86E-04	4.03E-08	1.56E-01	0.00E+00	1.49E+00	2.57E-07	1.49E+00	1.64E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	3.21E+01
NGT725	1.49E-03	1.98E-01	5.87E-03	1.92E-01	0.00E+00	0.00E+00	1.05E+00	1.93E-06	8.54E-04	1.75E-03	0.00E+00	-8.01E-05	2.06E-10	9.32E-09	6.62E-03	3.41E-01	0.00E+00	0.00E+00	8.90E-01	1.08E-03	1.49E+00	0.00E+00	1.22E-08	6.50E-09	4.88E-04	4.04E-08	1.58E-01	0.00E+00	1.49E+00	2.61E-07	1.49E+00	1.65E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	3.25E+01
NGT732	1.58E-03	2.00E-01	6.05E-03	1.94E-01	0.00E+00	0.00E+00	1.07E+00	1.97E-06	9.17E-04	1.77E-03	0.00E+00	-8.01E-05	2.09E-10	9.98E-09	6.74E-03	3.54E-01	0.00E+00	0.00E+00	9.13E-01	1.08E-03	1.52E+00	0.00E+00	1.24E-08	6.66E-09	4.98E-04	4.06E-08	1.62E-01	0.00E+00	1.52E+00	2.58E-07	1.52E+00	1.68E+00	1.62E-01	0.00E+00	0.00E+00	0.00E+00	3.33E+01
NGT740	1.57E-03	2.03E-01	6.51E-03	1.96E-01	0.00E+00	0.00E+00	1.07E+00	1.95E-06	9.18E-04	1.79E-03	0.00E+00	-1.38E-04	2.06E-10	9.98E-09	6.71E-03	3.53E-01	0.00E+00	0.00E+00	9.05E-01	1.84E-03	1.51E+00	0.00E+00	1.23E-08	6.61E-09	4.99E-04	5.92E-08	1.61E-01	0.00E+00	1.51E+00	2.40E-07	1.51E+00	1.67E+00	1.61E-01	0.00E+00	0.00E+00	0.00E+00	3.30E+01
NGT806	2.49E-03	4.90E-01	1.53E-02	4.74E-01	0.00E+00	0.00E+00	2.54E+00	4.76E-06	1.00E-03	4.29E-03	0.00E+00	-4.09E-04	4.82E-10	1.27E-08	1.74E-02	7.16E-01	0.00E+00	0.00E+00	2.05E+00	5.36E-03	3.71E+00	0.00E+00	3.03E-08	1.53E-08	1.18E-03	1.66E-07	3.62E-01	0.00E+00	3.71E+00	2.75E-07	3.71E+00	4.10E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	7.26E+01
NGT810	2.52E-03	5.24E-01	1.58E-02	5.08E-01	0.00E+00	0.00E+00	2.45E+00	4.50E-06	1.19E-03	4.50E-03	0.00E+00	-5.67E-04	4.61E-10	1.35E-08	1.70E-02	7.15E-01	0.00E+00	0.00E+00	1.93E+00	7.53E-03	3.62E+00	0.00E+00	2.96E-08	1.48E-08	1.17E-03	2.20E-07	3.46E-01	0.00E+00	3.62E+00	6.53E-07	3.62E+00	3.96E+00	3.46E-01	0.00E+00	0.00E+00	0.00E+00	6.90E+01
NGT816	2.78E-03	5.25E-01	1.55E-02	5.09E-01	0.00E+00	0.00E+00	2.56E+00	4.77E-06	1.37E-03	4.55E-03	0.00E+00	-4.50E-04	4.97E-10	1.54E-08	1.76E-02	7.63E-01	0.00E+00	0.00E+00	2.07E+00	6.00E-03	3.79E+00	0.00E+00	3.08E-08	1.56E-08	1.20E-03	1.83E-07	3.68E-01	0.00E+00	3.79E+00	7.20E-07	3.79E+00	4.15E+00	3.68E-01	0.00E+00	0.00E+00	0.00E+00	7.45E+01
NGT820	3.65E-03	5.44E-01	1.73E-02	5.27E-01	0.00E+00	0.00E+00	2.81E+00	5.20E-06	2.01E-03	4.77E-03	0.00E+00	-4.50E-04	5.55E-10	2.21E-08	1.87E-02	8.94E-01	0.00E+00	0.00E+00	2.35E+00	6.00E-03	4.06E+00	0.00E+00	3.30E-08	1.73E-08	1.31E-03	1.85E-07	4.16E-01	0.00E+00	4.06E+00	7.16E-07	4.06E+00	4.48E+00	4.16E-01	0.00E+00	0.00E+00	0.00E+00	8.53E+01
NGT825	3.64E-03	5.50E-01	1.82E-02	5.32E-01	0.00E+00	0.00E+00	2.80E+00	5.11E-06	2.01E-03	4.80E-03	0.00E+00	-5.67E-04	5.41E-10	2.21E-08	1.85E-02	8.87E-01	0.00E+00	0.00E+00	2.31E+00	7.53E-03	4.00E+00	0.00E+00	3.27E-08	1.71E-08	1.31E-03	2.22E-07	4.11E-01	0.00E+00	4.00E+00	6.56E-07	4.00E+00	4.42E+00	4.11E-01	0.00E+00	0.00E+00	0.00E+00	8.36E+01
NGT832	4.29E-03	5.61E-01	1.94E-02	5.42E-01	0.00E+00	0.00E+00	2.94E+00	5.33E-06	2.49E-03	4.93E-03	0.00E+00	-5.67E-04	5.69E-10	2.71E-08	1.91E-02	9.78E-01	0.00E+00	0.00E+00	2.47E+00	7.53E-03	4.16E+00	0.00E+00	3.40E-08	1.82E-08	1.37E-03	2.23E-07	4.41E-01	0.00E+00	4.16E+00	6.34E-07	4.16E+00	4.60E+00	4.41E-01	0.00E+00	0.00E+00	0.00E+00	8.99E+01

	NGT840	4.52E-03	5.67E-01	1.99E-02	5.47E-01	0.00E+00	0.00E+00	3.02E+00	5.47E-06	2.66E-03	5.00E-03	0.00E+00	-5.75E-04	5.91E-10	2.89E-08	1.94E-02	1.01E+00	0.00E+00	0.00E+00	2.56E+00	7.64E-03	4.25E+00	0.00E+00	3.46E-08	1.87E-08	1.40E-03	2.26E-07	4.55E-01	0.00E+00	4.25E+00	6.39E-07	4.25E+00	4.70E+00	4.55E-01	0.00E+00	0.00E+00	0.00E+00	9.34E+01
	NKN110	7.98E-04	1.63E-01	5.51E-03	1.58E-01	0.00E+00	0.00E+00	9.36E-01	1.78E-06	3.59E-04	1.42E-03	0.00E+00	-1.86E-04	1.73E-10	4.42E-09	6.03E-03	2.46E-01	0.00E+00	0.00E+00	7.23E-01	2.47E-03	1.29E+00	0.00E+00	1.04E-08	5.10E-09	3.75E-04	7.25E-08	1.27E-01	0.00E+00	1.29E+00	2.52E-07	1.29E+00	1.42E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	2.59E+01
	NKN125	1.21E-03	1.73E-01	6.37E-03	1.66E-01	0.00E+00	0.00E+00	1.06E+00	2.00E-06	6.59E-04	1.53E-03	0.00E+00	-1.86E-04	2.01E-10	7.58E-09	6.56E-03	3.09E-01	0.00E+00	0.00E+00	8.58E-01	2.47E-03	1.43E+00	0.00E+00	1.15E-08	5.91E-09	4.24E-04	7.33E-08	1.50E-01	0.00E+00	1.43E+00	2.51E-07	1.43E+00	1.58E+00	1.50E-01	0.00E+00	0.00E+00	0.00E+00	3.11E+01
	NKN150	1.61E-03	2.04E-01	6.26E-03	1.97E-01	0.00E+00	0.00E+00	1.10E+00	2.08E-06	9.41E-04	1.76E-03	0.00E+00	-2.07E-04	2.04E-10	1.05E-08	6.96E-03	3.69E-01	0.00E+00	0.00E+00	9.18E-01	2.85E-03	1.60E+00	0.00E+00	1.32E-08	6.85E-09	4.83E-04	7.58E-08	1.64E-01	0.00E+00	1.60E+00	2.58E-07	1.60E+00	1.80E+00	1.64E-01	0.00E+00	0.00E+00	0.00E+00	3.36E+01
	NKN163	1.79E-03	1.97E-01	7.19E-03	1.91E-01	0.00E+00	0.00E+00	1.14E+00	2.08E-06	1.11E-03	1.77E-03	0.00E+00	-1.76E-04	2.09E-10	1.22E-08	7.09E-03	3.72E-01	0.00E+00	0.00E+00	9.51E-01	2.35E-03	1.56E+00	0.00E+00	1.26E-08	6.91E-09	4.97E-04	6.92E-08	1.71E-01	0.00E+00	1.56E+00	2.44E-07	1.56E+00	1.74E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	3.43E+01
	NKN210	1.59E-03	3.24E-01	1.10E-02	3.13E-01	0.00E+00	0.00E+00	1.87E+00	3.56E-06	7.16E-04	2.83E-03	0.00E+00	-3.71E-04	3.46E-10	8.84E-09	1.24E-02	4.98E-01	0.00E+00	0.00E+00	1.45E+00	4.93E-03	2.59E+00	0.00E+00	2.07E-08	1.02E-08	7.46E-04	1.45E-07	2.54E-01	0.00E+00	2.59E+00	5.02E-07	2.59E+00	2.85E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	5.18E+01
	NKN216	1.76E-03	3.29E-01	1.14E-02	3.17E-01	0.00E+00	0.00E+00	1.93E+00	3.66E-06	8.34E-04	2.88E-03	0.00E+00	-3.71E-04	3.58E-10	1.01E-08	1.26E-02	5.25E-01	0.00E+00	0.00E+00	1.50E+00	4.93E-03	2.66E+00	0.00E+00	2.13E-08	1.05E-08	7.68E-04	1.45E-07	2.65E-01	0.00E+00	2.66E+00	5.04E-07	2.66E+00	2.93E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	5.41E+01
	NKN416	3.52E-03	6.59E-01	2.28E-02	6.36E-01	0.00E+00	0.00E+00	3.87E+00	7.33E-06	1.67E-03	5.76E-03	0.00E+00	-7.42E-04	7.17E-10	2.02E-08	2.53E-02	1.05E+00	0.00E+00	0.00E+00	3.01E+00	9.86E-03	5.33E+00	0.00E+00	4.26E-08	2.11E-08	1.54E-03	2.91E-07	5.30E-01	0.00E+00	5.33E+00	1.01E-06	5.33E+00	5.86E+00	5.30E-01	0.00E+00	0.00E+00	0.00E+00	1.08E+02
	NKN432	5.96E-03	7.77E-01	2.77E-02	7.50E-01	0.00E+00	0.00E+00	4.49E+00	8.28E-06	3.41E-03	6.87E-03	0.00E+00	-7.42E-04	8.55E-10	3.79E-08	2.83E-02	1.41E+00	0.00E+00	0.00E+00	3.71E+00	9.87E-03	6.16E+00	0.00E+00	4.96E-08	2.63E-08	1.93E-03	2.98E-07	6.56E-01	0.00E+00	6.16E+00	9.98E-07	6.16E+00	6.81E+00	6.56E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
	NKN440	7.30E-03	7.97E-01	3.01E-02	7.67E-01	0.00E+00	0.00E+00	4.72E+00	8.64E-06	4.41E-03	7.11E-03	0.00E+00	-7.59E-04	9.17E-10	4.82E-08	2.91E-02	1.59E+00	0.00E+00	0.00E+00	4.04E+00	1.01E-02	6.42E+00	0.00E+00	5.18E-08	2.83E-08	2.06E-03	3.04E-07	7.13E-01	0.00E+00	6.42E+00	9.46E-07	6.42E+00	7.13E+00	7.13E-01	0.00E+00	0.00E+00	0.00E+00	1.48E+02
	NKN463	7.61E-03	8.09E-01	3.09E-02	7.78E-01	0.00E+00	0.00E+00	4.87E+00	8.97E-06	4.62E-03	7.24E-03	0.00E+00	-7.59E-04	9.78E-10	5.04E-08	2.98E-02	1.65E+00	0.00E+00	0.00E+00	4.24E+00	1.01E-02	6.59E+00	0.00E+00	5.30E-08	2.92E-08	2.11E-03	3.05E-07	7.42E-01	0.00E+00	6.59E+00	9.88E-07	6.59E+00	7.34E+00	7.42E-01	0.00E+00	0.00E+00	0.00E+00	1.56E+02
	NQN110	9.17E-04	2.02E-01	6.18E-03	2.04E-01	0.00E+00	0.00E+00	9.92E-01	1.83E-06	4.02E-04	1.62E-03	0.00E+00	-1.61E-04	1.78E-10	5.04E-09	6.41E-03	2.57E-01	0.00E+00	0.00E+00	7.68E-01	2.07E-03	1.35E+00	0.00E+00	1.12E-08	5.64E-09	4.17E-04	5.90E-08	1.38E-01	0.00E+00	1.35E+00	6.68E-07	1.35E+00	1.49E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	2.70E+01
	NQN116	9.55E-04	2.10E-01	6.64E-03	2.09E-01	0.00E+00	0.00E+00	1.06E+00	1.98E-06	4.27E-04	1.70E-03	0.00E+00	-1.60E-04	1.87E-10	5.27E-09	7.22E-03	2.69E-01	0.00E+00	0.00E+00	8.12E-01	2.02E-03	1.49E+00	0.00E+00	1.21E-08	6.16E-09	4.31E-04	5.81E-08	1.45E-01	0.00E+00	1.49E+00	6.66E-07	1.49E+00	1.65E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	2.87E+01
	NQN210	2.09E-03	3.20E-01	1.16E-02	3.15E-01	0.00E+00	0.00E+00	2.19E+00	4.11E-06	9.39E-04	2.81E-03	0.00E+00	-3.20E-04	3.75E-10	1.15E-08	1.46E-02	5.98E-01	0.00E+00	0.00E+00	1.69E+00	4.11E-03	3.11E+00	0.00E+00	2.56E-08	1.23E-08	7.95E-04	1.43E-07	3.00E-01	0.00E+00	3.11E+00	6.01E-07	3.11E+00	3.51E+00	3.00E-01	0.00E+00	0.00E+00	0.00E+00	6.08E+01
	NQN306	2.48E-03	4.59E-01	1.38E-02	4.48E-01	0.00E+00	0.00E+00	2.59E+00	5.04E-06	1.04E-03	4.17E-03	0.00E+00	-4.31E-04	4.90E-10	1.31E-08	1.81E-02	6.70E-01	0.00E+00	0.00E+00	2.00E+00	5.58E-03	3.83E+00	0.00E+00	3.21E-08	1.51E-08	1.15E-03	1.65E-07	3.62E-01	0.00E+00	3.83E+00	6.92E-07	3.83E+00	4.29E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	7.05E+01
	NQN320	2.88E-03	5.42E-01	1.58E-02	5.28E-01	0.00E+00	0.00E+00	2.72E+00	5.27E-06	1.32E-03	4.99E-03	0.00E+00	-5.40E-04	5.55E-10	1.59E-08	1.88E-02	8.20E-01	0.00E+00	0.00E+00	2.24E+00	7.16E-03	4.05E+00	0.00E+00	3.39E-08	1.69E-08	1.26E-03	1.91E-07	4.04E-01	0.00E+00	4.05E+00	6.99E-07	4.05E+00	4.53E+00	4.04E-01	0.00E+00	0.00E+00	0.00E+00	8.19E+01
	NRN116	9.38E-04	2.02E-01	6.13E-03	2.04E-01	0.00E+00	0.00E+00	1.01E+00	1.85E-06	4.17E-04	1.63E-03	0.00E+00	-1.60E-04	1.79E-10	5.16E-09	6.45E-03	2.61E-01	0.00E+00	0.00E+00	7.75E-01	2.05E-03	1.37E+00	0.00E+00	1.12E-08	6.00E-09	4.24E-04	5.79E-08	1.39E-01	0.00E+00	1.37E+00	6.75E-07	1.37E+00	1.51E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.72E+01
	NRN325	3.33E-03	5.50E-01	1.82E-02	5.34E-01	0.00E+00	0.00E+00	2.93E+00	5.53E-06	1.64E-03	5.07E-03	0.00E+00	-5.72E-04	5.80E-10	1.97E-08	1.96E-02	9.49E-01	0.00E+00	0.00E+00	2.60E+00	7.60E-03	4.15E+00	0.00E+00	3.46E-08	1.83E-08	1.30E-03	1.93E-07	4.63E-01	0.00E+00	4.15E+00	6.92E-07	4.15E+00	4.66E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00	9.56E+01
	NRN363	4.49E-03	5.59E-01	2.03E-02	5.45E-01	0.00E+00	0.00E+00	3.27E+00	5.99E-06	2.57E-03	5.13E-03	0.00E+00	-5.95E-04	6.09E-10	2.84E-08	2.07E-02	1.09E+00	0.00E+00	0.00E+00	2.69E+00	7.86E-03	4.27E+00	0.00E+00	3.55E-08	1.91E-08	1.38E-03	2.00E-07	4.81E-01	0.00E+00	4.27E+00	6.90E-07	4.27E+00	4.79E+00	4.81E-01	0.00E+00	0.00E+00	0.00E+00	9.83E+01
	NRN410	3.27E-03	6.38E-01	2.18E-02	6.14E-01	0.00E+00	0.00E+00	3.70E+00	7.25E-06	1.44E-03	5.58E-03	0.00E+00	-6.38E-04	6.82E-10	1.76E-08	2.50E-02	9.57E-01	0.00E+00	0.00E+00	2.71E+00	8.34E-03	5.13E+00	0.00E+00	4.07E-08	1.96E-08	1.49E-03	2.56E-07	4.88E-01	0.00E+00	5.13E+00	9.61E-07	5.13E+00	5.59E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	9.83E+01
	NSN332	4.23E-03	5.58E-01	1.96E-02	5.44E-01	0.00E+00	0.00E+00	3.07E+00	5.63E-06	2.25E-03	5.12E-03	0.00E+00	-5.61E-04	6.07E-10	2.57E-08	1.98E-02	1.03E+00	0.00E+00	0.00E+00	2.69E+00	7.49E-03	4.26E+00	0.00E+00	3.54E-08	1.88E-08	1.37E-03	1.66E-07	4.76E-01	0.00E+00	4.26E+00	2.40E-07	4.26E+00	4.79E+00	4.76E-01	0.00E+00	0.00E+00	0.00E+00	9.85E+01
	NSN363	4.48E-03	5.60E-01	2.10E-02	5.47E-01	0.00E+00	0.00E+00	3.28E+00	5.99E-06	2.56E-03	5.13E-03	0.00E+00	-5.78E-04	6.11E-10	2.85E-08	2.07E-02	1.09E+00	0.00E+00	0.00E+00	2.72E+00	7.67E-03	4.29E+00	0.00E+00	3.57E-08	1.92E-08	1.38E-03	1.77E-07	4.83E-01	0.00E+00	4.29E+00	2.39E-07	4.29E+00	4.83E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	9.95E+01
	NSN416	4.57E-03	6.57E-01	2.35E-02	6.25E-01	0.00E+00	0.00E+00	4.51E+00	8.11E-06	2.13E-03	5.94E-03	0.00E+00	-6.62E-04	8.58E-10	2.57E-08	2.65E-02	1.50E+00	0.00E+00	0.00E+00	4.20E+00	8.78E-03	6.06E+00	0.00E+00	4.85E-08	2.61E-08	1.78E-03	2.57E-07	7.10E-01	0.00E+00	6.06E+00	9.62E-07	6.06E+00	6.67E+00	7.10E-01	0.00E+00	0.00E+00	0.00E+00	1.53E+02
	YZB110	5.82E-04	1.39E-01	3.49E-03	1.36E-01	0.00E+00	0.00E+00	7.46E-01	1.42E-06	2.37E-04	1.21E-03	0.00E+00	-4.21E-05	1.32E-10	2.98E-09	4.67E-03	1.86E-01	0.00E+00	0.00E+00	5.68E-01	5.70E-04	1.03E+00	0.00E+00	8.37E-09	4.07E-09	3.11E-04	2.43E-08	1.00E-01	0.00E+00	1.03E+00	2.17E-07	1.03E+00	1.13E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	2.03E+01
	YZC110	6.23E-04	1.49E-01	3.84E-03	1.42E-01	0.00E+00	0.00E+00	8.33E-01	1.51E-06	2.56E-04	1.31E-03	0.00E+00	-5.67E-05	1.26E-10	3.19E-09	5.22E-03	2.09E-01	0.00E+00	0.00E+00	5.98E-01	8.18E-04	1.09E+00	0.00E+00	8.99E-09	4.38E-09	3.22E-04	2.96E-08	1.09E-01	0.00E+00	1.09E+00	5.90E-07	1.09E+00	1.21E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.11E+01
	YZB116	6.34E-04	1.39E-01	3.59E-03	1.35E-01	0.00E+00	0.00E+00	7.63E-01	1.44E-06	2.77E-04	1.21E-03	0.00E+00	-4.21E-05	1.33E-10	3.40E-09	4.73E-03	1.94E-01	0.00E+00	0.00E+00	5.80E-01	5.70E-04	1.05E+00	0.00E+00	8.48E-09	4.14E-09	3.14E-04	2.44E-08	1.03E-01	0.00E+00	1.05E+00	2.14E-07	1.05E+00	1.15E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	2.07E+01
	YZC116	6.29E-04	1.40E-01	3.86E-03	1.36E-01	0.00E+00	0.00E+00	8.00E-01	1.47E-06	2.56E-04	1.22E-03	0.00E+00	-4.69E-05	1.36E-10	3.20E-09	5.11E-03	2.13E-01	0.00E+00	0.00E+00	6.10E-01	6.92E-04	1.11E+00	0.00E+00	9.04E-09	4.48E-09	3.19E-04	2.66E-08	1.09E-01	0.00E+00	1.11E+00	2.19E-07	1.11E+00	1.22E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
	YZB120	6.39E-04	1.40E-01	3.86E-03	1.37E-01	0.00E+00	0.00E+00	8.00E-01	1.46E-06	2.61E-04	1.23E-03	0.00E+00	-5.01E-05	1.34E-10	3.24E-09	5.14E-03	2.15E-01	0.00E+00	0.00E+00	6.09E-01	6.79E-04	1.11E+00	0.00E+00	9.05E-09	4.47E-09	3.19E-04	2.87E-08	1.09E-01	0.00E+00	1.11E+00	2.16E-07	1.11E+00	1.22E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+01
	YZC120	6.51E-04	1.41E-01	3.96E-03	1.38E-01	0.00E+00	0.00E+00	8.09E-01	1.48E-06	2.63E-04	1.22E-03	0.00E+00	-1.11E-04	1.34E-10	3.35E-09	5.27E-03	2.13E-01	0.00E+00	0.00E+00	6.17E-01	1.40E-03	1.12E+00	0.00E+00	9.15E-09	4.52E-09	3.23E-04	4.09E-08	1.11E-01	0.00E+00	1.12E+00	2.24E-07	1.12E+00	1.24E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	2.21E+01
	YZB125	1.03E-03	1.65E-01	5.29E-03	1.58E-01	0.00E+00	0.00E+00	9.76E-01	1.81E-06	4.84E-04	1.48E-03	0.00E+00	-7.44E-05	1.77E-10	5.83E-09	6.08E-03	2.70E-01	0.00E+00	0.00E+00	7.64E-01	9.81E-04	1.31E+00	0.00E+00	1.06E-08	5.35E-09	4.12E-04	3.77E-08	1.36E-01	0.00E+00	1.31E+00	2.41E-07	1.31E+00	1.44E+00	1.36E-01	0.00E+00	0.00E+00	0.00E+00	2.75E+01
	YZC125	1.07E-03	1.67E-01	5.35E-03	1.59E-01	0.00E+00	0.00E+00	9.80E-01	1.81E-06	4.84E-04	1.49E-03	0.00E+00	-7.43E-05	1.78E-10	5.89E-09	6.08E-03	2.79E-01	0.00E+00	0.00E+00	7.77E-01	9.82E-04	1.32E+00	0.00E+00	1.08E-08	5.61E-09	4.17E-04	3.81E-08	1.39E-01	0.00E+00	1.32E+00	2.42E-07	1.32E+00	1.46E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	2.80E+01
	YZB316	1.87E-03	4.13E-01	1.04E-02	4.02E-01	0.00E+00	0.00E+00	2.20E+00	4.08E-06	8.27E-04	3.60E-03	0.00E+00	-1.26E-04	3.57E-10	9.97E-09	1.43E-02	5.75E-01	0.00E+00	0.00E+00	1.62E+00	1.71E-03	3.08E+00	0.00E+00	2.50E-08	1.21E-08	9.33E-04	7.28E-08	2.93E-01	0.00E+00	3.08E+00	6.05E-07	3.08E+00	3.37E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	5.72E+01
	YZC316	1.86E-03	4.11E-01	1.04E-02	3.99E-01	0.00E+00	0.00E+00	2.18E+00	4.00E-06	7.99E-04	3.56E-03	0.00E+00	-1.34E-04	3.57E-10	1.01E-08	1.42E-02	5.66E-01	0.00E+00	0.00E+00	1.62E+00	1.84E-03	3.07E+00	0.00E+00	2.50E-08	1.19E-08	9.33E-04	7.96E-08	2.92E-01	0.00E+00	3.07E+00	2.38E-07	3.07E+00	3.36E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	5.75E+01
	YZB320	2.81E-03	4.87E-01	1.68E-02	4.73E-01	0.00E+00	0.00E+00	2.58E+00	4.93E-06	1.24E-03	4.10E-03	0.00E+00	-2.44E-04	4.76E-10	1.50E-08	1.72E-02	7.31E-01	0.00E+00	0.00E+00	2.11E+00	3.26E-03	3.57E+00	0.00E+00	2.87E-08	1.49E-08	1.11E-03	1.22E-07	3.71E-01	0.00E+00	3.57E+00	7.46E-07	3.57E+00	3.93E+00	3.71E-01	0.00E+00	0.00E+00	0.00E+00	7.63E+01
	YZC320	2.51E-03	4.98E-01	1.40E-02	4.84E-01	0.00E+00	0.00E+00	2.81E+00	5.25E-06	1.18E-03	4.34E-03	0.00E+00	-2.22E-04	5.11E-10	1.42E-08	1.81E-02	7.50E-01	0.00E+00	0.00E+00	2.16E+00	2.98E-03	3.80E+00	0.00E+00	3.05E-08	1.51E-08	1.14E-03	1.10E-07	3.81E-01	0.00E+00	3.80E+00	7.15E-07	3.80E+00	4.18E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	7.74E+01
	YZB325	3.15E-03	4.98E-01	1.82E-02	4.79E-01	0.00E+00	0.00E+00	2.71E+00	5.29E-06	1.58E-03	4.21E-03	0.00E+00	-2.31E-04	5.11E-10	1.87E-08	1.84E-02	8.03E-01	0.00E+00	0.00E+00	2.27E+00	3.05E-03	3.96E+00	0.00E+00	3.21E-08	1.65E-08	1.17E-03	1.18E-07	3.98E-01	0.00E+00	3.96E+00	2.51E-07	3.96E+00	4.45E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00	8.23E+01
	YZC325	2.93E-03	5.08E-01	1.49E-02	4.93E-01	0.00E+00	0.00E+00	2.97E+00	5.54E-06	1.48E-03	4.45E-03	0.00E+00	-2.22E-04	5.44E-10	1.74E-08	1.89E-02	8.19E-01	0.00E+00	0.00E+00	2.32E+00	2.98E-03	3.98E+00	0.00E+00	3.19E-08	1.61E-08	1.19E-03	1.11E-07	4.09E-01	0.00E+00	3.98E+00	7.30E-07	3.98E+00	4.39E+00	4.09E-01	0.00E+00	0.00E+00	0.00E+00	8.35E+01
	VKS01SG	1.04E-03	1.86E-01	1.37E-02	1.73E-01	0.00E+00	0.00E+00	8.56E-01	1.53E-06	5.61E-04	1.54E-03	0.00E+00	-1.09E-03	4.08E-10	6.17E-09	5.76E-03	2.55E-01	1.83E-04	0.00E+00	6.77E-01	1.60E-02	1.20E+00	0.00E+00	9.75E-09	5.08E-09	4.08E-04	4.87E-07	1.22E-01	0.00E+00	1.20E+00	8.12E-08	1.20E+00	1.32E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
	VKS03SF	2.08E-03	3.70E-01	2.69E-02	3.43E-01	0.00E+00	0.00E+00	1.68E+00	3.02E-06	1.12E-03	3.05E-03	0.00E+00	-2.23E-03	5.72E-10	1.23E-08	1.12E-02	5.10E-01	1.83E-04	0.00E+00	1.35E+00	3.11E-02	2.39E+00	0.00E+00	1.95E-08	1.01E-08	8.11E-04	8.65E-07	2.41E-01	0.00E+00	2.39E+00	1.63E-07	2.39E+00	2.63E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	4.90E+01
	VKS04SD	3.78E-03	6.59E-01	5.41E-02	6.05E-01	0.00E+00	0.00E+00	3.37E+00	6.23E-06	1.97E-03	5.48E-03	0.00E+00	-4.67E-03	8.75E-10	2.31E-08	2.27E-02	9.92E-01	1.83E-04	0.00E+00	2.68E+00	6.33E-02	4.79E+00	0.00E+00	3.89E-08	1.97E-08	1.48E-03	1.67E-06	4.73E-01	0.00E+00	4.79E+00	3.74E-07	4.79E+00	5.26E+00	4.73E-01	0.00E+00	0.00E+00	0.00E+00	9.66E+01
	VKS05SK	6.16E-03	7.14E-01	5.49E-02	6.59E-01	0.00E+00	0.00E+00	4.26E+00	7.80E-06	3.68E-03	6.15E-03	0.00E+00	-4.12E-03	1.04E-09	4.11E-08	2.65E-02	1.37E+00	1.83E-04	0.00E+00	3.52E+00	5.60E-02	5.73E+00	0.00E+00	4.60E-08	2.47E-08	1.78E-03	1.50E-06	6.22E-01	0.00E+00	5.73E+00	4.64E-07	5.73E+00	6.35E+00	6.22E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
	VKS06SV	2.91E-03	3.85E-01	2.69E-02	3.58E-01	0.00E+00	0.00E+00	1.97E+00	3.54E-06	1.71E-03	3.26E-03	0.00E+00	-2.01E-03	6.26E-10	1.87E-08	1.25E-02	6.41E-01	1.83E-04	0.00E+00	1.65E+00	2.82E-02	2.69E+00	0.00E+00	2.18E-08	1.18E-08	9.08E-04	7.95E-07	2.92E-01	0.00E+00	2.69E+00	1.97E-07	2.69E+00	2.99E+00	2.92E-01	0.00E+00	0.00E+00	0.00E+00	6.03E+01
	VKS08SC	6.17E-03	7.17E-01	5.51E-02	6.62E-01	0.00E+00	0.00E+00	4.27E+00	7.81E-06	3.68E-03	6.17E-03	0.00E+00	-4.13E-03	1.04E-09	4.11E-08	2.66E-02	1.38E+00	1.83E-04	0.00E+00	3.53E+00	5.62E-02	5.74E+00	0.00E+00	4.61E-08	2.47E-08	1.78E-03	1.50E-06	6.23E-01	0.00E+00	5.74E+00	4.65E-07	5.74E+00	6.36E+00	6.23E-01	0.00E+00	0.00E+00	0.00E+00	1.29E+02
	VKS12SJ	1.04E-03	1.85E-01	1.28E-02	1.72E-01	0.00E+00	0.00E+00	8.57E-01	1.53E-06	5.60E-04	1.53E-03	0.00E+00	-9.76E-04	4.09E-10	6.17E-09	5.77E-03	2.55E-01	1.83E-04	0.00E+00	6.77E-01	1.45E-02	1.20E+00	0.00E+00	9.76E-09	5.08E-09	4.07E-04	4.51E-07	1.22E-01	0.00E+00	1.20E+00	9.47E-08	1.20E+00	1.33E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.45E+01
Module D	MBN116	-2.86E-03	5.22E-03	-4.04E-04	5.63E-03	0.00E+00	0.00E+00	-7.04E-01	-2.91E-04	-1.12E-04	-1.44E-03	0.00E+00	1.71E-20	-9.15E-10	-3.33E-08	9.55E-05	-5.39E-01	0.00E+00	0.00E+00	-8.46E-01	6.34E-20	-5.05E-01	0.00E+00	-5.30E-10	-8.86E-09	-5.73E-04	0.00E+00	-1.14E-01	0.00E+00	-5.05E-01	-8.92E-06	-5.05E-01	-6.19E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-3.70E+01
	HLE180S	-9.45E-03	-8.55E-03	2.79E-04	-8.23E-02	0.00E+00	0.00E+00	-2.51E+00	-9.97E-04	6.02E-05	-5.29E-03	0.00E+00	4.60E-20	-1.57E-09	-1.22E-07	-5.08E-03	-1.21E+00	0.00E+00	0.00E+00	-2.16E+00	1.53E-19	-3.59E-01	0.00E+00	3.15E-10	-2.09E-08	-1.37E-03	0.00E+00	-3.48E-01	0.00E+00	-3.59E-01	-2.67E-05	-3.59E-01	-6.90E-01	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	-9.16E+01
	HLE280S	-1.06E-02	-2.47E-02	1.01E-03	-6.37E-02	0.00E+00	0.00E+00	-2.50E+00	-1.49E-03	2.45E-04	-4.99E-03	0.00E+00	4.60E-20	-2.41E-09	-1.44E-07	-6.13E-03	-1.78E+00	0.00E+00	0.00E+00	-2.95E+00	1.53E-19	-2.25E-01	0.00E+00	5.77E-09	-2.94E-08	-1.51E-03	0.00E+00	-4.08E-01	0.00E+00	-2.25E-01	-3.64E-05	-2.25E-01	-6.25E-01	-4.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
	HLE290S	-1.53E-02	-1.23E-02	1.56E-03	-5.46E-02	0.00E+00	0.00E+00	-4.55E+00	-2.98E-03	3.07E-04	-1.32E-02	0.00E+00	4.60E-20	-3.00E-09	-2.94E-07	-7.63E-03	-2.59E+00	0.00E+00	0.00E+00	-4.43E+00	1.53E-19	-2.91E-01	0.00E+00	6.21E-09	-3.13E-08	-1.73E-03	0.00E+00	-5.45E-01	0.00E+00	-2.91E-01	-4.56E-05	-2.91E-01	-8.56E-01	-5.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+02
	HLE380S	-4.99E-02	1.31E-02	5.29E-03	-2.87E-02	0.00E+00	0.00E+00	-7.06E+00	-5.62E-03	-2.33E-03	-2.26E-02	0.00E+00	4.60E-20	-6.46E-09	-4.18E-07	-9.22E-03	-4.00E+00	0.00E+00	0.00E+00	-6.51E+00	1.53E-19	-1.81E-01	0.00E+00	1.11E-08	-8.71E-08	-6.78E-03	0.00E+00	-8.01E-01	0.00E+00	-1.81E-01	-1.34E-04	-1.81E-01	-9.46E-01	-8.01E-01	0.00E+00	0.00E+00	0.00E+00	-2.89E+02
	HLE390S	-5.25E-02	-1.13E-02	5.16E-03	-6.20E-02	0.00E+00	0.00E+00	-8.16E+00	-5.67E-03	-2.39E-03	-2.71E-02	0.00E+00	4.60E-20	-6.77E-09	-4.57E-07	-9.75E-03	-4.34E+00	0.00E+00	0.00E+00	-7.42E+00	1.53E-19	-8.11E-01	0.00E+00	1.11E-08	-9.34E-08	-7.25E-03	0.00E+00	-8.50E-01	0.00E+00	-8.11E-01	-1.42E-04	-8.11E-01	-1.88E+00	-8.50E-01	0.00E+00	0.00E+00	0.00E+00	-3.33E+02
	HLF180S	-9.85E-03	-8.55E-03	2.79E-04	-7.91E-02	0.00E+00	0.00E+00	-2.51E+00	-1.02E-03	1.37E-05	-5.37E-03	0.00E+00	4.60E-20	-1.65E-09	-1.21E-07	-4.98E-03	-1.29E+00	0.00E+00	0.00E+00	-2.15E+00	1.53E-19	-4.90E-01	0.00E+00	3.56E-10	-2.20E-08	-1.43E-03	0.00E+00	-3.68E-01	0.00E+00	-4.90E-01	-2.73E-05	-4.90E-01	-9.21E-01	-3.68E-01	0.00E+00	0.00E+00	0.00E+00	-9.09E+01
	HLF190S	-1.01E-02	-1.36E-02	2.29E-04	-8.24E-02	0.00E+00	0.00E+00	-2.52E+00	-1.00E-03	1.43E-04	-5.64E-03	0.00E+00	4.60E-20	-1.60E-09	-1.35E-07	-5.49E-03	-1.17E+00	0.00E+00	0.00E+00	-2.17E+00	1.53E-19	-7.25E-01	0.00E+00	-1.11E-09	-2.11E-08	-1.34E-03	0.00E+00	-3.53E-01	0.00E+00	-7.25E-01	-2.81E-05	-7.25E-01	-1.02E+00	-3.53E-01	0.00E+00	0.00E+00	0.00E+00	-9.11E+01
	HLF199S	-1.08E-02	1.21E-01	4.40E-04	5.12E-02	0.00E+00	0.00E+00	-2.12E+00	-1.41E-03	1.77E-05	-6.15E-03	0.00E+00	4.60E-20	-1.59E-09	-1.30E-07	-3.33E-03	-1.26E+00	0.00E+00	0.00E+00	-2.07E+00	1.53E-19	9.44E-01	0.00E+00	1.34E-09	-2.28E-08	-1.42E-03	0.00E+00	-3.14E-01	0.00E+00	9.44E-01	-3.01E-05	9.44E-01	3.37E-01	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-8.86E+01
	HLF280S	-1.07E-02	-2.39E-02	1.01E-03	-6.17E-02	0.00E+00	0.00E+00	-2.52E+00	-1.51E-03	2.54E-04	-4.97E-03	0.00E+00	4.60E-20	-2.41E-09	-1.38E-07	-5.83E-03	-1.87E+00	0.00E+00	0.00E+00	-2.86E+00	1.53E-19	-3.17E-01	0.00E+00	5.77E-09	-2.89E-08	-1.59E-03	0.00E+00	-4.71E-01	0.00E+00	-3.17E-01	-3.51E-05	-3.17E-01	-7.89E-01	-4.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+02
	HLF290S	-1.53E-02	-1.23E-02	1.81E-03	-5.25E-02	0.00E+00	0.00E+00	-4.51E+00	-2.82E-03	3.32E-04	-1.23E-02	0.00E+00	4.60E-20	-2.88E-09	-2.94E-07	-7.41E-03	-2.54E+00	0.00E+00	0.00E+00	-4.34E+00	1.53E-19	-7.51E-01	0.00E+00	4.98E-09	-3.05E-08	-1.76E-03	0.00E+00	-4.71E-01	0.00E+00	-7.51E-01	-4.57E-05	-7.51E-01	-1.19E+00	-4.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+02
	HLF299S	-9.30E-03	1.25E-01	1.93E-03	8.52E-02	0.00E+00	0.00E+00	-1.16E+00	-1.31E-03	-1.05E-04	-4.95E-03	0.00E+00	4.60E-20	-2.79E-09	-1.30E-07	-2.41E-03	-2.10E+00	0.00E+00	0.00E+00	-1.72E+00	1.53E-19	1.05E+00	0.00E+00	6.20E-09	-2.06E-08	-1.62E-03	0.00E+00	-2.61E-01	0.00E+00	1.05E+00	-4.16E-05	1.05E+00	4.26E-01	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-7.49E+01
	HLF380S	-5.05E-02	9.24E-03	5.29E-03	-3.17E-02	0.00E+00	0.00E+00	-7.88E+00	-5.72E-03	-2.33E-03	-2.26E-02	0.00E+00	4.60E-20	-6.60E-09	-4.33E-07	-9.22E-03	-5.18E+00	0.00E+00	0.00E+00	-7.25E+00	1.53E-19	-3.57E-01	0.00E+00	1.11E-08	-9.05E-08	-6.77E-03	0.00E+00	-9.93E-01	0.00E+00	-3.57E-01	-1.47E-04	-3.57E-01	-1.33E+00	-9.93E-01	0.00E+00	0.00E+00	0.00E+00	-3.25E+02
	HLF390S	-5.29E-02	1.29E-03	5.44E-03	-7.40E-02	0.00E+00	0.00E+00	-8.45E+00	-5.66E-03	-2.38E-03	-2.71E-02	0.00E+00	4.60E-20	-6.75E-09	-4.51E-07	-9.94E-03	-4.58E+00	0.00E+00	0.00E+00	-7.99E+00	1.53E-19	-1.20E+00	0.00E+00	8.75E-09	-9.58E-08	-7.36E-03	0.00E+00	-8.90E-01	0.00E+00	-1.20E+00	-1.39E-04	-1.20E+00	-2.12E+00	-8.90E-01	0.00E+00	0.00E+00	0.00E+00	-3.52E+02
	HLF399S	-2.89E-03	2.95E-01	6.34E-03	2.25E-01	0.00E+00	0.00E+00	2.19E-01	-7.99E-04	-2.37E-03	-3.70E-03	0.00E+00	4.60E-20	-5.47E-09	-1.02E-07	1.69E-03	-1.46E+00	0.00E+00	0.00E+00	-7.64E-01	1.53E-19	2.50E+00	0.00E+00	1.28E-08	-1.89E-08	-1.61E-03	0.00E+00	-8.94E-02	0.00E+00	2.50E+00	-4.45E-05	2.50E+00	2.59E+00	-8.94E-02	0.00E+00	0.00E+00	0.00E+00	-6.80E+01
	HMB180	-1.42E-02	-4.99E-02	-1.27E-04	-1.23E-01	0.00E+00	0.00E+00	-2.80E+00	-1.52E-03	1.27E-04	-7.83E-03	0.00E+00	4.60E-20	-1.96E-09	-1.74E-07	-2.27E-03	-1.89E+00	0.00E+00	0.00E+00	-2.43E+00	1.53E-19	-3.44E-01	0.00E+00	-2.18E-09	-2.75E-08	-2.42E-03	0.00E+00	-3.65E-01	0.00E+00	-3.44E-01	-4.75E-05	-3.44E-01	-7.05E-01	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
	HMB190	-1.43E-02	-4.51E-02	-2.28E-04	-9.07E-02	0.00E+00	0.00E+00	-3.14E+00	-1.56E-03	8.06E-04	-7.91E-03	0.00E+00	4.60E-20	-2.00E-09	-1.77E-07	-5.16E-03	-1.49E+00	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	-6.88E-01	0.00E+00	-2.52E-09	-2.83E-08	-2.34E-03	0.00E+00	-4.30E-01	0.00E+00	-6.88E-01	-4.79E-05	-6.88E-01	-1.09E+00	-4.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
	HMB199	-1.38E-02	9.97E-02	-5.47E-05	7.31E-02	0.00E+00	0.00E+00	-2.60E+00	-1.88E-03	6.51E-04	-8.63E-03	0.00E+00	4.60E-20	-2.03E-09	-1.75E-07	-3.00E-03	-1.65E+00	0.00E+00	0.00E+00	-2.32E+00	1.53E-19	1.11E+00	0.00E+00	-2.06E-10	-2.92E-08	-2.43E-03	0.00E+00	-3.88E-01	0.00E+00	1.11E+00	-5.09E-05	1.11E+00	4.31E-01	-3.88E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
	HMB280	-1.43E-02	3.97E-02	3.88E-04	1.19E-02	0.00E+00	0.00E+00	-3.04E+00	-2.12E-03	2.83E-04	-7.79E-03	0.00E+00	4.60E-20	-2.63E-09	-1.48E-07	-1.35E-03	-2.32E+00	0.00E+00	0.00E+00	-3.01E+00	1.53E-19	1.61E-01	0.00E+00	5.85E-09	-2.98E-08	-1.71E-03	0.00E+00	-3.55E-01	0.00E+00	1.61E-01	-4.80E-05	1.61E-01	-2.49E-01	-3.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
	HMB290	-1.61E-02	2.86E-02	1.54E-03	4.17E-02	0.00E+00	0.00E+00	-5.89E+00	-3.50E-03	1.79E-03	-1.07E-02	0.00E+00	4.60E-20	-3.07E-09	-2.95E-07	-8.01E-03	-3.15E+00	0.00E+00	0.00E+00	-5.23E+00	1.53E-19	-4.46E-01	0.00E+00	4.73E-09	-3.86E-08	-2.04E-03	0.00E+00	-5.49E-01	0.00E+00	-4.46E-01	-4.52E-05	-4.46E-01	-1.03E+00	-5.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+02
	HMB299	-7.94E-03	1.78E-01	1.79E-03	1.91E-01	0.00E+00	0.00E+00	-1.66E+00	-9.71E-04	1.03E-03	-3.82E-03	0.00E+00	4.60E-20	-2.80E-09	-1.26E-07	-2.35E-03	-2.47E+00	0.00E+00	0.00E+00	-2.00E+00	1.53E-19	1.31E+00	0.00E+00	6.17E-09	-2.55E-08	-1.74E-03	0.00E+00	-2.96E-01	0.00E+00	1.31E+00	-3.51E-05	1.31E+00	6.30E-01	-2.96E-01	0.00E+00	0.00E+00	0.00E+00	-7.72E+01
	HMB380	-6.55E-02	-1.23E+00	-2.08E-02	-1.21E+00	0.00E+00	0.00E+00	-1.72E+01	-6.36E-03	-3.35E-03	-4.22E-02	0.00E+00	7.36E-21	-1.38E-08	-7.40E-07	-6.56E-02	-8.69E+00	0.00E+00	0.00E+00	-1.68E+01	2.65E-20	-1.24E+01	0.00E+00	-5.61E-08	-1.76E-07	-1.34E-02	0.00E+00	-2.29E+00	0.00E+00	-1.24E+01	-1.89E-04	-1.24E+01	-1.47E+01	-2.29E+00	0.00E+00	0.00E+00	0.00E+00	-7.09E+02
	HMB480	1.04E-02	1.13E+00	4.22E-02	1.09E+00	0.00E+00	0.00E+00	9.68E+00	1.83E-05	6.11E-03	1.05E-02	0.00E+00	3.92E-19	1.54E-09	7.19E-08	4.98E-03	1.61E+00	0.00E+00	0.00E+00	6.64E+00	1.39E-18	1.13E+01	0.00E+00	9.44E-08	4.40E-08	3.07E-03	0.00E+00	8.52E-01	0.00E+00	1.13E+01	2.19E-06	1.13E+01	1.21E+01	8.52E-01	0.00E+00	0.00E+00	0.00E+00	2.40E+02
	HMB490	-8.46E-02	-1.18E+00	-1.74E-02	-1.16E+00	0.00E+00	0.00E+00	-1.99E+01	-8.34E-03	-4.06E-03	-5.15E-02	0.00E+00	8.93E-20	-1.56E-08	-9.67E-07	-6.37E-02	-1.09E+01	0.00E+00	0.00E+00	-1.90E+01	3.06E-19	-1.12E+01	0.00E+00	-4.46E-08	-2.01E-07	-1.59E-02	0.00E+00	-2.58E+00	0.00E+00	-1.12E+01	-2.45E-04	-1.12E+01	-1.38E+01	-2.58E+00	0.00E+00	0.00E+00	0.00E+00	-8.13E+02
	HMB499	9.16E-03	5.62E-01	3.81E-02	5.24E-01	0.00E+00	0.00E+00	9.27E+00	1.78E-05	5.67E-03	6.13E-03	0.00E+00	3.16E-19	1.43E-09	7.00E-08	-2.20E-03	-2.06E+00	0.00E+00	0.00E+00	6.19E+00	1.10E-18	9.44E+00	0.00E+00	7.66E-08	3.36E-08	2.04E-03	0.00E+00	2.53E-01	0.00E+00	9.44E+00	1.81E-06	9.44E+00	9.70E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	2.26E+02
	HMC180	-1.44E-02	-5.05E-02	-1.89E-04	-1.24E-01	0.00E+00	0.00E+00	-2.84E+00	-1.51E-03	-4.68E-05	-8.16E-03	0.00E+00	4.60E-20	-2.57E-09	-1.75E-07	-1.77E-03	-2.08E+00	0.00E+00	0.00E+00	-2.60E+00	1.53E-19	-4.78E-01	0.00E+00	-2.13E-09	-3.12E-08	-2.43E-03	0.00E+00	-4.25E-01	0.00E+00	-4.78E-01	-4.57E-05	-4.78E-01	-9.22E-01	-4.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
	HMC180T	-1.46E-02	-4.99E-02	-1.27E-04	-1.23E-01	0.00E+00	0.00E+00	-2.82E+00	-1.55E-03	-4.72E-05	-8.01E-03	0.00E+00	4.60E-20	-2.05E-09	-1.77E-07	-2.27E-03	-2.03E+00	0.00E+00	0.00E+00	-2.43E+00	1.53E-19	-5.38E-01	0.00E+00	-2.27E-09	-2.89E-08	-2.52E-03	0.00E+00	-3.93E-01	0.00E+00	-5.38E-01	-4.78E-05	-5.38E-01	-9.81E-01	-3.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
	HMC190	-1.47E-02	-4.99E-02	-3.42E-04	-8.74E-02	0.00E+00	0.00E+00	-3.18E+00	-1.63E-03	8.14E-04	-8.12E-03	0.00E+00	4.60E-20	-2.02E-09	-1.78E-07	-5.04E-03	-1.50E+00	0.00E+00	0.00E+00	-2.53E+00	1.53E-19	-1.11E+00	0.00E+00	-3.17E-09	-2.89E-08	-2.41E-03	0.00E+00	-4.35E-01	0.00E+00	-1.11E+00	-4.86E-05	-1.11E+00	-1.48E+00	-4.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
	HMC190T	-1.43E-02	-4.51E-02	-2.28E-04	-9.09E-02	0.00E+00	0.00E+00	-3.14E+00	-1.56E-03	8.14E-04	-7.87E-03	0.00E+00	4.60E-20	-2.00E-09	-1.77E-07	-5.16E-03	-1.49E+00	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	-1.10E+00	0.00E+00	-3.45E-09	-2.82E-08	-2.34E-03	0.00E+00	-4.32E-01	0.00E+00	-1.10E+00	-4.81E-05	-1.10E+00	-1.47E+00	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
	HMC199	-1.38E-02	9.97E-02	-5.47E-05	7.31E-02	0.00E+00	0.00E+00	-2.60E+00	-1.88E-03	6.60E-04	-8.63E-03	0.00E+00	4.60E-20	-2.03E-09	-1.75E-07	-3.00E-03	-1.65E+00	0.00E+00	0.00E+00	-2.32E+00	1.53E-19	6.82E-01	0.00E+00	-1.01E-09	-2.91E-08	-2.43E-03	0.00E+00	-3.90E-01	0.00E+00	6.82E-01	-5.12E-05	6.82E-01	5.26E-02	-3.90E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
	HMC199T	-1.38E-02	9.97E-02	-5.47E-05	7.31E-02	0.00E+00	0.00E+00	-2.60E+00	-1.88E-03	6.60E-04	-8.63E-03	0.00E+00	4.60E-20	-2.03E-09	-1.75E-07	-3.00E-03	-1.66E+00	0.00E+00	0.00E+00	-2.32E+00	1.53E-19	6.82E-01	0.00E+00	-9.24E-10	-2.89E-08	-2.43E-03	0.00E+00	-3.87E-01	0.00E+00	6.82E-01	-5.12E-05	6.82E-01	5.26E-02	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
	HMC280	-1.49E-02	4.05E-02	3.88E-04	1.37E-02	0.00E+00	0.00E+00	-3.07E+00	-2.14E-03	1.95E-04	-7.82E-03	0.00E+00	4.60E-20	-2.63E-09	-1.51E-07	-1.35E-03	-2.36E+00	0.00E+00	0.00E+00	-2.89E+00	1.53E-19	-4.27E-02	0.00E+00	5.85E-09	-2.90E-08	-1.78E-03	0.00E+00	-4.24E-01	0.00E+00	-4.27E-02	-4.87E-05	-4.27E-02	-5.47E-01	-4.24E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
	HMC280T	-1.55E-02	4.05E-02	3.88E-04	1.37E-02	0.00E+00	0.00E+00	-3.07E+00	-2.14E-03	1.95E-04	-8.56E-03	0.00E+00	4.60E-20	-2.63E-09	-1.51E-07	-1.35E-03	-2.37E+00	0.00E+00	0.00E+00	-2.89E+00	1.53E-19	-4.27E-02	0.00E+00	5.85E-09	-2.89E-08	-2.01E-03	0.00E+00	-4.24E-01	0.00E+00	-4.27E-02	-5.25E-05	-4.27E-02	-5.47E-01	-4.24E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
	HMC290	-1.46E-02	2.08E-02	1.54E-03	4.60E-02	0.00E+00	0.00E+00	-5.44E+00	-2.55E-03	1.92E-03	-1.05E-02	0.00E+00	4.60E-20	-2.92E-09	-2.93E-07	-7.80E-03	-3.03E+00	0.00E+00	0.00E+00	-4.87E+00	1.53E-19	-7.97E-01	0.00E+00	3.66E-09	-3.78E-08	-2.04E-03	0.00E+00	-5.02E-01	0.00E+00	-7.97E-01	-4.47E-05	-7.97E-01	-1.22E+00	-5.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.15E+02
	HMC290T	-2.00E-02	2.86E-02	1.50E-03	4.18E-02	0.00E+00	0.00E+00	-6.02E+00	-3.66E-03	1.77E-03	-1.13E-02	0.00E+00	4.60E-20	-3.56E-09	-2.95E-07	-8.05E-03	-3.34E+00	0.00E+00	0.00E+00	-5.40E+00	1.53E-19	-8.88E-01	0.00E+00	3.73E-09	-3.98E-08	-2.46E-03	0.00E+00	-6.23E-01	0.00E+00	-8.88E-01	-4.74E-05	-8.88E-01	-1.46E+00	-6.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
	HMC299	-8.47E-03	1.78E-01	1.74E-03	1.91E-01	0.00E+00	0.00E+00	-1.75E+00	-9.71E-04	1.05E-03	-3.89E-03	0.00E+00	4.60E-20	-2.77E-09	-1.26E-07	-2.24E-03	-2.46E+00	0.00E+00	0.00E+00	-2.05E+00	1.53E-19	8.29E-01	0.00E+00	5.17E-09	-2.52E-08	-1.85E-03	0.00E+00	-3.04E-01	0.00E+00	8.29E-01	-3.43E-05	8.29E-01	1.59E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-8.04E+01
	HMC299T	-8.47E-03	1.78E-01	1.74E-03	1.91E-01	0.00E+00	0.00E+00	-1.72E+00	-9.71E-04	1.05E-03	-3.89E-03	0.00E+00	4.60E-20	-2.77E-09	-1.26E-07	-2.24E-03	-2.46E+00	0.00E+00	0.00E+00	-2.05E+00	1.53E-19	8.29E-01	0.00E+00	5.17E-09	-2.52E-08	-1.85E-03	0.00E+00	-3.04E-01	0.00E+00	8.29E-01	-3.43E-05	8.29E-01	1.59E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-8.04E+01

HMC380	6.89E-03	4.16E-01	2.86E-02	3.87E-01	0.00E+00	0.00E+00	6.96E+00	1.33E-05	4.30E-03	4.55E-03	0.00E+00	2.37E-19	1.07E-09	5.30E-08	-7.94E-03	-1.50E+00	0.00E+00	0.00E+00	4.54E+00	8.24E-19	7.00E+00	0.00E+00	5.74E-08	2.48E-08	1.52E-03	0.00E+00	1.58E-01	0.00E+00	7.00E+00	1.36E-06	7.00E+00	7.16E+00	1.58E-01	0.00E+00	0.00E+00	0.00E+00	1.66E+02
HMC390	-6.09E-02	-1.10E-01	-2.05E-03	-1.08E-01	0.00E+00	0.00E+00	-1.21E+01	-6.17E-03	-2.46E-03	-3.18E-02	0.00E+00	1.85E-19	-8.92E-09	-7.13E-07	-3.73E-02	-6.00E+00	0.00E+00	0.00E+00	-1.14E+01	6.51E-19	-3.13E+00	0.00E+00	1.55E-09	-1.19E-07	-9.67E-03	0.00E+00	-1.36E+00	0.00E+00	-3.13E+00	-1.79E-04	-3.13E+00	-4.49E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-4.99E+02
HMC399	3.55E-03	-2.27E-01	1.27E-02	-2.40E-01	0.00E+00	0.00E+00	2.15E+00	-1.47E-04	3.68E-03	-2.14E-03	0.00E+00	1.22E-19	-3.72E-09	3.08E-08	1.25E-02	-1.54E+00	0.00E+00	0.00E+00	2.61E-02	4.19E-19	-7.78E-01	0.00E+00	9.90E-09	-2.22E-08	-1.30E-03	0.00E+00	-9.88E-02	0.00E+00	-7.78E-01	-7.81E-06	-7.78E-01	-8.77E-01	-9.88E-02	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
HMC480	-7.98E-02	-1.48E-01	5.39E-03	-1.54E-01	0.00E+00	0.00E+00	-1.35E+01	-8.17E-03	-3.20E-03	-4.16E-02	0.00E+00	2.79E-19	-9.17E-09	-9.42E-07	2.08E-02	-8.13E+00	0.00E+00	0.00E+00	-1.12E+01	9.27E-19	1.02E+00	0.00E+00	2.17E-08	-1.28E-07	-1.18E-02	0.00E+00	-1.18E+00	0.00E+00	1.02E+00	-2.34E-04	1.02E+00	-1.56E-01	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-5.11E+02
HMC490	8.55E-03	8.12E-01	3.28E-02	7.79E-01	0.00E+00	0.00E+00	6.69E+00	-8.24E-05	5.77E-03	6.92E-03	0.00E+00	3.33E-19	-1.31E-09	5.83E-08	4.11E-02	1.89E+00	0.00E+00	0.00E+00	4.15E+00	1.17E-18	6.77E+00	0.00E+00	6.54E-08	1.67E-08	1.44E-03	0.00E+00	8.72E-01	0.00E+00	6.77E+00	-3.65E-06	6.77E+00	7.64E+00	8.72E-01	0.00E+00	0.00E+00	0.00E+00	1.40E+02
HMC499	-7.78E-02	3.79E-01	8.58E-03	3.70E-01	0.00E+00	0.00E+00	-1.30E+01	-8.07E-03	-2.82E-03	-3.70E-02	0.00E+00	3.44E-19	-8.97E-09	-9.29E-07	2.55E-02	-7.24E+00	0.00E+00	0.00E+00	-1.08E+01	1.18E-18	2.10E+00	0.00E+00	3.37E-08	-1.20E-07	-1.08E-02	0.00E+00	-1.01E+00	0.00E+00	2.10E+00	-2.31E-04	2.10E+00	1.09E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-4.98E+02
HMD180	-1.45E-02	-4.99E-02	-1.84E-04	-1.23E-01	0.00E+00	0.00E+00	-2.68E+00	-1.49E-03	-5.37E-05	-7.96E-03	0.00E+00	4.60E-20	-2.03E-09	-1.71E-07	-2.01E-03	-1.98E+00	0.00E+00	0.00E+00	-2.41E+00	1.53E-19	-1.46E-01	0.00E+00	-2.18E-09	-2.84E-08	-2.42E-03	0.00E+00	-3.51E-01	0.00E+00	-1.46E-01	-4.64E-05	-1.46E-01	-5.49E-01	-3.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
HMD180T	-1.46E-02	-4.99E-02	-1.27E-04	-1.23E-01	0.00E+00	0.00E+00	-2.75E+00	-1.55E-03	-4.72E-05	-8.03E-03	0.00E+00	4.60E-20	-2.05E-09	-1.77E-07	-2.21E-03	-2.03E+00	0.00E+00	0.00E+00	-2.43E+00	1.53E-19	-1.68E-01	0.00E+00	-2.18E-09	-2.89E-08	-2.52E-03	0.00E+00	-3.69E-01	0.00E+00	-1.68E-01	-4.75E-05	-1.68E-01	-6.08E-01	-3.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
HMD190	-1.47E-02	-4.51E-02	-2.28E-04	-9.07E-02	0.00E+00	0.00E+00	-3.06E+00	-1.59E-03	6.39E-04	-8.06E-03	0.00E+00	4.60E-20	-2.09E-09	-1.74E-07	-4.99E-03	-1.65E+00	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	-5.45E-01	0.00E+00	-2.42E-09	-2.94E-08	-2.39E-03	0.00E+00	-4.31E-01	0.00E+00	-5.45E-01	-4.88E-05	-5.45E-01	-9.82E-01	-4.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
HMD190T	-1.47E-02	-4.51E-02	-2.28E-04	-8.95E-02	0.00E+00	0.00E+00	-3.06E+00	-1.59E-03	6.39E-04	-8.07E-03	0.00E+00	4.60E-20	-2.09E-09	-1.77E-07	-4.99E-03	-1.63E+00	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	-5.55E-01	0.00E+00	-2.42E-09	-2.94E-08	-2.43E-03	0.00E+00	-4.32E-01	0.00E+00	-5.55E-01	-4.88E-05	-5.55E-01	-1.00E+00	-4.32E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
HMD199	-1.41E-02	9.47E-02	-2.52E-04	8.52E-02	0.00E+00	0.00E+00	-2.61E+00	-2.04E-03	5.17E-04	-8.97E-03	0.00E+00	4.60E-20	-2.15E-09	-1.75E-07	-2.75E-03	-1.81E+00	0.00E+00	0.00E+00	-2.33E+00	1.53E-19	1.26E+00	0.00E+00	-6.95E-11	-3.15E-08	-2.60E-03	0.00E+00	-3.97E-01	0.00E+00	1.26E+00	-5.21E-05	1.26E+00	5.23E-01	-3.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
HMD199T	-1.37E-02	1.01E-01	-8.76E-05	8.65E-02	0.00E+00	0.00E+00	-2.53E+00	-2.03E-03	5.38E-04	-8.77E-03	0.00E+00	4.60E-20	-2.12E-09	-1.72E-07	-2.81E-03	-1.79E+00	0.00E+00	0.00E+00	-2.32E+00	1.53E-19	1.27E+00	0.00E+00	-2.07E-10	-3.05E-08	-2.53E-03	0.00E+00	-3.92E-01	0.00E+00	1.27E+00	-5.12E-05	1.27E+00	5.36E-01	-3.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
HMD280	-1.55E-02	3.97E-02	3.88E-04	1.27E-02	0.00E+00	0.00E+00	-2.93E+00	-2.14E-03	1.95E-04	-8.65E-03	0.00E+00	4.60E-20	-2.63E-09	-1.51E-07	-1.28E-03	-2.39E+00	0.00E+00	0.00E+00	-2.79E+00	1.53E-19	3.40E-01	0.00E+00	5.85E-09	-3.00E-08	-2.02E-03	0.00E+00	-3.54E-01	0.00E+00	3.40E-01	-5.25E-05	3.40E-01	-1.04E-01	-3.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
HMD280T	-1.55E-02	3.97E-02	3.88E-04	1.27E-02	0.00E+00	0.00E+00	-2.93E+00	-2.14E-03	1.95E-04	-8.58E-03	0.00E+00	4.60E-20	-2.63E-09	-1.51E-07	-1.29E-03	-2.39E+00	0.00E+00	0.00E+00	-2.79E+00	1.53E-19	3.40E-01	0.00E+00	5.85E-09	-3.00E-08	-2.02E-03	0.00E+00	-3.54E-01	0.00E+00	3.40E-01	-5.25E-05	3.40E-01	-1.04E-01	-3.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
HMD290	-1.46E-02	2.93E-02	1.54E-03	4.42E-02	0.00E+00	0.00E+00	-5.63E+00	-2.76E-03	1.77E-03	-1.06E-02	0.00E+00	4.60E-20	-2.95E-09	-2.94E-07	-7.84E-03	-3.11E+00	0.00E+00	0.00E+00	-4.95E+00	1.53E-19	-3.13E-01	0.00E+00	4.73E-09	-3.82E-08	-2.13E-03	0.00E+00	-5.51E-01	0.00E+00	-3.13E-01	-4.47E-05	-3.13E-01	-9.70E-01	-5.51E-01	0.00E+00	0.00E+00	0.00E+00	-2.17E+02
HMD290T	-2.06E-02	2.86E-02	1.45E-03	4.20E-02	0.00E+00	0.00E+00	-5.89E+00	-4.29E-03	1.77E-03	-1.13E-02	0.00E+00	4.60E-20	-3.65E-09	-3.00E-07	-7.85E-03	-3.44E+00	0.00E+00	0.00E+00	-5.19E+00	1.53E-19	-4.29E-01	0.00E+00	4.80E-09	-4.10E-08	-3.63E-03	0.00E+00	-6.45E-01	0.00E+00	-4.29E-01	-5.03E-05	-4.29E-01	-1.16E+00	-6.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+02
HMD299	-8.47E-03	1.78E-01	1.74E-03	2.13E-01	0.00E+00	0.00E+00	-1.48E+00	-1.31E-03	1.01E-03	-4.10E-03	0.00E+00	4.60E-20	-3.19E-09	-1.22E-07	-2.07E-03	-2.46E+00	0.00E+00	0.00E+00	-1.67E+00	1.53E-19	1.41E+00	0.00E+00	6.24E-09	-2.64E-08	-2.37E-03	0.00E+00	-3.27E-01	0.00E+00	1.41E+00	-3.37E-05	1.41E+00	6.48E-01	-3.27E-01	0.00E+00	0.00E+00	0.00E+00	-6.80E+01
HMD299T	-8.52E-03	1.78E-01	1.74E-03	2.13E-01	0.00E+00	0.00E+00	-1.36E+00	-9.82E-04	9.97E-04	-4.10E-03	0.00E+00	4.60E-20	-3.25E-09	-1.22E-07	-2.09E-03	-2.49E+00	0.00E+00	0.00E+00	-1.64E+00	1.53E-19	1.47E+00	0.00E+00	6.24E-09	-2.69E-08	-1.98E-03	0.00E+00	-3.42E-01	0.00E+00	1.47E+00	-3.37E-05	1.47E+00	7.64E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-6.59E+01
HMD380T	5.51E-03	1.21E-01	2.16E-02	9.98E-02	0.00E+00	0.00E+00	4.74E+00	-6.12E-05	4.05E-03	1.59E-03	0.00E+00	1.91E-19	-1.03E-09	4.31E-08	2.54E-02	-2.90E+00	0.00E+00	0.00E+00	2.83E+00	6.49E-19	3.67E+00	0.00E+00	3.50E-08	3.98E-09	2.56E-04	0.00E+00	-1.86E-02	0.00E+00	3.67E+00	-2.94E-06	3.67E+00	3.65E+00	-1.86E-02	0.00E+00	0.00E+00	0.00E+00	9.63E+01
HMD390T	4.35E-03	1.45E-01	1.54E-02	1.29E-01	0.00E+00	0.00E+00	2.39E+00	-1.46E-04	3.96E-03	8.80E-04	0.00E+00	1.76E-19	-3.67E-09	3.17E-08	1.70E-02	-1.77E+00	0.00E+00	0.00E+00	2.42E-01	6.25E-19	3.31E-01	0.00E+00	2.12E-08	-1.68E-08	-6.04E-04	0.00E+00	-9.55E-02	0.00E+00	3.31E-01	-7.65E-06	3.31E-01	2.36E-01	-9.55E-02	0.00E+00	0.00E+00	0.00E+00	-6.97E+00
HMD399T	6.80E-03	4.08E-01	2.83E-02	3.79E-01	0.00E+00	0.00E+00	6.93E+00	1.33E-05	4.24E-03	4.44E-03	0.00E+00	2.34E-19	1.03E-09	5.24E-08	-7.98E-03	-7.17E-01	0.00E+00	0.00E+00	4.48E+00	8.12E-19	7.01E+00	0.00E+00	5.74E-08	2.50E-08	1.50E-03	0.00E+00	2.65E-01	0.00E+00	7.01E+00	1.35E-06	7.01E+00	7.28E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	1.63E+02
HMF180	-1.45E-02	-4.99E-02	-1.84E-04	-1.23E-01	0.00E+00	0.00E+00	-2.75E+00	-1.49E-03	-5.37E-05	-7.96E-03	0.00E+00	4.60E-20	-2.03E-09	-1.71E-07	-2.08E-03	-1.98E+00	0.00E+00	0.00E+00	-2.41E+00	1.53E-19	-5.16E-01	0.00E+00	-2.18E-09	-2.84E-08	-2.42E-03	0.00E+00	-3.71E-01	0.00E+00	-5.16E-01	-4.64E-05	-5.16E-01	-9.23E-01	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
HMF180T	-2.12E-02	-2.77E-01	-4.04E-03	-2.73E-01	0.00E+00	0.00E+00	-4.96E+00	-2.10E-03	-1.00E-03	-1.28E-02	0.00E+00	3.01E-20	-3.89E-09	-2.43E-07	-2.81E-03	-3.05E+00	0.00E+00	0.00E+00	-4.53E+00	9.61E-20	-2.59E+00	0.00E+00	-1.08E-08	-4.95E-08	-3.94E-03	0.00E+00	-6.15E-01	0.00E+00	-2.59E+00	-6.16E-05	-2.59E+00	-3.21E+00	-6.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+02
HMF190	-1.45E-02	-4.47E-02	-2.61E-04	-8.73E-02	0.00E+00	0.00E+00	-3.10E+00	-1.61E-03	8.38E-04	-7.96E-03	0.00E+00	4.60E-20	-1.99E-09	-1.78E-07	-5.11E-03	-1.45E+00	0.00E+00	0.00E+00	-2.50E+00	1.53E-19	-1.10E+00	0.00E+00	-3.39E-09	-2.85E-08	-2.35E-03	0.00E+00	-4.30E-01	0.00E+00	-1.10E+00	-4.81E-05	-1.10E+00	-1.47E+00	-4.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
HMF190T	6.18E-04	-1.91E-01	1.71E-03	-1.93E-01	0.00E+00	0.00E+00	-2.40E-02	-7.50E-05	1.13E-03	-1.88E-03	0.00E+00	2.16E-20	-1.98E-09	6.79E-09	5.22E-04	-5.11E-01	0.00E+00	0.00E+00	-8.15E-01	7.37E-20	-1.58E+00	0.00E+00	-4.18E-09	-1.55E-08	-9.11E-04	0.00E+00	-1.14E-01	0.00E+00	-1.58E+00	-4.08E-06	-1.58E+00	-1.69E+00	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
HMF199	-1.34E-02	9.97E-02	2.31E-05	7.30E-02	0.00E+00	0.00E+00	-2.50E+00	-1.80E-03	6.66E-04	-8.46E-03	0.00E+00	4.60E-20	-2.01E-09	-1.68E-07	-2.80E-03	-1.66E+00	0.00E+00	0.00E+00	-2.28E+00	1.53E-19	7.03E-01	0.00E+00	-9.24E-10	-2.83E-08	-2.30E-03	0.00E+00	-3.73E-01	0.00E+00	7.03E-01	-4.81E-05	7.03E-01	9.13E-02	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
HMF199T	-1.38E-02	9.97E-02	-5.47E-05	7.31E-02	0.00E+00	0.00E+00	-2.60E+00	-1.88E-03	6.60E-04	-8.63E-03	0.00E+00	4.60E-20	-2.03E-09	-1.75E-07	-3.00E-03	-1.66E+00	0.00E+00	0.00E+00	-2.32E+00	1.53E-19	6.82E-01	0.00E+00	-9.24E-10	-2.89E-08	-2.43E-03	0.00E+00	-3.87E-01	0.00E+00	6.82E-01	-5.12E-05	6.82E-01	5.26E-02	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
HMF280	-1.55E-02	4.05E-02	3.88E-04	1.07E-02	0.00E+00	0.00E+00	-3.08E+00	-2.14E-03	1.93E-04	-8.63E-03	0.00E+00	4.60E-20	-2.64E-09	-1.51E-07	-1.29E-03	-2.37E+00	0.00E+00	0.00E+00	-2.89E+00	1.53E-19	-4.27E-02	0.00E+00	5.92E-09	-2.89E-08	-2.01E-03	0.00E+00	-4.24E-01	0.00E+00	-4.27E-02	-5.25E-05	-4.27E-02	-5.47E-01	-4.24E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
HMF280T	1.10E-03	-4.16E-01	3.10E-03	-4.19E-01	0.00E+00	0.00E+00	-2.72E-02	-1.48E-04	2.27E-03	-3.96E-03	0.00E+00	3.20E-20	-3.93E-09	1.37E-08	-2.47E-02	-1.67E+00	0.00E+00	0.00E+00	-2.02E+00	1.23E-19	-3.47E+00	0.00E+00	-8.25E-09	-3.27E-08	-1.86E-03	0.00E+00	-4.71E-01	0.00E+00	-3.47E+00	-8.02E-06	-3.47E+00	-3.94E+00	-4.71E-01	0.00E+00	0.00E+00	0.00E+00	-8.67E+01
HMF290	-1.61E-02	2.86E-02	1.50E-03	4.18E-02	0.00E+00	0.00E+00	-5.91E+00	-3.48E-03	1.80E-03	-1.07E-02	0.00E+00	4.60E-20	-3.04E-09	-2.95E-07	-7.92E-03	-3.12E+00	0.00E+00	0.00E+00	-5.24E+00	1.53E-19	-8.98E-01	0.00E+00	3.66E-09	-3.83E-08	-2.27E-03	0.00E+00	-5.50E-01	0.00E+00	-8.98E-01	-4.65E-05	-8.98E-01	-1.47E+00	-5.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.29E+02
HMF290T	-2.06E-02	2.95E-02	1.45E-03	3.97E-02	0.00E+00	0.00E+00	-6.16E+00	-4.25E-03	1.80E-03	-1.13E-02	0.00E+00	4.60E-20	-3.59E-09	-3.01E-07	-7.93E-03	-3.36E+00	0.00E+00	0.00E+00	-5.46E+00	1.53E-19	-1.05E+00	0.00E+00	3.73E-09	-4.06E-08	-3.54E-03	0.00E+00	-6.47E-01	0.00E+00	-1.05E+00	-5.03E-05	-1.05E+00	-1.63E+00	-6.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+02
HMF299	-8.51E-03	1.78E-01	1.70E-03	1.89E-01	0.00E+00	0.00E+00	-1.89E+00	-1.32E-03	1.03E-03	-4.05E-03	0.00E+00	4.60E-20	-3.25E-09	-1.26E-07	-1.82E-03	-2.44E+00	0.00E+00	0.00E+00	-2.14E+00	1.53E-19	7.46E-01	0.00E+00	5.17E-09	-2.68E-08	-2.33E-03	0.00E+00	-3.60E-01	0.00E+00	7.46E-01	-3.43E-05	7.46E-01	6.62E-02	-3.60E-01	0.00E+00	0.00E+00	0.00E+00	-8.66E+01
HMF299T	-8.47E-03	1.78E-01	1.74E-03	1.91E-01	0.00E+00	0.00E+00	-1.72E+00	-9.71E-04	1.05E-03	-3.89E-03	0.00E+00	4.60E-20	-2.77E-09	-1.26E-07	-2.34E-03	-2.46E+00	0.00E+00	0.00E+00	-2.05E+00	1.53E-19	8.29E-01	0.00E+00	5.10E-09	-2.52E-08	-1.85E-03	0.00E+00	-3.04E-01	0.00E+00	8.29E-01	-3.43E-05	8.29E-01	1.59E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-8.04E+01
HMF380	-5.93E-02	2.04E-01	5.88E-03	1.98E-01	0.00E+00	0.00E+00	-1.00E+01	-6.13E-03	-2.18E-03	-2.86E-02	0.00E+00	2.54E-19	-6.84E-09	-7.06E-07	1.85E-02	-7.44E+00	0.00E+00	0.00E+00	-8.29E+00	8.65E-19	1.33E+00	0.00E+00	2.31E-08	-9.34E-08	-8.31E-03	0.00E+00	-1.06E+00	0.00E+00	1.33E+00	-1.76E-04	1.33E+00	2.66E-01	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-3.81E+02
HMF380T	-6.03E-02	-1.77E-01	3.17E-03	-1.80E-01	0.00E+00	0.00E+00	-1.02E+01	-6.13E-03	-2.45E-03	-3.17E-02	0.00E+00	1.96E-19	-6.90E-09	-7.07E-07	-2.98E-02	-7.13E+00	0.00E+00	0.00E+00	-9.18E+00	6.64E-19	-1.20E-01	0.00E+00	1.42E-08	-1.01E-07	-9.03E-03	0.00E+00	-1.31E+00	0.00E+00	-1.20E-01	-1.76E-04	-1.20E-01	-1.43E+00	-1.31E+00	0.00E+00	0.00E+00	0.00E+00	-4.12E+02
HMF390	-6.08E-02	-8.56E-02	-1.82E-03	-8.38E-02	0.00E+00	0.00E+00	-1.21E+01	-6.17E-03	-2.45E-03	-3.16E-02	0.00E+00	1.88E-19	-8.92E-09	-7.12E-07	-3.68E-02	-5.25E+00	0.00E+00	0.00E+00	-1.13E+01	6.63E-19	-2.98E+00	0.00E+00	2.82E-09	-1.18E-07	-9.62E-03	0.00E+00	-1.24E+00	0.00E+00	-2.98E+00	-1.79E-04	-2.98E+00	-4.22E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-4.97E+02
HMF399T	3.63E-03	-1.97E-01	1.30E-02	-2.10E-01	0.00E+00	0.00E+00	2.19E+00	-1.46E-04	3.69E-03	-1.95E-03	0.00E+00	1.26E-19	-3.71E-09	3.09E-08	1.32E-02	-5.65E-01	0.00E+00	0.00E+00	8.05E-02	4.34E-19	-5.81E-01	0.00E+00	1.15E-08	-2.10E-08	-1.25E-03	0.00E+00	4.98E-02	0.00E+00	-5.81E-01	-7.73E-06	-5.81E-01	-5.31E-01	4.98E-02	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
HMF480	-8.48E-02	-1.16E+00	-1.70E-02	-1.14E+00	0.00E+00	0.00E+00	-2.00E+01	-8.39E-03	-4.05E-03	-5.15E-02	0.00E+00	1.02E-19	-1.56E-08	-9.72E-07	-1.32E-02	-1.23E+01	0.00E+00	0.00E+00	-1.83E+01	3.27E-19	-1.07E+01	0.00E+00	-4.58E-08	-1.99E-07	-1.59E-02	0.00E+00	-2.49E+00	0.00E+00	-1.07E+01	-2.47E-04	-1.07E+01	-1.32E+01	-2.49E+00	0.00E+00	0.00E+00	0.00E+00	-7.90E+02
HMF490	-8.10E-02	-9.69E-02	-2.27E-03	-9.46E-02	0.00E+00	0.00E+00	-1.61E+01	-8.22E-03	-3.26E-03	-4.21E-02	0.00E+00	2.52E-19	-1.19E-08	-9.50E-07	-4.05E-02	-6.68E+00	0.00E+00	0.00E+00	-1.50E+01	8.89E-19	-3.81E+00	0.00E+00	4.27E-09	-1.56E-07	-1.28E-02	0.00E+00	-1.56E+00	0.00E+00	-3.81E+00	-2.38E-04	-3.81E+00	-5.37E+00	-1.56E+00	0.00E+00	0.00E+00	0.00E+00	-6.58E+02
HMF499	1.06E-02	1.21E+00	4.25E-02	1.17E+00	0.00E+00	0.00E+00	9.60E+00	1.78E-05	6.09E-03	1.11E-02	0.00E+00	4.06E-19	1.54E-09	7.16E-08	5.53E-02	1.10E+00	0.00E+00	0.00E+00	7.33E+00	1.42E-18	1.17E+01	0.00E+00	9.29E-08	4.68E-08	3.20E-03	0.00E+00	1.07E+00	0.00E+00	1.17E+01	1.96E-06	1.17E+01	1.28E+01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+02
HMX110	1.70E-03	2.27E-01	6.81E-03	2.20E-01	0.00E+00	0.00E+00	1.39E+00	-1.54E-05	1.07E-03	1.93E-03	0.00E+00	7.57E-20	-5.45E-11	1.03E-08	9.41E-03	4.17E-01	0.00E+00	0.00E+00	9.60E-01	2.65E-19	1.77E+00	0.00E+00	1.57E-08	5.91E-09	4.70E-04	0.00E+00	1.91E-01	0.00E+00	1.77E+00	-4.84E-07	1.77E+00	1.96E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	3.31E+01
HMX116	-9.34E-03	3.78E-05	5.31E-04	-7.00E-02	0.00E+00	0.00E+00	-2.15E+00	-8.57E-04	8.54E-05	-4.99E-03	0.00E+00	4.60E-20	-1.23E-09	-1.04E-07	-3.90E-03	-1.34E+00	0.00E+00	0.00E+00	-1.79E+00	1.53E-19	-3.09E-01	0.00E+00	1.89E-09	-1.98E-08	-1.28E-03	0.00E+00	-3.40E-01	0.00E+00	-3.09E-01	-1.71E-05	-3.09E-01	-8.04E-01	-3.40E-01	0.00E+00	0.00E+00	0.00E+00	-7.71E+01
HMX120	-8.70E-03	9.77E-05	5.11E-04	-6.67E-02	0.00E+00	0.00E+00	-2.15E+00	-8.56E-04	1.14E-04	-4.62E-03	0.00E+00	4.60E-20	-1.17E-09	-1.05E-07	-4.62E-03	-1.21E+00	0.00E+00	0.00E+00	-1.77E+00	1.53E-19	-1.33E-01	0.00E+00	1.74E-09	-1.85E-08	-1.11E-03	0.00E+00	-3.17E-01	0.00E+00	-1.33E-01	-1.73E-05	-1.33E-01	-5.20E-01	-3.17E-01	0.00E+00	0.00E+00	0.00E+00	-7.50E+01
HMX125	-8.78E-03	3.18E-02	5.54E-04	-3.38E-02	0.00E+00	0.00E+00	-2.29E+00	-8.55E-04	8.84E-05	-4.78E-03	0.00E+00	4.60E-20	-1.69E-09	-1.07E-07	-5.09E-03	-1.29E+00	0.00E+00	0.00E+00	-2.06E+00	1.53E-19	5.61E-02	0.00E+00	1.21E-09	-2.11E-08	-1.32E-03	0.00E+00	-3.87E-01	0.00E+00	5.61E-02	-1.71E-05	5.61E-02	-3.77E-01	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	-9.07E+01
HMX132	-8.74E-03	3.27E-02	5.54E-04	-3.04E-02	0.00E+00	0.00E+00	-2.12E+00	-8.44E-04	1.14E-04	-4.69E-03	0.00E+00	4.60E-20	-1.21E-09	-1.04E-07	-5.00E-03	-1.21E+00	0.00E+00	0.00E+00	-1.83E+00	1.53E-19	2.57E-02	0.00E+00	1.74E-09	-1.86E-08	-1.16E-03	0.00E+00	-3.32E-01	0.00E+00	2.57E-02	-1.70E-05	2.57E-02	-3.85E-01	-3.32E-01	0.00E+00	0.00E+00	0.00E+00	-7.82E+01
HMX150	-8.20E-03	6.74E-03	5.87E-04	-7.64E-02	0.00E+00	0.00E+00	-2.40E+00	-9.20E-04	7.64E-05	-4.58E-03	0.00E+00	4.60E-20	-1.36E-09	-9.88E-08	-5.45E-03	-1.31E+00	0.00E+00	0.00E+00	-1.92E+00	1.53E-19	-2.31E-01	0.00E+00	1.43E-09	-1.81E-08	-1.32E-03	0.00E+00	-3.35E-01	0.00E+00	-2.31E-01	-2.15E-05	-2.31E-01	-5.68E-01	-3.35E-01	0.00E+00	0.00E+00	0.00E+00	-8.41E+01
HMX163	-9.52E-03	-1.42E-03	5.64E-04	-8.06E-02	0.00E+00	0.00E+00	-2.71E+00	-1.02E-03	4.77E-05	-5.33E-03	0.00E+00	4.60E-20	-2.06E-09	-1.20E-07	-4.53E-03	-1.40E+00	0.00E+00	0.00E+00	-2.34E+00	1.53E-19	-2.96E-01	0.00E+00	5.58E-10	-2.25E-08	-1.53E-03	0.00E+00	-4.15E-01	0.00E+00	-2.96E-01	-2.66E-05	-2.96E-01	-6.23E-01	-4.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
HMX216	-1.29E-02	-3.51E-02	4.48E-04	-8.22E-02	0.00E+00	0.00E+00	-2.52E+00	-1.51E-03	-4.30E-05	-7.08E-03	0.00E+00	4.60E-20	-2.56E-09	-1.69E-07	-4.03E-03	-1.77E+00	0.00E+00	0.00E+00	-2.68E+00	1.53E-19	-5.75E-01	0.00E+00	1.71E-09	-3.08E-08	-2.04E-03	0.00E+00	-4.96E-01	0.00E+00	-5.75E-01	-3.79E-05	-5.75E-01	-1.10E+00	-4.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
HMX220	-1.30E-02	-1.41E-02	4.80E-04	-5.63E-02	0.00E+00	0.00E+00	-2.69E+00	-1.47E-03	1.98E-05	-6.67E-03	0.00E+00	4.60E-20	-2.36E-09	-1.58E-07	-3.32E-03	-1.87E+00	0.00E+00	0.00E+00	-2.92E+00	1.53E-19	-4.64E-01	0.00E+00	1.02E-09	-3.23E-08	-1.87E-03	0.00E+00	-5.23E-01	0.00E+00	-4.64E-01	-3.31E-05	-4.64E-01	-9.27E-01	-5.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
HMX225	-1.29E-02	3.09E-02	1.08E-03	3.84E-03	0.00E+00	0.00E+00	-2.40E+00	-1.45E-03	3.40E-06	-6.42E-03	0.00E+00	4.60E-20	-1.98E-09	-1.50E-07	-4.80E-03	-1.70E+00	0.00E+00	0.00E+00	-2.59E+00	1.53E-19	-4.27E-02	0.00E+00	1.91E-09	-2.90E-08	-1.58E-03	0.00E+00	-4.08E-01	0.00E+00	-4.27E-02	-3.17E-05	-4.27E-02	-4.80E-01	-4.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
HMX232	-1.29E-02	4.33E-03	7.51E-04	-2.27E-02	0.00E+00	0.00E+00	-2.49E+00	-1.52E-03	9.27E-06	-6.88E-03	0.00E+00	4.60E-20	-2.19E-09	-1.66E-07	-3.43E-03	-1.69E+00	0.00E+00	0.00E+00	-2.73E+00	1.53E-19	-1.75E-01	0.00E+00	1.57E-09	-3.18E-08	-1.83E-03	0.00E+00	-4.19E-01	0.00E+00	-1.75E-01	-3.60E-05	-1.75E-01	-6.31E-01	-4.19E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
HMX240	-1.29E-02	-4.08E-02	2.76E-04	-8.36E-02	0.00E+00	0.00E+00	-2.63E+00	-1.50E-03	2.62E-05	-7.06E-03	0.00E+00	4.60E-20	-2.57E-09	-1.62E-07	-4.38E-03	-1.76E+00	0.00E+00	0.00E+00	-2.86E+00	1.53E-19	-4.52E-01	0.00E+00	1.25E-09	-3.27E-08	-1.76E-03	0.00E+00	-4.52E-01	0.00E+00	-4.52E-01	-3.50E-05	-4.52E-01	-9.66E-01	-4.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
HMX250	-1.08E-02	-4.61E-02	1.79E-04	-7.49E-02	0.00E+00	0.00E+00	-2.78E+00	-1.29E-03	6.49E-05	-6.01E-03	0.00E+00	4.60E-20	-2.74E-09	-1.21E-07	-4.62E-03	-1.87E+00	0.00E+00	0.00E+00	-2.98E+00	1.53E-19	-7.69E-01	0.00E+00	7.08E-10	-3.16E-08	-1.78E-03	0.00E+00	-4.73E-01	0.00E+00	-7.69E-01	-3.17E-05	-7.69E-01	-1.09E+00	-4.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
HMX263	-1.11E-02	-2.82E-02	3.20E-04	-6.82E-02	0.00E+00	0.00E+00	-2.49E+00	-1.49E-03	6.35E-05	-6.35E-03	0.00E+00	4.60E-20	-2.69E-09	-1.33E-07	-6.15E-03	-1.80E+00	0.00E+00	0.00E+00	-3.02E+00	1.53E-19	-4.21E-01	0.00E+00	2.89E-09	-3.15E-08	-1.59E-03	0.00E+00	-4.37E-01	0.00E+00	-4.21E-01	-3.38E-05	-4.21E-01	-8.28E-01	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
HMX310	-3.59E-02	7.46E-02	3.63E-03	-3.05E-02	0.00E+00	0.00E+00	-3.33E+00	-2.28E-03	-1.78E-03	-1.78E-02	0.00E+00	4.60E-20	-5.48E-09	-2.37E-07	-5.11E-03	-2.84E+00	0.00E+00	0.00E+00	-3.97E+00	1.53E-19	-7.76E-01	0.00E+00	9.29E-09	-5.05E-08	-5.39E-03	0.00E+00	-6.48E-01	0.00E+00	-7.76E-01	-7.78E-05	-7.76E-01	-1.23E+00	-6.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+02
HMX316	-3.39E-02	6.03E-02	5.39E-03	-3.98E-04	0.00E+00	0.00E+00	-3.07E+00	-2.71E-03	-1.75E-03	-1.75E-02	0.00E+00	4.60E-20	-5.46E-09	-2.38E-07	-6.01E-03	-2.96E+00	0.00E+00	0.00E+00	-3.76E+00	1.53E-19	-7.41E-01	0.00E+00	1.01E-08	-4.84E-08	-5.24E-03	0.00E+00	-7.08E-01	0.00E+00	-7.41E-01	-8.17E-05	-7.41E-01	-1.35E+00	-7.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
HMX320	-3.83E-02	6.28E-02	3.84E-03	-6.51E-03	0.00E+00	0.00E+00	-3.99E+00	-2.22E-03	-1.78E-03	-1.77E-02	0.00E+00	4.60E-20	-5.32E-09	-2.34E-07	-5.74E-03	-3.07E+00	0.00E+00	0.00E+00	-4.67E+00	1.53E-19	-8.84E-01	0.00E+00	7.48E-09	-5.15E-08	-5.56E-03	0.00E+00	-7.70E-01	0.00E+00	-8.84E-01	-7.90E-05	-8.84E-01	-1.44E+00	-7.70E-01	0.00E+00	0.00E+00	0.00E+00	-2.04E+02
HMX325	-2.77E-02	9.63E-02	3.62E-03	2.47E-02	0.00E+00	0.00E+00	-3.77E+00	-1.98E-03	-1.78E-03	-1.61E-02	0.00E+00	4.60E-20	-5.33E-09	-2.41E-07	-5.76E-03	-2.83E+00	0.00E+00	0.00E+00	-4.66E+00	1.53E-19	-6.92E-01	0.00E+00	6.83E-09	-4.76E-08	-4.72E-03	0.00E+00	-6.92E-01	0.00E+00	-6.92E-01	-7.44E-05	-6.92E-01	-1.31E+00	-6.92E-01	0.00E+00	0.00E+00	0.00E+00	-2.02E+02
HMX332	-2.80E-02	9.90E-02	3.68E-03	2.81E-02	0.00E+00	0.00E+00	-3.77E+00	-2.55E-03	-1.77E-03	-1.63E-02	0.00E+00	4.60E-20	-5.33E-09	-2.41E-07	-6.19E-03	-2.88E+00	0.00E+00	0.00E+00	-4.67E+00	1.53E-19	-7.57E-01	0.00E+00	6.95E-09	-4.82E-08	-4.59E-03	0.00E+00	-6.88E-01	0.00E+00	-7.57E-01	-7.95E-05	-7.57E-01	-1.39E+00	-6.88E-01	0.00E+00	0.00E+00	0.00E+00	-2.03E+02
HMX340	-3.83E-02	4.34E-02	3.74E-03	-2.02E-02	0.00E+00	0.00E+00	-4.09E+00	-2.73E-03	-1.79E-03	-1.84E-02	0.00E+00	4.60E-20	-5.57E-09	-2.27E-07	-6.87E-03	-3.10E+00	0.00E+00	0.00E+00	-4.69E+00	1.53E-19	-9.74E-01	0.00E+00	8.93E-09	-5.30E-08	-5.62E-03	0.00E+00	-7.79E-01	0.00E+00	-9.74E-01	-8.71E-05	-9.74E-01	-1.55E+00	-7.79E-01	0.00E+00	0.00E+00	0.00E+00	-2.12E+02
HMX350	-3.68E-02	4.59E-02	3.78E-03	-2.74E-02	0.00E+00	0.00E+00	-4.12E+00	-2.66E-03	-1.75E-03	-1.71E-02	0.00E+00	4.60E-20	-5.46E-09	-2.09E-07	-9.08E-03	-2.91E+00	0.00E+00	0.00E+00	-4.82E+00	1.53E-19	-8.41E-01	0.00E+00	1.04E-08	-5.20E-08	-5.56E-03	0.00E+00	-7.49E-01	0.00E+00	-8.41E-01	-8.53E-05	-8.41E-01	-1.34E+00	-7.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.16E+02
HMX363	-4.81E-02	4.97E-02	5.34E-03	-2.50E-02	0.00E+00	0.00E+00	-6.68E+00	-5.03E-03	-1.71E-03	-2.34E-02	0.00E+00	4.60E-20	-6.33E-09	-4.16E-07	-9.00E-03	-3.52E+00	0.00E+00	0.00E+00	-6.42E+00	1.53E-19	-9.20E-01	0.00E+00	1.22E-08	-8.31E-08	-6.93E-03	0.00E+00	-6.85E-01	0.00E+00	-9.20E-01	-1.27E-04	-9.20E-01	-1.47E+00	-6.85E-01	0.00E+00	0.00E+00	0.00E+00	-2.88E+02
MA100Z	-3.98E-03	1.64E-02	4.71E-04	1.60E-02	0.00E+00	0.00E+00	-8.62E-01	-5.38E-04	4.13E-05	-2.04E-03	0.00E+00	4.60E-20	-1.03E-09	-6.89E-08	-1.82E-03	-8.78E-01	0.00E+00	0.00E+00	-8.03E-01	1.53E-19	-1.90E-01	0.00E+00	1.36E-09	-1.01E-08	-9.67E-04	0.00E+00	-1.05E-01	0.00E+00	-1.90E-01	-1.83E-05	-1.90E-01	-3.59E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-3.60E+01
MA101Z	-5.77E-03	-6.73E-02	3.64E-04	-2.82E-02	0.00E+00	0.00E+00	-9.30E-01	-6.17E-04	1.48E-05	-2.68E-03	0.00E+00	4.60E-20	-1.10E-09	-7.18E-08	-2.30E-03	-9.76E-01	0.00E+00	0.00E+00	-8.99E-01	1.53E-19	-2.39E-01	0.00E+00	6.27E-10	-1.33E-08	-1.18E-03	0.00E+00	-1.30E-01	0.00E+00	-2.39E-01	-1.95E-05	-2.39E-01	-4.29E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-3.95E+01
MA102Z	-5.34E-03	-6.19E-02	7.09E-04	-1.64E-02	0.00E+00	0.00E+00	-8.30E-01	-5.62E-04	5.95E-05	-2.48E-03	0.00E+00	4.60E-20	-9.69E-10	-5.72E-08	-2.12E-03	-7.79E-01	0.00E+00	0.00E+00	-7.66E-01	1.53E-19	-2.12E-01	0.00E+00	6.60E-10	-1.16E-08	-1.03E-03	0.00E+00	-1.05E-01	0.00E+00	-2.12E-01	-1.74E-05	-2.12E-01	-3.77E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-3.46E+01
MA103Z	-3.81E-03	2.36E-02	7.48E-04	2.69E-02	0.00E+00	0.00E+00	-8.04E-01	-5.19E-04	7.41E-05	-1.94E-03	0.00E+00	4.60E-20	-9.33E-10	-5.35E-08	-1.54E-03	-7.06E-01	0.00E+00	0.00E+00	-7.31E-01	1.53E-19	-1.52E-01	0.00E+00	1.36E-09	-9.46E-09	-8.62E-04	0.00E+00	-1.03E-01	0.00E+00	-1.52E-01	-1.67E-05	-1.52E-01	-3.20E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
MA104Z	-3.89E-03	2.26E-02	6.35E-04	2.50E-02	0.00E+00	0.00E+00	-7.07E-01	-5.22E-04	7.28E-05	-1.85E-03	0.00E+00	4.60E-20	-8.90E-10	-5.39E-08	-1.31E-03	-6.66E-01	0.00E+00	0.00E+00	-7.39E-01	1.53E-19	-1.66E-01	0.00E+00	1.20E-09	-8.86E-09	-8.78E-04	0.00E+00	-9.92E-02	0.00E+00	-1.66E-01	-1.57E-05	-1.66E-01	-3.23E-01	-9.92E-02	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
MA106Z	-9.21E-04	1.27E-02	1.32E-03	2.25E-02	0.00E+00	0.00E+00	-6.55E-03	-9.26E-05	1.32E-04	-4.75E-04	0.00E+00	4.60E-20	-5.00E-10	-8.50E-09	-2.11E-03	-2.83E-01	0.00E+00	0.00E+00	-2.69E-01	1.53E-19	-1.87E-02	0.00E+00	1.42E-09	-3.89E-09	-3.58E-04	0.00E+00	-5.95E-02	0.00E+00	-1.87E-02	-1.33E-06	-1.87E-02	-6.23E-02	-5.95E-02	0.00E+00	0.00E+00	0.00E+00	-1.19E+01
MA110Z	-1.01E-03	3.09E-02	1.18E-03	4.69E-02	0.00E+00	0.00E+00	-4.27E-02	-6.21E-05	1.13E-04	-5.31E-04	0.00E+00	4.60E-20	-5.35E-10	-4.01E-09	-2.08E-03	-3.49E-01	0.00E+00	0.00E+00	-2.71E-01	1.53E-19	-6.64E-02	0.00E+00	8.99E-10	-4.53E-09	-3.43E-04	0.00E+00	-5.34E-02	0.00E+00	-6.64E-02	-1.86E-06	-6.64E-02	-1.03E-01	-5.34E-02	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
MA116Z	-9.37E-04	3.59E-02	1.17E-03	3.68E-02	0.00E+00	0.00E+00	-6.90E-02	-4.95E-05	1.10E-04	-5.71E-04	0.00E+00	4.60E-20	-4.88E-10	-5.84E-09	-9.06E-04	-2.99E-01	0.00E+00	0.00E+00	-2.96E-01	1.53E-19	-4.50E-02	0.00E+00	1.59E-09	-4.33E-09	-3.61E-04	0.00E+00	-5.38E-02	0.00E+00	-4.50E-02	-1.61E-06	-4.50E-02	-9.20E-02	-5.38E-02	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
MA120Z	-1.55E-03	4.49E-02	5.93E-04	4.04E-02	0.00E+00	0.00E+00	-1.10E-01	-1.38E-04	7.94E-05	-2.00E-03	0.00E+00	4.60E-20	-4.61E-10	-2.48E-08	-6.39E-04	-2.85E-01	0.00E+00	0.00E+00	-3.31E-01	1.53E-19	3.67E-02	0.00E+00	2.65E-09	-4.57E-09	-7.11E-04	0.00E+00	-5.85E-02	0.00E+00	3.67E-02	-5.25E-06	3.67E-02	-1.67E-02	-5.85E-02	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
MA125Z	-1.30E-03	3.47E-02	1.80E-03	3.26E-02	0.00E+00	0.00E+00	-5.97E-02	-1.79E-04	1.49E-04	-9.85E-04	0.00E+00	4.60E-20	-5.38E-10	-1.96E-08	-1.06E-03	-2.26E-01	0.00E+00	0.00E+00	-3.89E-01	1.53E-19	8.58E-02	0.00E+00	4.35E-09	-4.07E-09	-2.41E-04	0.00E+00	-3.32E-02	0.00E+00	8.58E-02	-4.24E-06	8.58E-02	7.27E-02	-3.32E-02	0.00E+00	0.00E+00	0.00E+00	-1.77E+01
MA132Z	-9.60E-03	2.71E-02	6.99E-04	3.36E-02	0.00E+00	0.00E+00	-1.71E+00	-1.09E-03	-9.43E-05	-4.70E-03	0.00E+00	4.60E-20	-1.30E-09	-1.27E-07	-8.54E-04	-9.83E-01	0.00E+00	0.00E+00	-1.66E+00	1.53E-19	-6.96E-02	0.00E+00	1.62E-09	-1.88E-08	-1.41E-03	0.00E+00	-1.64E-01	0.00E+00	-6.96E-02	-3.18E-05	-6.96E-02	-2.23E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-7.12E+01
MA140Z	-6.38E-03	3.62E-02	1.62E-03	5.96E-02	0.00E+00	0.00E+00	-1.47E+00	-7.69E-04	1.68E-04	-3.34E-03	0.00E+00	4.60E-20	-1.19E-09	-9.16E-08	-1.16E-03	-8.20E-01	0.00E+00	0.00E+00	-1.47E+00	1.53E-19	-2.06E-02	0.00E+00	4.33E-09	-1.46E-08	-9.72E-04	0.00E+00	-1.47E-01	0.00E+00	-2.06E-02	-2.33E-05	-2.06E-02	-1.42E-01	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	-6.42E+01
MA150Z	-8.03E-03	-1.37E-01	-5.83E-04	-9.07E-02	0.00E+00	0.00E+00	-1.36E+00	-8.01E-04	-7.46E-05	-3.45E-03	0.00E+00	4.60E-20	-1.19E-09	-8.09E-08	-3.67E-03	-1.17E+00	0.00E+00	0.00E+00	-1.19E+00	1.53E-19	-6.89E-01	0.00E+00	-9.26E-10	-1.41E-08	-1.35E-03	0.00E+00	-2.77E-01	0.00E+00	-6.89E-01	-2.18E-05	-6.89E-01	-1.14E+00	-2.77E-01	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
MA163Z	-5.33E-03	-1.12E-01	-5.04E-04	-7.81E-02	0.00E+00	0.00E+00	-1.10E+00	-6.53E-04	3.01E-04	-3.17E-03	0.00E+00	4.60E-20	-1.05E-09	-7.29E-08	-3.80E-03	-8.63E-01	0.00E+00	0.00E+00	-1.01E+00	1.53E-19	-6.50E-01	0.00E+00	2.15E-10	-1.05E-08	-1.04E-03	0.00E+00	-2.46E-01	0.00E+00	-6.50E-01	-2.01E-05	-6.50E-01	-1.11E+00	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
MA200Z	-5.89E-03	2.24E-02	6.38E-04	1.28E-02	0.00E+00	0.00E+00	-1.26E+00	-6.69E-04	-1.53E-05	-2.93E-03	0.00E+00	4.60E-20	-1.33E-09	-9.28E-08	-5.95E-03	-1.29E+00	0.00E+00	0.00E+00	-1.25E+00	1.53E-19	-3.61E-01	0.00E+00	1.48E-09	-1.25E-08	-1.56E-03	0.00E+00	-2.20E-01	0.00E+00	-3.61E-01	-2.75E-05	-3.61E-01	-5.65E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
MA201Z	-8.80E-03	-6.57E-02	2.76E-04	-5.65E-02	0.00E+00	0.00E+00	-1.62E+00	-7.61E-04	-1.08E-04	-3.64E-03	0.00E+00	4.60E-20	-1.48E-09	-1.04E-07	-6.54E-03	-1.88E+00	0.00E+00	0.00E+00	-1.49E+00	1.53E-19	-4.32E-01	0.00E+00	6.94E-10	-1.63E-08	-1.91E-03	0.00E+00	-2.94E-01	0.00E+00	-4.32E-01	-2.95E-05	-4.32E-01	-7.96E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-6.45E+01
MA202Z	-8.98E-03	-6.34E-02	3.82E-04	-5.78E-02	0.00E+00	0.00E+00	-1.56E+00	-7.57E-04	-6.45E-05	-3.88E-03	0.00E+00	4.60E-20	-1.48E-09	-9.02E-08	-6.59E-03	-1.77E+00	0.00E+00	0.00E+00	-1.46E+00	1.53E-19	-3.95E-01	0.00E+00	1.22E-09	-1.63E-08	-1.87E-03	0.00E+00	-2.73E-01	0.00E+00	-3.95E-01	-2.69E-05	-3.95E-01	-7.40E-01	-2.73E-01	0.00E+00	0.00E+00	0.00E+00	-6.21E+01
MA203Z	-7.75E-03	2.10E-02	4.95E-04	5.69E-04	0.00E+00	0.00E+00	-1.59E+00	-8.00E-04	-4.78E-05	-3.42E-03	0.00E+00	4.60E-20	-1.47E-09	-9.67E-08	-6.15E-03	-1.73E+00	0.00E+00	0.00E+00	-1.49E+00	1.53E-19	-3.41E-01	0.00E+00	1.92E-09	-1.49E-08	-1.74E-03	0.00E+00	-2.77E-01	0.00E+00	-3.41E-01	-2.93E-05	-3.41E-01	-7.06E-01	-2.77E-01	0.00E+00	0.00E+00	0.00E+00	-6.50E+01
MA204Z	-7.31E-03	2.19E-02	4.18E-04	1.23E-02	0.00E+00	0.00E+00	-1.53E+00	-7.56E-04	4.79E-06	-3.16E-03	0.00E+00	4.60E-20	-1.45E-09	-8.65E-08	-6.23E-03	-1.61E+00	0.00E+00	0.00E+00	-1.49E+00	1.53E-19	-4.11E-01	0.00E+00	1.56E-09	-1.33E-08	-1.71E-03	0.00E+00	-2.74E-01	0.00E+00	-4.11E-01	-2.73E-05	-4.11E-01	-6.98E-01	-2.74E-01	0.00E+00	0.00E+00	0.00E+00	-6.59E+01

MA206Z	-2.72E-03	2.38E-02	2.61E-03	1.55E-02	0.00E+00	0.00E+00	-1.65E-01	-2.82E-04	1.23E-04	-1.04E-03	0.00E+00	4.60E-20	-6.62E-10	-3.15E-08	-5.38E-03	-7.69E-01	0.00E+00	0.00E+00	-5.96E-01	1.53E-19	-7.35E-02	0.00E+00	4.03E-09	-5.20E-09	-4.90E-04	0.00E+00	-1.51E-01	0.00E+00	-7.35E-02	-8.91E-06	-7.35E-02	-1.38E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
MA210Z	-3.34E-03	5.32E-02	3.00E-03	6.25E-02	0.00E+00	0.00E+00	-2.35E-01	-2.00E-04	8.74E-05	-7.39E-04	0.00E+00	4.60E-20	-5.01E-10	-2.02E-08	-3.87E-03	-8.36E-01	0.00E+00	0.00E+00	-6.90E-01	1.53E-19	-1.26E-01	0.00E+00	4.97E-09	-2.92E-09	-2.48E-04	0.00E+00	-1.31E-01	0.00E+00	-1.26E-01	-5.56E-06	-1.26E-01	-1.70E-01	-1.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.25E+01
MA216Z	-3.40E-03	4.46E-02	2.33E-03	3.26E-03	0.00E+00	0.00E+00	-4.29E-01	-5.68E-04	8.95E-05	-1.74E-03	0.00E+00	4.60E-20	-9.70E-10	-6.56E-08	-3.02E-03	-9.75E-01	0.00E+00	0.00E+00	-1.10E+00	1.53E-19	-2.13E-01	0.00E+00	4.95E-09	-9.43E-09	-7.43E-04	0.00E+00	-1.77E-01	0.00E+00	-2.13E-01	-1.67E-05	-2.13E-01	-3.51E-01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-4.89E+01
MA220Z	-2.92E-03	2.95E-02	1.82E-03	-9.85E-03	0.00E+00	0.00E+00	-6.52E-01	-4.96E-04	7.93E-05	-2.03E-03	0.00E+00	4.60E-20	-1.14E-09	-5.43E-08	-1.60E-03	-1.02E+00	0.00E+00	0.00E+00	-1.27E+00	1.53E-19	-3.88E-01	0.00E+00	3.84E-09	-1.03E-08	-8.30E-04	0.00E+00	-1.93E-01	0.00E+00	-3.88E-01	-1.53E-05	-3.88E-01	-6.05E-01	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-5.46E+01
MA225Z	-1.84E-03	-4.67E-03	1.69E-03	-3.10E-02	0.00E+00	0.00E+00	-4.73E-01	-4.98E-04	9.16E-05	-2.04E-03	0.00E+00	4.60E-20	-1.41E-09	-4.09E-08	-8.88E-04	-9.38E-01	0.00E+00	0.00E+00	-1.02E+00	1.53E-19	-2.08E-01	0.00E+00	3.46E-09	-1.16E-08	-8.04E-04	0.00E+00	-1.58E-01	0.00E+00	-2.08E-01	-1.49E-05	-2.08E-01	-3.59E-01	-1.58E-01	0.00E+00	0.00E+00	0.00E+00	-4.59E+01
MA232Z	-9.82E-03	1.47E-02	4.24E-04	2.12E-02	0.00E+00	0.00E+00	-2.21E+00	-8.76E-04	-1.46E-04	-5.48E-03	0.00E+00	4.60E-20	-2.00E-09	-1.46E-07	-1.61E-03	-1.67E+00	0.00E+00	0.00E+00	-2.07E+00	1.53E-19	-2.47E-01	0.00E+00	1.66E-09	-2.37E-08	-1.89E-03	0.00E+00	-3.01E-01	0.00E+00	-2.47E-01	-3.77E-05	-2.47E-01	-5.73E-01	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-9.27E+01
MA240Z	-8.54E-03	5.15E-02	1.71E-03	7.44E-02	0.00E+00	0.00E+00	-1.52E+00	-6.50E-04	4.21E-04	-3.41E-03	0.00E+00	4.60E-20	-1.71E-09	-9.53E-08	-1.54E-03	-1.23E+00	0.00E+00	0.00E+00	-1.61E+00	1.53E-19	1.18E-01	0.00E+00	5.52E-09	-1.71E-08	-1.48E-03	0.00E+00	-2.19E-01	0.00E+00	1.18E-01	-3.07E-05	1.18E-01	-1.55E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-7.38E+01
MA250Z	-1.08E-02	-1.50E-01	-2.18E-03	-1.12E-01	0.00E+00	0.00E+00	-1.57E+00	-1.25E-03	-1.18E-04	-3.70E-03	0.00E+00	4.60E-20	-1.07E-09	-8.20E-08	-6.75E-03	-1.62E+00	0.00E+00	0.00E+00	-1.34E+00	1.53E-19	-9.75E-01	0.00E+00	-1.58E-09	-1.62E-08	-2.08E-03	0.00E+00	-3.41E-01	0.00E+00	-9.75E-01	-3.03E-05	-9.75E-01	-1.42E+00	-3.41E-01	0.00E+00	0.00E+00	0.00E+00	-6.70E+01
MA263Z	-9.22E-03	-9.06E-02	-2.59E-03	-2.23E-02	0.00E+00	0.00E+00	-1.64E+00	-1.44E-03	1.14E-04	-2.59E-03	0.00E+00	4.60E-20	-1.03E-09	-1.02E-07	-4.77E-03	-1.22E+00	0.00E+00	0.00E+00	-1.46E+00	1.53E-19	-7.94E-01	0.00E+00	-2.51E-11	-3.90E-08	-1.85E-03	0.00E+00	-2.81E-01	0.00E+00	-7.94E-01	-4.09E-05	-7.94E-01	-1.19E+00	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-7.12E+01
MA300Z	-1.42E-02	-8.24E-02	-8.92E-04	-4.18E-02	0.00E+00	0.00E+00	-2.40E+00	-1.40E-03	-4.70E-04	-7.33E-03	0.00E+00	4.60E-20	-3.10E-09	-1.66E-07	-8.61E-03	-2.92E+00	0.00E+00	0.00E+00	-3.00E+00	1.53E-19	-1.26E+00	0.00E+00	-2.60E-09	-3.59E-08	-2.50E-03	0.00E+00	-5.20E-01	0.00E+00	-1.26E+00	-4.41E-05	-1.26E+00	-1.80E+00	-5.20E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
MA301Z	-1.58E-02	-1.70E-01	-7.33E-04	-9.12E-02	0.00E+00	0.00E+00	-2.53E+00	-1.43E-03	-4.68E-04	-7.85E-03	0.00E+00	4.60E-20	-3.52E-09	-1.53E-07	-6.79E-03	-2.97E+00	0.00E+00	0.00E+00	-3.23E+00	1.53E-19	-1.34E+00	0.00E+00	-1.91E-09	-4.03E-08	-2.84E-03	0.00E+00	-5.97E-01	0.00E+00	-1.34E+00	-4.06E-05	-1.34E+00	-2.03E+00	-5.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.55E+02
MA302Z	-1.58E-02	-1.82E-01	-6.77E-04	-1.10E-01	0.00E+00	0.00E+00	-2.60E+00	-1.50E-03	-4.51E-04	-7.83E-03	0.00E+00	4.60E-20	-3.54E-09	-1.66E-07	-5.84E-03	-2.95E+00	0.00E+00	0.00E+00	-3.22E+00	1.53E-19	-1.32E+00	0.00E+00	-1.95E-09	-4.06E-08	-2.89E-03	0.00E+00	-5.87E-01	0.00E+00	-1.32E+00	-4.58E-05	-1.32E+00	-1.98E+00	-5.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+02
MA303Z	-1.40E-02	-1.06E-01	-8.87E-04	-6.66E-02	0.00E+00	0.00E+00	-2.47E+00	-1.47E-03	-4.31E-04	-7.45E-03	0.00E+00	4.60E-20	-3.14E-09	-1.68E-07	-6.65E-03	-2.77E+00	0.00E+00	0.00E+00	-3.11E+00	1.53E-19	-1.33E+00	0.00E+00	-2.81E-09	-3.68E-08	-2.59E-03	0.00E+00	-5.20E-01	0.00E+00	-1.33E+00	-4.63E-05	-1.33E+00	-1.92E+00	-5.20E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
MA304Z	-1.36E-02	-1.10E-01	-8.61E-04	-7.91E-02	0.00E+00	0.00E+00	-2.50E+00	-1.45E-03	-4.41E-04	-7.45E-03	0.00E+00	4.60E-20	-3.13E-09	-1.73E-07	-7.09E-03	-2.90E+00	0.00E+00	0.00E+00	-3.08E+00	1.53E-19	-1.30E+00	0.00E+00	-2.54E-09	-3.62E-08	-2.56E-03	0.00E+00	-5.30E-01	0.00E+00	-1.30E+00	-4.77E-05	-1.30E+00	-1.85E+00	-5.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
MA306Z	-3.73E-03	1.46E-02	3.10E-03	-3.67E-03	0.00E+00	0.00E+00	1.71E-01	-6.29E-04	1.13E-04	-2.07E-03	0.00E+00	4.60E-20	-9.53E-10	-6.22E-08	-8.44E-05	-1.21E+00	0.00E+00	0.00E+00	-6.29E-01	1.53E-19	-3.56E-02	0.00E+00	4.01E-09	-9.49E-09	-9.07E-04	0.00E+00	-1.96E-01	0.00E+00	-3.56E-02	-1.86E-05	-3.56E-02	-1.91E-01	-1.96E-01	0.00E+00	0.00E+00	0.00E+00	-3.20E+01
MA310Z	-3.12E-03	8.84E-03	2.91E-03	-2.79E-04	0.00E+00	0.00E+00	-2.62E-01	-5.91E-04	7.68E-05	-3.32E-03	0.00E+00	4.60E-20	-1.12E-09	-5.53E-08	1.14E-03	-1.39E+00	0.00E+00	0.00E+00	-1.38E+00	1.53E-19	-6.04E-01	0.00E+00	1.51E-09	-8.90E-09	-1.03E-03	0.00E+00	-2.63E-01	0.00E+00	-6.04E-01	-1.31E-05	-6.04E-01	-8.64E-01	-2.63E-01	0.00E+00	0.00E+00	0.00E+00	-6.35E+01
MA316Z	-3.71E-03	-1.16E-02	1.18E-03	-1.63E-02	0.00E+00	0.00E+00	-9.16E-01	-5.83E-04	1.25E-04	-4.02E-03	0.00E+00	4.60E-20	-1.37E-09	-6.13E-08	-9.01E-05	-1.32E+00	0.00E+00	0.00E+00	-1.90E+00	1.53E-19	-7.56E-01	0.00E+00	9.79E-10	-1.41E-08	-1.01E-03	0.00E+00	-3.02E-01	0.00E+00	-7.56E-01	-1.80E-05	-7.56E-01	-1.00E+00	-3.02E-01	0.00E+00	0.00E+00	0.00E+00	-8.07E+01
MA320Z	-3.65E-03	-1.27E-02	3.29E-04	-3.62E-02	0.00E+00	0.00E+00	-1.40E+00	-7.73E-04	-1.41E-04	-7.08E-03	0.00E+00	4.60E-20	-1.58E-09	-8.86E-08	1.04E-03	-1.61E+00	0.00E+00	0.00E+00	-2.02E+00	1.53E-19	-8.01E-01	0.00E+00	2.85E-09	-1.60E-08	-1.05E-03	0.00E+00	-3.50E-01	0.00E+00	-8.01E-01	-2.43E-05	-8.01E-01	-1.16E+00	-3.50E-01	0.00E+00	0.00E+00	0.00E+00	-8.78E+01
MA325Z	-3.15E-03	3.49E-02	1.36E-03	5.43E-02	0.00E+00	0.00E+00	-6.38E-01	-6.41E-04	1.20E-04	-6.21E-03	0.00E+00	4.60E-20	-1.54E-09	-8.52E-08	-8.26E-04	-1.15E+00	0.00E+00	0.00E+00	-1.41E+00	1.53E-19	2.03E-01	0.00E+00	7.66E-09	-1.33E-08	-7.34E-04	0.00E+00	-2.47E-01	0.00E+00	2.03E-01	-2.26E-05	2.03E-01	1.50E-01	-2.47E-01	0.00E+00	0.00E+00	0.00E+00	-6.78E+01
MA332Z	-1.11E-02	1.24E-03	-1.24E-03	1.13E-01	0.00E+00	0.00E+00	-2.95E+00	-2.35E-03	-5.31E-04	-4.86E-03	0.00E+00	4.60E-20	-3.54E-09	-2.41E-07	-8.36E-04	-2.89E+00	0.00E+00	0.00E+00	-3.11E+00	1.53E-19	-4.80E-01	0.00E+00	7.29E-09	-5.94E-08	-1.54E-03	0.00E+00	-4.31E-01	0.00E+00	-4.80E-01	-6.87E-05	-4.80E-01	-8.57E-01	-4.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
MA340Z	-3.34E-02	-1.96E-01	-1.28E-03	-3.28E-01	0.00E+00	0.00E+00	-5.28E+00	-3.42E-03	-1.41E-03	-1.98E-02	0.00E+00	4.60E-20	-5.86E-09	-3.87E-07	-3.13E-03	-3.51E+00	0.00E+00	0.00E+00	-5.09E+00	1.53E-19	-1.09E+00	0.00E+00	2.94E-09	-7.19E-08	-6.26E-03	0.00E+00	-6.19E-01	0.00E+00	-1.09E+00	-1.01E-04	-1.09E+00	-1.60E+00	-6.19E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
MA350Z	-2.47E-02	-2.38E-01	-7.10E-03	-5.47E-02	0.00E+00	0.00E+00	-5.72E+00	-2.18E-03	-8.24E-04	-1.02E-02	0.00E+00	4.60E-20	-5.03E-09	-3.70E-07	-2.88E-03	-2.98E+00	0.00E+00	0.00E+00	-5.56E+00	1.53E-19	-2.11E+00	0.00E+00	-3.11E-09	-5.81E-08	-2.86E-03	0.00E+00	-6.89E-01	0.00E+00	-2.11E+00	-8.29E-05	-2.11E+00	-2.88E+00	-6.89E-01	0.00E+00	0.00E+00	0.00E+00	-2.46E+02
MA363Z	-4.19E-02	-2.96E-01	-7.52E-03	-3.57E-01	0.00E+00	0.00E+00	-7.48E+00	-3.89E-03	-1.41E-03	-2.25E-02	0.00E+00	4.60E-20	-6.38E-09	-5.46E-07	-4.19E-03	-3.77E+00	0.00E+00	0.00E+00	-6.81E+00	1.53E-19	-2.48E+00	0.00E+00	-2.44E-09	-8.15E-08	-6.05E-03	0.00E+00	-7.87E-01	0.00E+00	-2.48E+00	-1.28E-04	-2.48E+00	-3.43E+00	-7.87E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+02
MA400Z	-2.06E-02	1.55E-02	-8.84E-04	-5.73E-03	0.00E+00	0.00E+00	-3.37E+00	-1.99E-03	-3.31E-04	-1.00E-02	0.00E+00	4.60E-20	-4.23E-09	-1.82E-07	-7.57E-03	-2.75E+00	0.00E+00	0.00E+00	-3.54E+00	1.53E-19	-1.38E+00	0.00E+00	-2.02E-09	-3.19E-08	-3.81E-03	0.00E+00	-5.78E-01	0.00E+00	-1.38E+00	-4.90E-05	-1.38E+00	-2.21E+00	-5.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
MA401Z	-2.20E-02	-4.80E-02	-9.08E-04	-5.86E-02	0.00E+00	0.00E+00	-3.34E+00	-2.08E-03	5.63E-04	-1.03E-02	0.00E+00	4.60E-20	-4.38E-09	-1.89E-07	-6.61E-03	-2.73E+00	0.00E+00	0.00E+00	-3.72E+00	1.53E-19	-1.46E+00	0.00E+00	-2.44E-09	-3.20E-08	-3.85E-03	0.00E+00	-6.42E-01	0.00E+00	-1.46E+00	-4.86E-05	-1.46E+00	-2.22E+00	-6.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.69E+02
MA402Z	-2.74E-02	-6.37E-02	-7.70E-04	-7.80E-02	0.00E+00	0.00E+00	-3.34E+00	-2.06E-03	4.16E-04	-1.11E-02	0.00E+00	4.60E-20	-4.38E-09	-1.78E-07	-5.62E-03	-2.82E+00	0.00E+00	0.00E+00	-3.76E+00	1.53E-19	-1.45E+00	0.00E+00	-2.34E-09	-3.14E-08	-3.85E-03	0.00E+00	-6.55E-01	0.00E+00	-1.45E+00	-5.30E-05	-1.45E+00	-2.14E+00	-6.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.69E+02
MA403Z	-1.97E-02	7.32E-03	-1.01E-03	-2.35E-02	0.00E+00	0.00E+00	-3.21E+00	-1.91E-03	-3.42E-04	-1.02E-02	0.00E+00	4.60E-20	-4.51E-09	-1.58E-07	-6.24E-03	-2.69E+00	0.00E+00	0.00E+00	-3.51E+00	1.53E-19	-1.42E+00	0.00E+00	-2.36E-09	-3.20E-08	-3.79E-03	0.00E+00	-5.72E-01	0.00E+00	-1.42E+00	-4.87E-05	-1.42E+00	-2.18E+00	-5.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
MA404Z	-1.99E-02	5.37E-03	-1.08E-03	-2.33E-02	0.00E+00	0.00E+00	-3.30E+00	-1.99E-03	-3.40E-04	-1.03E-02	0.00E+00	4.60E-20	-4.51E-09	-1.60E-07	-6.44E-03	-2.77E+00	0.00E+00	0.00E+00	-3.54E+00	1.53E-19	-1.44E+00	0.00E+00	-2.19E-09	-3.19E-08	-3.86E-03	0.00E+00	-5.92E-01	0.00E+00	-1.44E+00	-4.88E-05	-1.44E+00	-2.21E+00	-5.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
MA406Z	-8.55E-03	1.02E-02	3.18E-03	1.57E-02	0.00E+00	0.00E+00	-9.34E-01	-9.62E-04	-2.20E-04	-5.55E-03	0.00E+00	4.60E-20	-1.90E-09	-9.95E-08	-2.01E-03	-1.83E+00	0.00E+00	0.00E+00	-1.63E+00	1.53E-19	-3.91E-02	0.00E+00	1.75E-09	-2.15E-08	-1.82E-03	0.00E+00	-2.65E-01	0.00E+00	-3.91E-02	-2.57E-05	-3.91E-02	-2.21E-01	-2.65E-01	0.00E+00	0.00E+00	0.00E+00	-7.52E+01
MA416Z	-7.91E-03	4.60E-02	2.65E-03	8.40E-02	0.00E+00	0.00E+00	-4.39E-01	-9.52E-04	3.74E-04	-4.62E-03	0.00E+00	4.60E-20	-2.28E-09	-5.66E-08	-5.49E-04	-1.42E+00	0.00E+00	0.00E+00	-9.95E-01	1.53E-19	2.48E-01	0.00E+00	2.62E-09	-1.71E-08	-1.09E-03	0.00E+00	-2.28E-01	0.00E+00	2.48E-01	-1.71E-05	2.48E-01	1.11E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-5.08E+01
MA420Z	-7.57E-03	4.89E-02	2.68E-03	1.08E-01	0.00E+00	0.00E+00	-2.16E-01	-1.00E-03	4.32E-04	-4.32E-03	0.00E+00	4.60E-20	-1.96E-09	-5.85E-08	-6.41E-04	-1.55E+00	0.00E+00	0.00E+00	-7.95E-01	1.53E-19	6.32E-01	0.00E+00	8.68E-09	-1.46E-08	-1.17E-03	0.00E+00	-1.86E-01	0.00E+00	6.32E-01	-1.86E-05	6.32E-01	4.30E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-4.31E+01
MA425Z	-1.69E-02	3.96E-02	2.46E-03	1.20E-01	0.00E+00	0.00E+00	-1.82E+00	-2.05E-03	2.81E-04	-8.31E-03	0.00E+00	4.60E-20	-2.12E-09	-2.16E-07	-2.83E-03	-2.13E+00	0.00E+00	0.00E+00	-2.40E+00	1.53E-19	1.50E-01	0.00E+00	7.37E-09	-3.76E-08	-2.69E-03	0.00E+00	-3.07E-01	0.00E+00	1.50E-01	-5.55E-05	1.50E-01	-1.90E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MA432Z	-3.19E-02	-1.51E-02	-1.26E-03	7.13E-02	0.00E+00	0.00E+00	-5.21E+00	-4.41E-03	3.57E-04	-1.44E-02	0.00E+00	4.60E-20	-4.87E-09	-3.07E-07	-1.34E-03	-3.11E+00	0.00E+00	0.00E+00	-5.11E+00	1.53E-19	-1.07E+00	0.00E+00	2.86E-09	-5.51E-08	-4.85E-03	0.00E+00	-7.48E-01	0.00E+00	-1.07E+00	-9.12E-05	-1.07E+00	-2.02E+00	-7.48E-01	0.00E+00	0.00E+00	0.00E+00	-2.23E+02
MA440Z	-3.06E-02	-1.46E-01	-1.10E-03	-2.53E-01	0.00E+00	0.00E+00	-4.96E+00	-5.00E-03	-6.39E-04	-1.62E-02	0.00E+00	4.60E-20	-6.08E-09	-3.25E-07	-1.17E-03	-3.93E+00	0.00E+00	0.00E+00	-4.84E+00	1.53E-19	-2.20E-01	0.00E+00	2.73E-09	-6.62E-08	-5.76E-03	0.00E+00	-6.49E-01	0.00E+00	-2.20E-01	-9.91E-05	-2.20E-01	-1.31E+00	-6.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+02
MA450Z	-6.06E-02	-3.43E-01	-9.69E-03	-3.37E-01	0.00E+00	0.00E+00	-9.71E+00	-6.04E-03	-2.76E-03	-3.45E-02	0.00E+00	4.60E-20	-8.57E-09	-6.72E-07	-5.90E-03	-6.32E+00	0.00E+00	0.00E+00	-8.63E+00	1.53E-19	-3.26E+00	0.00E+00	-8.85E-09	-1.18E-07	-1.01E-02	0.00E+00	-9.03E-01	0.00E+00	-3.26E+00	-1.72E-04	-3.26E+00	-3.90E+00	-9.03E-01	0.00E+00	0.00E+00	0.00E+00	-3.76E+02
MA463Z	-6.06E-02	-3.71E-01	-9.92E-03	-2.92E-01	0.00E+00	0.00E+00	-8.62E+00	-6.01E-03	-2.68E-03	-3.37E-02	0.00E+00	4.60E-20	-8.56E-09	-6.72E-07	-2.01E-03	-6.46E+00	0.00E+00	0.00E+00	-7.89E+00	1.53E-19	-3.30E+00	0.00E+00	-6.83E-09	-1.14E-07	-9.67E-03	0.00E+00	-9.10E-01	0.00E+00	-3.30E+00	-1.72E-04	-3.30E+00	-4.23E+00	-9.10E-01	0.00E+00	0.00E+00	0.00E+00	-3.50E+02
MB106A	-7.86E-04	1.98E-02	1.30E-03	2.12E-02	0.00E+00	0.00E+00	1.73E-02	-9.91E-05	1.53E-04	-4.08E-04	0.00E+00	4.60E-20	-7.09E-10	-1.59E-09	3.62E-04	-4.68E-01	0.00E+00	0.00E+00	-2.40E-01	1.53E-19	-2.30E-02	0.00E+00	9.88E-10	-4.12E-09	-2.40E-04	0.00E+00	-6.90E-02	0.00E+00	-2.30E-02	-1.69E-06	-2.30E-02	-1.02E-01	-6.90E-02	0.00E+00	0.00E+00	0.00E+00	-1.16E+01
MB110A	-6.98E-04	1.49E-02	1.22E-03	1.57E-02	0.00E+00	0.00E+00	5.45E-02	-5.92E-05	1.46E-04	-4.13E-04	0.00E+00	4.60E-20	-5.27E-10	-1.29E-09	5.42E-04	-3.33E-01	0.00E+00	0.00E+00	-2.16E-01	1.53E-19	-2.20E-02	0.00E+00	1.55E-09	-2.65E-09	-1.74E-04	0.00E+00	-4.73E-02	0.00E+00	-2.20E-02	-7.67E-07	-2.20E-02	-1.02E-01	-4.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
MB113A	-1.19E-03	3.73E-02	1.30E-03	3.66E-02	0.00E+00	0.00E+00	-5.17E-02	-1.04E-04	1.04E-04	-6.67E-04	0.00E+00	4.60E-20	-4.61E-10	-1.09E-08	-8.49E-04	-3.40E-01	0.00E+00	0.00E+00	-3.03E-01	1.53E-19	1.72E-02	0.00E+00	2.88E-09	-4.66E-09	-2.80E-04	0.00E+00	-6.01E-02	0.00E+00	1.72E-02	-2.84E-06	1.72E-02	-1.87E-02	-6.01E-02	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
MB116A	-7.34E-04	1.58E-02	1.06E-03	1.76E-02	0.00E+00	0.00E+00	-2.65E-03	-4.61E-05	1.45E-04	-4.71E-04	0.00E+00	4.60E-20	-5.14E-10	-3.02E-09	6.14E-04	-3.35E-01	0.00E+00	0.00E+00	-2.78E-01	1.53E-19	-9.37E-02	0.00E+00	1.24E-09	-3.44E-09	-2.37E-04	0.00E+00	-5.19E-02	0.00E+00	-9.37E-02	-1.16E-06	-9.37E-02	-1.83E-01	-5.19E-02	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
MB120A	-8.40E-04	1.47E-02	1.03E-03	1.62E-02	0.00E+00	0.00E+00	-1.31E-02	-8.25E-05	1.45E-04	-4.74E-04	0.00E+00	4.60E-20	-5.41E-10	-3.13E-09	6.16E-04	-3.57E-01	0.00E+00	0.00E+00	-2.82E-01	1.53E-19	-1.01E-01	0.00E+00	1.44E-09	-2.80E-09	-2.03E-04	0.00E+00	-5.47E-02	0.00E+00	-1.01E-01	-1.16E-06	-1.01E-01	-1.82E-01	-5.47E-02	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
MB125A	-1.30E-03	3.47E-02	1.80E-03	3.26E-02	0.00E+00	0.00E+00	-5.97E-02	-1.79E-04	1.49E-04	-9.84E-04	0.00E+00	4.60E-20	-5.38E-10	-1.96E-08	-1.06E-03	-2.26E-01	0.00E+00	0.00E+00	-3.89E-01	1.53E-19	8.58E-02	0.00E+00	4.31E-09	-4.07E-09	-2.41E-04	0.00E+00	-3.32E-02	0.00E+00	8.58E-02	-4.24E-06	8.58E-02	7.27E-02	-3.32E-02	0.00E+00	0.00E+00	0.00E+00	-1.77E+01
MB132A	-8.49E-03	2.77E-02	9.49E-04	4.03E-02	0.00E+00	0.00E+00	-1.49E+00	-1.05E-03	-1.62E-05	-4.39E-03	0.00E+00	4.60E-20	-1.28E-09	-1.12E-07	-1.02E-03	-9.71E-01	0.00E+00	0.00E+00	-1.41E+00	1.53E-19	9.17E-03	0.00E+00	2.55E-09	-1.84E-08	-1.31E-03	0.00E+00	-1.52E-01	0.00E+00	9.17E-03	-3.04E-05	9.17E-03	-1.26E-01	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	-6.00E+01
MB140A	-5.90E-03	3.49E-02	1.53E-03	6.23E-02	0.00E+00	0.00E+00	-1.44E+00	-7.99E-04	1.71E-04	-3.34E-03	0.00E+00	4.60E-20	-1.16E-09	-9.05E-08	-1.18E-03	-8.72E-01	0.00E+00	0.00E+00	-1.41E+00	1.53E-19	3.28E-02	0.00E+00	4.47E-09	-1.48E-08	-9.57E-04	0.00E+00	-1.53E-01	0.00E+00	3.28E-02	-2.32E-05	3.28E-02	-7.56E-02	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-5.95E+01
MB150A	-8.03E-03	-1.38E-01	-7.18E-04	-9.12E-02	0.00E+00	0.00E+00	-1.36E+00	-8.11E-04	-7.46E-05	-3.43E-03	0.00E+00	4.60E-20	-1.19E-09	-7.97E-08	-3.67E-03	-1.18E+00	0.00E+00	0.00E+00	-1.19E+00	1.53E-19	-7.40E-01	0.00E+00	-9.60E-10	-1.42E-08	-1.37E-03	0.00E+00	-2.76E-01	0.00E+00	-7.40E-01	-2.16E-05	-7.40E-01	-1.16E+00	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-5.26E+01
MB163A	-5.33E-03	-1.13E-01	-6.39E-04	-7.71E-02	0.00E+00	0.00E+00	-1.12E+00	-7.04E-04	3.03E-04	-3.11E-03	0.00E+00	4.60E-20	-1.07E-09	-7.35E-08	-3.74E-03	-8.69E-01	0.00E+00	0.00E+00	-1.02E+00	1.53E-19	-6.92E-01	0.00E+00	9.05E-11	-1.08E-08	-1.02E-03	0.00E+00	-2.45E-01	0.00E+00	-6.92E-01	-2.04E-05	-6.92E-01	-1.13E+00	-2.45E-01	0.00E+00	0.00E+00	0.00E+00	-4.29E+01
MB197	4.52E-04	1.15E-01	2.97E-03	1.12E-01	0.00E+00	0.00E+00	6.94E-01	-1.40E-05	3.09E-04	9.24E-04	0.00E+00	3.98E-20	-7.49E-11	2.14E-09	-2.03E-03	2.23E-03	0.00E+00	0.00E+00	2.64E-01	1.42E-19	7.46E-01	0.00E+00	7.70E-09	1.80E-09	1.98E-04	0.00E+00	1.83E-02	0.00E+00	7.46E-01	-5.48E-07	7.46E-01	7.64E-01	1.83E-02	0.00E+00	0.00E+00	0.00E+00	7.99E+00
MB199	-2.77E-03	2.92E-02	1.90E-03	2.73E-02	0.00E+00	0.00E+00	-4.43E-03	-3.00E-04	-8.43E-05	-1.16E-03	0.00E+00	3.35E-20	-2.47E-10	-3.36E-08	3.56E-03	-7.60E-01	0.00E+00	0.00E+00	-6.13E-02	1.10E-19	5.80E-01	0.00E+00	4.88E-09	-3.13E-09	-3.36E-04	0.00E+00	-6.58E-02	0.00E+00	5.80E-01	-8.56E-06	5.80E-01	5.14E-01	-6.58E-02	0.00E+00	0.00E+00	0.00E+00	-6.24E+00
MB206A	-5.60E-03	1.76E-02	2.61E-03	1.65E-02	0.00E+00	0.00E+00	-1.98E-01	-3.02E-04	1.26E-04	-1.90E-03	0.00E+00	4.60E-20	-8.98E-10	-3.91E-08	-4.32E-03	-1.00E+00	0.00E+00	0.00E+00	-6.09E-01	1.53E-19	-1.30E-01	0.00E+00	3.50E-09	-9.33E-09	-7.07E-04	0.00E+00	-1.66E-01	0.00E+00	-1.30E-01	-1.15E-05	-1.30E-01	-1.25E-01	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	-3.19E+01
MB210A	-5.65E-03	4.40E-02	3.16E-03	5.41E-02	0.00E+00	0.00E+00	-2.22E-01	-2.70E-04	9.32E-05	-1.82E-03	0.00E+00	4.60E-20	-8.48E-10	-3.54E-08	-3.35E-03	-1.03E+00	0.00E+00	0.00E+00	-8.38E-01	1.53E-19	-1.48E-01	0.00E+00	4.90E-09	-7.93E-09	-5.55E-04	0.00E+00	-1.75E-01	0.00E+00	-1.48E-01	-8.89E-06	-1.48E-01	-1.38E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-3.91E+01
MB213A	-5.75E-03	4.34E-02	2.82E-03	1.08E-02	0.00E+00	0.00E+00	-3.22E-01	-5.76E-04	8.87E-05	-2.42E-03	0.00E+00	4.60E-20	-1.10E-09	-6.40E-08	-1.31E-03	-1.16E+00	0.00E+00	0.00E+00	-1.00E+00	1.53E-19	-1.15E-01	0.00E+00	5.56E-09	-1.12E-08	-8.75E-04	0.00E+00	-1.86E-01	0.00E+00	-1.15E-01	-1.83E-05	-1.15E-01	-1.08E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-4.38E+01
MB216A	-5.37E-03	3.99E-02	2.40E-03	3.10E-02	0.00E+00	0.00E+00	-3.95E-02	-4.24E-04	1.59E-04	-1.68E-03	0.00E+00	4.60E-20	-1.04E-09	-3.72E-08	-2.13E-03	-8.85E-01	0.00E+00	0.00E+00	-4.13E-01	1.53E-19	1.22E-01	0.00E+00	2.61E-09	-9.77E-09	-5.86E-04	0.00E+00	-1.03E-01	0.00E+00	1.22E-01	-1.30E-05	1.22E-01	1.02E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
MB220A	-3.16E-03	2.46E-02	2.38E-03	-1.38E-02	0.00E+00	0.00E+00	-5.33E-01	-4.60E-04	9.23E-05	-2.00E-03	0.00E+00	4.60E-20	-1.15E-09	-5.22E-08	-1.47E-03	-1.11E+00	0.00E+00	0.00E+00	-1.27E+00	1.53E-19	-2.49E-01	0.00E+00	3.60E-09	-1.05E-08	-7.78E-04	0.00E+00	-2.15E-01	0.00E+00	-2.49E-01	-1.66E-05	-2.49E-01	-4.40E-01	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-5.50E+01
MB225A	-1.84E-03	-4.67E-03	1.69E-03	-3.10E-02	0.00E+00	0.00E+00	-4.73E-01	-4.98E-04	9.44E-05	-2.04E-03	0.00E+00	4.60E-20	-1.41E-09	-4.09E-08	-8.88E-04	-9.41E-01	0.00E+00	0.00E+00	-1.02E+00	1.53E-19	-2.08E-01	0.00E+00	3.39E-09	-1.16E-08	-8.04E-04	0.00E+00	-1.58E-01	0.00E+00	-2.08E-01	-1.49E-05	-2.08E-01	-3.58E-01	-1.58E-01	0.00E+00	0.00E+00	0.00E+00	-4.59E+01
MB232A	-1.25E-02	1.43E-02	7.24E-04	-7.58E-03	0.00E+00	0.00E+00	-2.18E+00	-9.77E-04	-1.99E-04	-6.95E-03	0.00E+00	4.60E-20	-2.46E-09	-1.39E-07	-1.43E-03	-1.78E+00	0.00E+00	0.00E+00	-2.16E+00	1.53E-19	-1.22E-01	0.00E+00	2.12E-09	-3.23E-08	-2.15E-03	0.00E+00	-3.31E-01	0.00E+00	-1.22E-01	-3.50E-05	-1.22E-01	-3.83E-01	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	-9.97E+01
MB240A	-8.11E-03	4.68E-02	1.82E-03	7.00E-02	0.00E+00	0.00E+00	-1.56E+00	-6.27E-04	4.24E-04	-3.53E-03	0.00E+00	4.60E-20	-2.21E-09	-1.01E-07	-1.29E-03	-1.49E+00	0.00E+00	0.00E+00	-1.73E+00	1.53E-19	1.82E-01	0.00E+00	5.49E-09	-2.01E-08	-1.56E-03	0.00E+00	-2.85E-01	0.00E+00	1.82E-01	-3.27E-05	1.82E-01	-7.42E-02	-2.85E-01	0.00E+00	0.00E+00	0.00E+00	-8.01E+01
MB250A	-1.40E-02	-2.49E-01	-3.14E-03	-1.29E-01	0.00E+00	0.00E+00	-1.79E+00	-1.35E-03	-1.40E-04	-4.99E-03	0.00E+00	4.60E-20	-1.67E-09	-9.84E-08	-6.25E-03	-2.26E+00	0.00E+00	0.00E+00	-1.77E+00	1.53E-19	-2.24E+00	0.00E+00	-5.51E-09	-2.52E-08	-2.28E-03	0.00E+00	-5.20E-01	0.00E+00	-2.24E+00	-3.35E-05	-2.24E+00	-3.05E+00	-5.20E-01	0.00E+00	0.00E+00	0.00E+00	-8.84E+01
MB263A	-1.20E-02	-1.98E-01	-3.40E-03	-5.00E-02	0.00E+00	0.00E+00	-1.81E+00	-1.56E-03	1.05E-04	-4.24E-03	0.00E+00	4.60E-20	-1.68E-09	-1.17E-07	-4.14E-03	-1.91E+00	0.00E+00	0.00E+00	-1.76E+00	1.53E-19	-2.01E+00	0.00E+00	-3.77E-09	-4.53E-08	-1.95E-03	0.00E+00	-4.53E-01	0.00E+00	-2.01E+00	-4.37E-05	-2.01E+00	-2.67E+00	-4.53E-01	0.00E+00	0.00E+00	0.00E+00	-9.01E+01
MB306A	-6.31E-03	4.39E-03	3.20E-03	-4.30E-03	0.00E+00	0.00E+00	3.32E-02	-7.48E-04	9.54E-05	-3.21E-03	0.00E+00	4.60E-20	-1.07E-09	-7.68E-08	8.26E-04	-1.33E+00	0.00E+00	0.00E+00	-8.81E-01	1.53E-19	-1.38E-01	0.00E+00	3.27E-09	-1.41E-08	-1.21E-03	0.00E+00	-2.04E-01	0.00E+00	-1.38E-01	-2.11E-05	-1.38E-01	-3.08E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-4.30E+01
MB310A	-5.10E-03	-1.71E-03	3.03E-03	-1.94E-03	0.00E+00	0.00E+00	-3.57E-01	-6.87E-04	8.56E-05	-4.26E-03	0.00E+00	4.60E-20	-1.23E-09	-6.20E-08	1.37E-03	-1.45E+00	0.00E+00	0.00E+00	-1.66E+00	1.53E-19	-6.28E-01	0.00E+00	5.75E-10	-1.40E-08	-1.18E-03	0.00E+00	-3.20E-01	0.00E+00	-6.28E-01	-1.91E-05	-6.28E-01	-9.43E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-7.09E+01
MB313A	-6.05E-03	-2.63E-02	8.11E-04	-3.28E-02	0.00E+00	0.00E+00	-9.87E-01	-7.58E-04	-5.65E-05	-6.02E-03	0.00E+00	4.60E-20	-1.81E-09	-9.09E-08	1.56E-03	-1.51E+00	0.00E+00	0.00E+00	-1.97E+00	1.53E-19	-8.38E-01	0.00E+00	1.87E-09	-2.21E-08	-1.25E-03	0.00E+00	-3.30E-01	0.00E+00	-8.38E-01	-2.40E-05	-8.38E-01	-1.10E+00	-3.30E-01	0.00E+00	0.00E+00	0.00E+00	-8.34E+01
MB316A	-3.41E-03	8.31E-02	2.72E-03	7.12E-02	0.00E+00	0.00E+00	5.94E-02	-5.02E-04	1.56E-04	-9.05E-04	0.00E+00	4.60E-20	-1.19E-09	-5.45E-08	2.50E-04	-8.77E-01	0.00E+00	0.00E+00	-4.91E-01	1.53E-19	5.64E-01	0.00E+00	6.74E-09	-7.77E-09	-6.77E-04	0.00E+00	-1.17E-01	0.00E+00	5.64E-01	-1.56E-05	5.64E-01	4.27E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
MB320A	-5.21E-03	-1.61E-02	5.57E-04	-3.14E-02	0.00E+00	0.00E+00	-1.16E+00	-8.22E-04	-7.25E-05	-6.94E-03	0.00E+00	4.60E-20	-1.81E-09	-8.93E-08	1.67E-03	-1.60E+00	0.00E+00	0.00E+00	-1.97E+00	1.53E-19	-6.36E-01	0.00E+00	3.35E-09	-2.21E-08	-1.23E-03	0.00E+00	-3.38E-01	0.00E+00	-6.36E-01	-2.57E-05	-6.36E-01	-9.49E-01	-3.38E-01	0.00E+00	0.00E+00	0.00E+00	-8.27E+01
MB325A	-3.17E-03	3.35E-02	1.36E-03	5.99E-02	0.00E+00	0.00E+00	-6.77E-01	-6.59E-04	1.10E-04	-6.24E-03	0.00E+00	4.60E-20	-1.57E-09	-9.12E-08	-8.04E-04	-1.16E+00	0.00E+00	0.00E+00	-1.45E+00	1.53E-19	2.03E-01	0.00E+00	7.70E-09	-1.50E-08	-7.47E-04	0.00E+00	-2.50E-01	0.00E+00	2.03E-01	-2.25E-05	2.03E-01	1.48E-01	-2.50E-01	0.00E+00	0.00E+00	0.00E+00	-7.01E+01
MB332A	-9.63E-03	-1.29E-02	-8.92E-04	1.01E-01	0.00E+00	0.00E+00	-2.55E+00	-1.89E-03	-3.31E-04	-4.45E-03	0.00E+00	4.60E-20	-3.51E-09	-1.94E-07	2.05E-04	-2.68E+00	0.00E+00	0.00E+00	-2.96E+00	1.53E-19	-5.88E-01	0.00E+00	7.68E-09	-5.00E-08	-1.67E-03	0.00E+00	-4.64E-01	0.00E+00	-5.88E-01	-5.16E-05	-5.88E-01	-1.14E+00	-4.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
MB340A	-3.18E-02	-1.79E-01	-9.66E-04	-3.41E-01	0.00E+00	0.00E+00	-5.34E+00	-3.42E-03	-1.30E-03	-1.92E-02	0.00E+00	4.60E-20	-5.72E-09	-3.94E-07	-2.69E-03	-3.44E+00	0.00E+00	0.00E+00	-5.16E+00	1.53E-19	-1.12E+00	0.00E+00	2.38E-09	-6.92E-08	-6.27E-03	0.00E+00	-6.51E-01	0.00E+00	-1.12E+00	-9.71E-05	-1.12E+00	-1.85E+00	-6.51E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+02
MB350A	-2.77E-02	-3.40E-01	-8.14E-03	-9.72E-02	0.00E+00	0.00E+00	-6.27E+00	-2.22E-03	-8.24E-04	-1.04E-02	0.00E+00	4.60E-20	-5.17E-09	-3.75E-07	-1.91E-03	-4.02E+00	0.00E+00	0.00E+00	-5.93E+00	1.53E-19	-3.50E+00	0.00E+00	-7.45E-09	-6.72E-08	-3.16E-03	0.00E+00	-8.93E-01	0.00E+00	-3.50E+00	-8.52E-05	-3.50E+00	-4.73E+00	-8.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+02
MB363A	-4.52E-02	-4.14E-01	-9.48E-03	-4.08E-01	0.00E+00	0.00E+00	-8.67E+00	-4.68E-03	-1.45E-03	-2.50E-02	0.00E+00	4.60E-20	-6.53E-09	-5.53E-07	-2.59E-03	-5.37E+00	0.00E+00	0.00E+00	-7.50E+00	1.53E-19	-3.85E+00	0.00E+00	-7.25E-09	-9.37E-08	-6.29E-03	0.00E+00	-1.02E+00	0.00E+00	-3.85E+00	-1.23E-04	-3.85E+00	-5.18E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-3.30E+02
MB406A	-8.76E-03	6.48E-03	3.20E-03	-2.07E-03	0.00E+00	0.00E+00	-9.34E-01	-9.78E-04	-1.93E-04	-5.65E-03	0.00E+00	4.60E-20	-1.89E-09	-1.00E-07	-1.92E-03	-1.95E+00	0.00E+00	0.00E+00	-1.63E+00	1.53E-19	-7.52E-02	0.00E+00	1.48E-09	-2.21E-08	-1.97E-03	0.00E+00	-2.69E-01	0.00E+00	-7.52E-02	-2.58E-05	-7.52E-02	-2.22E-01	-2.69E-01	0.00E+00	0.00E+00	0.00E+00	-7.58E+01
MB410A	-8.58E-03	-3.28E-02	2.25E-03	1.95E-03	0.00E+00	0.00E+00	-7.58E-01	-9.30E-04	-1.45E-04	-6.29E-03	0.00E+00	4.60E-20	-2.53E-09	-8.26E-08	-9.99E-04	-1.88E+00	0.00E+00	0.00E+00	-1.54E+00	1.53E-19	-3.74E-01	0.00E+00	5.31E-10	-2.50E-08	-1.79E-03	0.00E+00	-2.82E-01	0.00E+00	-3.74E-01	-1.82E-05	-3.74E-01	-5.96E-01	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-7.17E+01
MB413A	-7.21E-03	4.50E-02	2.87E-03	6.40E-02	0.00E+00	0.00E+00	-8.18E-01	-9.34E-04	4.23E-04	-4.53E-03	0.00E+00	4.60E-20	-2.28E-09	-7.38E-08	-7.13E-05	-1.37E+00	0.00E+00	0.00E+00	-1.56E+00	1.53E-19	-2.02E-01	0.00E+00	1.01E-09	-1.41E-08	-1.14E-03	0.00E+00	-2.51E-01	0.00E+00	-2.02E-01	-2.08E-05	-2.02E-01	-3.96E-01	-2.51E-01	0.00E+00	0.00E+00	0.00E+00	-7.02E+01
MB416A	-5.66E-03	1.61E-02	2.79E-03	8.07E-02	0.00E+00	0.00E+00	-3.44E-01	-9.60E-04	1.50E-04	-4.59E-03	0.00E+00	4.60E-20	-2.46E-09	-6.31E-08	2.95E-04	-1.60E+00	0.00E+00	0.00E+00	-1.07E+00	1.53E-19	9.28E-02	0.00E+00	2.83E-09	-1.70E-08	-1.53E-03	0.00E+00	-2.46E-01	0.00E+00	9.28E-02	-2.03E-05	9.28E-02	-1.35E-02	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-5.50E+01
MB420A	-6.01E-03	6.26E-02	3.08E-03	1.13E-01	0.00E+00	0.00E+00	-1.37E-01	-9.01E-04	5.13E-04	-3.16E-03	0.00E+00	4.60E-20	-1.93E-09	-5.24E-08	3.67E-04	-1.33E+00	0.00E+00	0.00E+00	-8.24E-01	1.53E-19	7.04E-01	0.00E+00	9.05E-09	-9.91E-09	-1.00E-03	0.00E+00	-1.67E-01	0.00E+00	7.04E-01	-1.83E-05	7.04E-01	5.91E-01	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-4.46E+01
MB425A	-1.70E-02	3.82E-02	2.49E-03	1.15E-01	0.00E+00	0.00E+00	-1.82E+00	-2.05E-03	2.81E-04	-8.35E-03	0.00E+00	4.60E-20	-2.12E-09	-2.14E-07	-2.76E-03	-2.13E+00	0.00E+00	0.00E+00	-2.40E+00	1.53E-19	9.51E-02	0.00E+00	7.15E-09	-3.76E-08	-2.69E-03	0.00E+00	-3.09E-01	0.00E+00	9.51E-02	-5.55E-05	9.51E-02	-2.36E-01	-3.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MB432A	-3.77E-02	-4.16E-02	-7.22E-04	1.41E-02	0.00E+00	0.00E+00	-5.13E+00	-4.36E-03	1.30E-03	-1.92E-02	0.00E+00	4.60E-20	-5.46E-09	-3.30E-07	-2.17E-03	-2.79E+00	0.00E+00	0.00E+00	-5.47E+00	1.53E-19	-1.52E+00	0.00E+00	3.09E-09	-7.45E-08	-6.12E-03	0.00E+00	-8.74E-01	0.00E+00	-1.52E+00	-1.06E-04	-1.52E+00	-2.44E+00	-8.74E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+02
MB440A	-2.99E-02	-1.33E-01	-7.86E-04	-2.58E-01	0.00E+00	0.00E+00	-5.06E+00	-5.00E-03	-5.31E-04	-1.61E-02	0.00E+00	4.60E-20	-6.04E-09	-3.24E-07	-1.18E-03	-3.82E+00	0.00E+00	0.00E+00	-4.86E+00	1.53E-19	-4.14E-01	0.00E+00	3.37E-09	-6.58E-08	-5.77E-03	0.00E+00	-6.57E-01	0.00E+00	-4.14E-01	-9.44E-05	-4.14E-01	-1.54E+00	-6.57E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+02
MB450A	-6.10E-02	-3.96E-01	-1.02E-02	-3.50E-01	0.00E+00	0.00E+00	-9.55E+00	-6.03E-03	-2.76E-03	-3.44E-02	0.00E+00	4.60E-20	-8.62E-09	-6.73E-07	-5.78E-03	-6.81E+00	0.00E+00	0.00E+00	-8.59E+00	1.53E-19	-3.60E+00	0.00E+00	-1.03E-08	-1.18E-07	-1.01E-02	0.00E+00	-1.07E+00	0.00E+00	-3.60E+00	-1.69E-04	-3.60E+00	-4.71E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-3.71E+02
MB463A	-6.10E-02	-3.66E-01	-1.01E-02	-2.99E-01	0.00E+00	0.00E+00	-8.74E+00	-6.00E-03	-2.68E-03	-3.35E-02	0.00E+00	4.60E-20	-8.62E-09	-6.74E-07	-1.62E-03	-6.45E+00	0.00E+00	0.00E+00	-8.01E+00	1.53E-19	-3.39E+00	0.00E+00	-9.12E-09	-1.14E-07	-9.75E-03	0.00E+00	-9.38E-01	0.00E+00	-3.39E+00	-1.69E-04	-3.39E+00	-4.44E+00	-9.38E-01	0.00E+00	0.00E+00	0.00E+00	-3.48E+02
MB506A	-4.42E-03	5.49E-02	2.72E-03	4.18E-02	0.00E+00	0.00E+00	-1.09E-01	-3.30E-04	1.25E-04	-1.67E-03	0.00E+00	4.60E-20	-8.65E-10	-2.91E-08	-4.69E-03	-9.96E-01	0.00E+00	0.00E+00	-7.66E-01	1.53E-19	-9.25E-02	0.00E+00	4.04E-09	-7.56E-09	-5.50E-04	0.00E+00	-1.76E-01	0.00E+00	-9.25E-02	-9.58E-06	-9.25E-02	-1.49E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-3.85E+01
MB510A	-4.93E-03	4.88E-02	3.46E-03	4.68E-02	0.00E+00	0.00E+00	-2.05E-01	-3.58E-04	2.02E-04	-1.54E-03	0.00E+00	4.60E-20	-1.08E-09	-3.32E-08	-3.38E-03	-9.24E-01	0.00E+00	0.00E+00	-8.63E-01	1.53E-19	-1.72E-01	0.00E+00	5.33E-09	-1.05E-08	-6.16E-04	0.00E+00	-1.85E-01	0.00E+00	-1.72E-01	-1.01E-05	-1.72E-01	-1.91E-01	-1.85E-01	0.00E+00	0.00E+00	0.00E+00	-4.16E+01
MB513A	-4.73E-03	8.55E-03	3.29E-03	-7.09E-03	0.00E+00	0.00E+00	-3.08E-01	-5.34E-04	1.52E-04	-2.08E-03	0.00E+00	4.60E-20	-1.15E-09	-5.17E-08	-2.61E-03	-9.84E-01	0.00E+00	0.00E+00	-9.34E-01	1.53E-19	-2.17E-01	0.00E+00	5.35E-09	-1.15E-08	-8.38E-04	0.00E+00	-1.80E-01	0.00E+00	-2.17E-01	-1.71E-05	-2.17E-01	-1.59E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-4.63E+01

MB516A	-2.21E-03	1.54E-02	3.05E-03	-5.97E-03	0.00E+00	0.00E+00	-4.66E-01	-4.54E-04	1.46E-04	-1.34E-03	0.00E+00	4.60E-20	-1.02E-09	-4.31E-08	-1.47E-03	-8.94E-01	0.00E+00	0.00E+00	-1.02E+00	1.53E-19	-3.22E-01	0.00E+00	6.35E-09	-5.97E-09	-5.73E-04	0.00E+00	-1.71E-01	0.00E+00	-3.22E-01	-1.70E-05	-3.22E-01	-4.83E-01	-1.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.76E+01
MB520A	-2.75E-03	4.30E-03	2.90E-03	-2.10E-02	0.00E+00	0.00E+00	-3.90E-01	-3.85E-04	2.46E-04	-2.10E-03	0.00E+00	4.60E-20	-7.16E-10	-4.28E-08	-1.98E-03	-6.85E-01	0.00E+00	0.00E+00	-1.02E+00	1.53E-19	-1.22E-01	0.00E+00	6.45E-09	-9.42E-09	-7.82E-04	0.00E+00	-1.66E-01	0.00E+00	-1.22E-01	-1.53E-05	-1.22E-01	-2.80E-01	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
MB525A	-3.37E-03	7.70E-02	2.38E-03	-4.64E-02	0.00E+00	0.00E+00	-1.14E+00	-5.84E-04	7.86E-05	-3.27E-03	0.00E+00	4.60E-20	-8.28E-10	-5.68E-08	-2.45E-04	-1.31E+00	0.00E+00	0.00E+00	-1.36E+00	1.53E-19	-2.28E-01	0.00E+00	6.30E-09	-7.40E-09	-1.32E-03	0.00E+00	-1.72E-01	0.00E+00	-2.28E-01	-2.16E-05	-2.28E-01	-3.42E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.35E+01
MB532A	-4.79E-03	1.94E-02	2.21E-03	9.76E-03	0.00E+00	0.00E+00	-1.46E+00	-9.93E-04	4.92E-04	-2.85E-03	0.00E+00	4.60E-20	-1.21E-09	-5.92E-08	-1.52E-03	-8.28E-01	0.00E+00	0.00E+00	-1.57E+00	1.53E-19	-2.10E-02	0.00E+00	6.17E-09	-1.41E-08	-8.68E-04	0.00E+00	-1.83E-01	0.00E+00	-2.10E-02	-1.87E-05	-2.10E-02	-2.75E-01	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.93E+01
MB563A	-5.46E-03	-1.96E-01	-3.95E-03	-3.84E-02	0.00E+00	0.00E+00	-1.35E+00	-1.08E-03	6.11E-04	-2.21E-03	0.00E+00	4.60E-20	-1.60E-09	-1.34E-07	-4.67E-03	-1.73E+00	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	-1.76E+00	0.00E+00	-3.46E-09	-3.79E-08	-1.42E-03	0.00E+00	-4.60E-01	0.00E+00	-1.76E+00	-3.48E-05	-1.76E+00	-2.51E+00	-4.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.49E+01
MBA150	-3.64E-03	5.25E-02	2.49E-03	3.67E-02	0.00E+00	0.00E+00	-6.49E-02	-3.21E-04	2.27E-04	-1.11E-03	0.00E+00	4.60E-20	-4.90E-10	-2.83E-08	6.46E-05	-4.19E-01	0.00E+00	0.00E+00	-1.99E-01	1.53E-19	3.39E-01	0.00E+00	4.84E-09	-8.40E-09	-2.92E-04	0.00E+00	-3.91E-02	0.00E+00	3.39E-01	-1.01E-05	3.39E-01	2.73E-01	-3.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
MBA163	-1.03E-03	1.28E-02	2.38E-03	2.60E-02	0.00E+00	0.00E+00	2.74E-01	-2.22E-04	5.00E-04	-4.26E-04	0.00E+00	4.60E-20	-4.30E-10	-1.24E-08	-3.80E-04	-2.34E-01	0.00E+00	0.00E+00	2.10E-02	1.53E-19	1.23E-01	0.00E+00	4.18E-09	-3.05E-09	-7.22E-05	0.00E+00	-6.81E-03	0.00E+00	1.23E-01	-5.45E-06	1.23E-01	1.73E-01	-6.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.97E-01
MBA232	-6.07E-03	-5.52E-03	3.25E-03	2.67E-03	0.00E+00	0.00E+00	-1.11E-01	-2.41E-04	4.96E-04	-1.85E-03	0.00E+00	4.60E-20	-1.62E-09	-4.38E-08	3.04E-05	-1.46E+00	0.00E+00	0.00E+00	-8.78E-01	1.53E-19	7.32E-02	0.00E+00	2.44E-09	-1.34E-08	-7.69E-04	0.00E+00	-2.73E-01	0.00E+00	7.32E-02	-1.42E-05	7.32E-02	-1.76E-02	-2.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.19E+01
MBN006	-1.61E-03	1.90E-02	1.53E-03	6.88E-03	0.00E+00	0.00E+00	-1.58E-02	-1.76E-04	1.46E-04	-6.91E-04	0.00E+00	4.60E-20	-5.63E-10	-1.78E-08	-1.23E-03	-3.67E-01	0.00E+00	0.00E+00	-2.61E-01	1.53E-19	5.85E-02	0.00E+00	9.30E-10	-4.77E-09	-2.78E-04	0.00E+00	-7.02E-02	0.00E+00	5.85E-02	-4.40E-06	5.85E-02	1.78E-02	-7.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
MBN010	-1.39E-03	1.56E-02	9.65E-04	9.19E-03	0.00E+00	0.00E+00	9.71E-03	-2.01E-04	1.38E-04	-5.83E-04	0.00E+00	4.60E-20	-5.26E-10	-2.16E-08	-1.20E-03	-2.97E-01	0.00E+00	0.00E+00	-2.56E-01	1.53E-19	1.19E-01	0.00E+00	2.14E-09	-4.26E-09	-3.03E-04	0.00E+00	-8.05E-02	0.00E+00	1.19E-01	-6.94E-06	1.19E-01	2.65E-02	-8.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
MBN013	-3.38E-03	-2.48E-02	6.27E-04	-2.54E-02	0.00E+00	0.00E+00	-3.82E-01	-3.45E-04	-1.42E-04	-1.85E-03	0.00E+00	2.27E-20	-5.96E-10	-3.93E-08	1.85E-03	-9.96E-01	0.00E+00	0.00E+00	-5.47E-01	7.50E-20	2.95E-02	0.00E+00	1.63E-09	-6.93E-09	-5.72E-04	0.00E+00	-1.44E-01	0.00E+00	2.95E-02	-1.02E-05	2.95E-02	-1.14E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
MBN016	5.34E-04	1.08E-01	2.73E-03	1.05E-01	0.00E+00	0.00E+00	6.35E-01	-5.63E-06	2.94E-04	9.10E-04	0.00E+00	3.81E-20	-1.26E-10	2.94E-09	4.31E-03	9.29E-03	0.00E+00	0.00E+00	3.04E-01	1.34E-19	7.52E-01	0.00E+00	7.15E-09	1.91E-09	1.90E-04	0.00E+00	5.11E-02	0.00E+00	7.52E-01	-2.88E-07	7.52E-01	8.03E-01	5.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E+00
MBN020	-2.65E-03	1.90E-02	9.91E-04	9.23E-03	0.00E+00	0.00E+00	6.40E-02	-2.10E-04	1.25E-04	-1.63E-03	0.00E+00	4.60E-20	-6.15E-10	-3.69E-08	9.07E-05	-2.98E-01	0.00E+00	0.00E+00	-1.49E-01	1.53E-19	1.84E-01	0.00E+00	2.36E-09	-4.64E-09	-4.94E-04	0.00E+00	-5.32E-02	0.00E+00	1.84E-01	-1.04E-05	1.84E-01	9.88E-02	-5.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.17E+00
MBN025	-2.49E-03	1.53E-02	1.40E-03	1.38E-02	0.00E+00	0.00E+00	-2.55E-01	-3.92E-04	1.03E-04	-1.44E-03	0.00E+00	4.60E-20	-3.98E-10	-3.82E-08	2.15E-03	-3.37E-01	0.00E+00	0.00E+00	-3.17E-01	1.53E-19	1.35E-01	0.00E+00	3.33E-09	-4.62E-09	-3.59E-04	0.00E+00	-4.65E-02	0.00E+00	1.35E-01	-1.30E-05	1.35E-01	7.11E-02	-4.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
MBN032	-6.29E-03	3.46E-02	1.31E-03	2.80E-02	0.00E+00	0.00E+00	-4.38E-01	-7.51E-04	2.65E-04	-3.41E-03	0.00E+00	4.60E-20	-7.41E-10	-7.01E-08	-1.85E-03	-6.53E-01	0.00E+00	0.00E+00	-6.32E-01	1.53E-19	1.72E-01	0.00E+00	2.69E-09	-1.26E-08	-9.16E-04	0.00E+00	-9.37E-02	0.00E+00	1.72E-01	-2.19E-05	1.72E-01	6.58E-02	-9.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
MBN040	-4.30E-03	4.23E-02	2.03E-03	5.12E-02	0.00E+00	0.00E+00	-3.37E-01	-3.95E-04	4.29E-04	-1.97E-03	0.00E+00	4.60E-20	-6.96E-10	-4.14E-08	-1.98E-03	-5.87E-01	0.00E+00	0.00E+00	-5.24E-01	1.53E-19	1.96E-01	0.00E+00	4.44E-09	-7.44E-09	-3.77E-04	0.00E+00	-8.18E-02	0.00E+00	1.96E-01	-1.23E-05	1.96E-01	1.17E-01	-8.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
MBN106	4.62E-04	1.11E-01	2.71E-03	1.08E-01	0.00E+00	0.00E+00	6.23E-01	-5.02E-06	2.47E-04	9.23E-04	0.00E+00	3.69E-20	-4.70E-11	2.50E-09	-1.15E-03	9.42E-02	0.00E+00	0.00E+00	3.09E-01	1.30E-19	6.85E-01	0.00E+00	6.99E-09	1.80E-09	1.92E-04	0.00E+00	3.86E-02	0.00E+00	6.85E-01	-1.44E-07	6.85E-01	7.23E-01	3.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+01
MBN106A	-9.01E-04	1.91E-02	1.02E-03	2.40E-02	0.00E+00	0.00E+00	-2.96E-02	-9.18E-05	1.39E-04	-4.18E-04	0.00E+00	4.60E-20	-5.53E-10	-9.03E-09	-1.20E-03	-3.60E-01	0.00E+00	0.00E+00	-2.68E-01	1.53E-19	2.78E-02	0.00E+00	2.16E-09	-3.89E-09	-2.74E-04	0.00E+00	-6.25E-02	0.00E+00	2.78E-02	-2.50E-06	2.78E-02	-3.34E-02	-6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
MBN106E	-3.17E-03	-1.24E-01	-1.70E-03	-1.22E-01	0.00E+00	0.00E+00	-9.50E-01	-2.94E-04	-2.02E-04	-2.51E-03	0.00E+00	2.12E-21	-1.21E-09	-3.38E-08	-1.80E-03	-8.11E-01	0.00E+00	0.00E+00	-1.15E+00	5.31E-21	-1.20E+00	0.00E+00	-5.46E-09	-1.31E-08	-8.99E-04	0.00E+00	-1.87E-01	0.00E+00	-1.20E+00	-9.31E-06	-1.20E+00	-1.39E+00	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.87E+01
MBN106W	-1.52E-03	6.82E-03	1.52E-03	-4.04E-03	0.00E+00	0.00E+00	2.41E-02	-1.50E-04	1.45E-04	-5.71E-04	0.00E+00	4.60E-20	-5.83E-10	-1.07E-08	-1.63E-03	-3.74E-01	0.00E+00	0.00E+00	-2.73E-01	1.53E-19	2.02E-02	0.00E+00	5.70E-11	-4.71E-09	-2.79E-04	0.00E+00	-6.99E-02	0.00E+00	2.02E-02	-3.80E-06	2.02E-02	-4.42E-02	-6.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
MBN110	-2.34E-04	-8.28E-02	-4.02E-04	-8.24E-02	0.00E+00	0.00E+00	-1.63E-01	-2.55E-05	6.70E-05	-7.86E-04	0.00E+00	3.36E-21	-6.84E-10	-1.03E-09	-8.36E-04	-6.46E-01	0.00E+00	0.00E+00	-4.03E-01	1.01E-20	-7.30E-01	0.00E+00	-2.96E-09	-6.37E-09	-3.69E-04	0.00E+00	-1.21E-01	0.00E+00	-7.30E-01	-1.37E-06	-7.30E-01	-8.51E-01	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.70E+01
MBN110E	3.62E-04	3.99E-02	2.28E-03	3.76E-02	0.00E+00	0.00E+00	6.35E-01	1.25E-06	1.65E-04	4.20E-04	0.00E+00	2.36E-20	6.31E-11	2.63E-09	3.27E-03	-1.58E-01	0.00E+00	0.00E+00	4.46E-01	8.03E-20	6.86E-01	0.00E+00	5.14E-09	2.28E-09	1.26E-04	0.00E+00	3.38E-02	0.00E+00	6.86E-01	1.50E-07	6.86E-01	7.20E-01	3.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+01
MBN110W	-8.71E-04	2.48E-02	1.50E-03	2.47E-02	0.00E+00	0.00E+00	5.71E-02	-1.21E-04	1.26E-04	-4.51E-04	0.00E+00	4.60E-20	-2.92E-10	-7.51E-09	2.05E-03	-3.86E-01	0.00E+00	0.00E+00	-8.15E-02	1.53E-19	1.86E-01	0.00E+00	3.39E-09	-2.22E-09	-1.77E-04	0.00E+00	-3.23E-02	0.00E+00	1.86E-01	-2.45E-06	1.86E-01	1.53E-01	-3.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.66E+00
MBN113	-9.62E-04	3.32E-03	5.23E-04	5.94E-03	0.00E+00	0.00E+00	-1.04E-01	-1.10E-04	1.45E-04	-4.61E-04	0.00E+00	4.60E-20	-6.48E-10	-2.53E-08	1.51E-04	-4.10E-01	0.00E+00	0.00E+00	-4.09E-01	1.53E-19	-9.31E-02	0.00E+00	1.06E-09	-4.24E-09	-2.50E-04	0.00E+00	-9.70E-02	0.00E+00	-9.31E-02	-2.92E-06	-9.31E-02	-2.21E-01	-9.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.91E+01
MBN113E	6.82E-04	1.37E-01	3.34E-03	1.34E-01	0.00E+00	0.00E+00	8.18E-01	1.39E-06	3.20E-04	1.21E-03	0.00E+00	4.28E-20	6.09E-11	3.85E-09	5.25E-03	6.59E-02	0.00E+00	0.00E+00	5.00E-01	1.50E-19	1.09E+00	0.00E+00	9.05E-09	4.04E-09	3.14E-04	0.00E+00	7.84E-02	0.00E+00	1.09E+00	8.82E-08	1.09E+00	1.17E+00	7.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E+01
MBN116E	-6.81E-04	1.59E-02	8.24E-04	1.10E-02	0.00E+00	0.00E+00	1.28E-01	-2.82E-05	1.41E-04	-3.08E-04	0.00E+00	4.60E-20	-5.74E-10	-4.14E-09	-9.15E-04	-2.52E-01	0.00E+00	0.00E+00	-1.42E-01	1.53E-19	1.13E-01	0.00E+00	4.58E-09	-2.67E-09	-1.40E-04	0.00E+00	-4.41E-02	0.00E+00	1.13E-01	-1.84E-06	1.13E-01	5.70E-02	-4.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.27E+00
MBN116W	-9.46E-04	2.62E-02	1.48E-03	2.55E-02	0.00E+00	0.00E+00	4.49E-02	-1.46E-04	1.29E-04	-4.46E-04	0.00E+00	4.60E-20	-3.07E-10	-1.36E-08	1.99E-03	-3.72E-01	0.00E+00	0.00E+00	-9.61E-02	1.53E-19	1.72E-01	0.00E+00	3.39E-09	-2.55E-09	-1.76E-04	0.00E+00	-3.32E-02	0.00E+00	1.72E-01	-4.14E-06	1.72E-01	1.36E-01	-3.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.64E+00
MBN120	-3.37E-03	-1.10E-01	-1.52E-03	-1.09E-01	0.00E+00	0.00E+00	-9.73E-01	-3.19E-04	-2.01E-04	-2.51E-03	0.00E+00	5.50E-22	-1.09E-09	-3.68E-08	-1.79E-03	-9.14E-01	0.00E+00	0.00E+00	-1.07E+00	2.11E-21	-1.06E+00	0.00E+00	-4.82E-09	-1.24E-08	-8.69E-04	0.00E+00	-1.92E-01	0.00E+00	-1.06E+00	-9.86E-06	-1.06E+00	-1.25E+00	-1.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.53E+01
MBN120E	-2.32E-03	2.61E-02	9.04E-04	5.10E-03	0.00E+00	0.00E+00	7.60E-02	-8.87E-05	1.28E-04	-1.44E-03	0.00E+00	4.60E-20	-6.10E-10	-2.99E-08	-5.14E-04	-3.07E-01	0.00E+00	0.00E+00	-1.65E-01	1.53E-19	1.87E-01	0.00E+00	4.38E-09	-4.45E-09	-4.40E-04	0.00E+00	-4.53E-02	0.00E+00	1.87E-01	-8.57E-06	1.87E-01	1.09E-01	-4.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.97E+00
MBN125	7.83E-04	1.17E-01	3.47E-03	1.13E-01	0.00E+00	0.00E+00	7.41E-01	-4.81E-06	4.54E-04	1.02E-03	0.00E+00	4.17E-20	-1.08E-11	4.77E-09	4.73E-03	-1.89E-01	0.00E+00	0.00E+00	5.28E-01	1.44E-19	8.82E-01	0.00E+00	7.88E-09	2.71E-09	2.37E-04	0.00E+00	4.37E-02	0.00E+00	8.82E-01	-1.31E-07	8.82E-01	9.25E-01	4.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E+01
MBN125A	-1.64E-03	1.72E-02	1.61E-03	2.39E-02	0.00E+00	0.00E+00	-3.32E-02	-2.53E-04	1.40E-04	-1.07E-03	0.00E+00	4.60E-20	-4.50E-10	-1.98E-08	-8.47E-04	-2.78E-01	0.00E+00	0.00E+00	-3.43E-01	1.53E-19	9.98E-02	0.00E+00	4.38E-09	-3.07E-09	-6.24E-05	0.00E+00	-2.49E-02	0.00E+00	9.98E-02	-5.09E-06	9.98E-02	1.22E-01	-2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
MBN125E	5.34E-04	1.82E-02	2.49E-03	1.57E-02	0.00E+00	0.00E+00	6.51E-01	-5.04E-06	3.86E-04	2.23E-04	0.00E+00	2.54E-20	-1.30E-10	4.37E-09	-1.81E-03	-1.63E-01	0.00E+00	0.00E+00	2.17E-01	8.82E-20	5.05E-01	0.00E+00	5.18E-09	6.29E-10	4.55E-05	0.00E+00	-8.82E-03	0.00E+00	5.05E-01	-3.21E-07	5.05E-01	4.96E-01	-8.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E+00
MBN125W	-1.45E-03	9.03E-03	1.56E-03	1.21E-02	0.00E+00	0.00E+00	-3.37E-01	-5.52E-05	1.10E-04	-1.17E-03	0.00E+00	4.60E-20	-3.59E-10	-6.30E-09	1.72E-03	-3.39E-01	0.00E+00	0.00E+00	-2.62E-01	1.53E-19	8.76E-02	0.00E+00	3.17E-09	-3.34E-09	-2.57E-04	0.00E+00	-5.18E-02	0.00E+00	8.76E-02	-1.30E-06	8.76E-02	-8.66E-03	-5.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.37E+01
MBN132	-1.27E-02	-1.08E-01	-1.98E-03	-1.06E-01	0.00E+00	0.00E+00	-2.81E+00	-1.26E-03	-5.63E-04	-7.20E-03	0.00E+00	1.50E-20	-1.77E-09	-1.47E-07	-6.36E-03	-1.74E+00	0.00E+00	0.00E+00	-2.52E+00	5.10E-20	-9.59E-01	0.00E+00	-3.58E-09	-2.50E-08	-2.09E-03	0.00E+00	-3.65E-01	0.00E+00	-9.59E-01	-3.78E-05	-9.59E-01	-1.32E+00	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
MBN132A	-7.64E-03	3.01E-02	1.08E-03	5.31E-02	0.00E+00	0.00E+00	-1.41E+00	-1.04E-03	1.32E-04	-4.02E-03	0.00E+00	4.60E-20	-1.25E-09	-9.92E-08	-9.80E-04	-9.53E-01	0.00E+00	0.00E+00	-1.36E+00	1.53E-19	3.96E-02	0.00E+00	2.64E-09	-1.66E-08	-1.29E-03	0.00E+00	-1.43E-01	0.00E+00	3.96E-02	-2.82E-05	3.96E-02	-9.87E-02	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.72E+01
MBN132E	8.49E-04	-3.38E-02	2.19E-03	-3.60E-02	0.00E+00	0.00E+00	3.89E-01	-1.62E-05	7.85E-04	-2.34E-04	0.00E+00	1.51E-20	-4.70E-10	7.40E-09	-3.42E-03	-6.02E-01	0.00E+00	0.00E+00	-5.70E-02	5.55E-20	-4.95E-02	0.00E+00	2.26E-09	-2.52E-09	-1.21E-04	0.00E+00	-1.01E-01	0.00E+00	-4.95E-02	-1.04E-06	-4.95E-02	-1.50E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.13E+00
MBN132W	-8.23E-03	2.23E-02	1.47E-03	3.82E-02	0.00E+00	0.00E+00	-2.15E-01	-6.85E-04	3.01E-04	-3.70E-03	0.00E+00	4.60E-20	-1.13E-09	-6.60E-08	-1.56E-03	-8.00E-01	0.00E+00	0.00E+00	-6.30E-01	1.53E-19	2.04E-01	0.00E+00	2.66E-09	-1.78E-08	-1.06E-03	0.00E+00	-1.33E-01	0.00E+00	2.04E-01	-1.66E-05	2.04E-01	1.13E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.34E+01
MBN140	-4.39E-03	4.47E-02	2.15E-03	4.68E-02	0.00E+00	0.00E+00	-2.30E-01	-4.37E-04	4.68E-04	-2.26E-03	0.00E+00	4.60E-20	-5.20E-10	-5.14E-08	-2.01E-03	-5.78E-01	0.00E+00	0.00E+00	-3.78E-01	1.53E-19	1.98E-01	0.00E+00	4.12E-09	-7.37E-09	-3.84E-04	0.00E+00	-6.30E-02	0.00E+00	1.98E-01	-1.35E-05	1.98E-01	1.36E-01	-6.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.90E+01
MBN140A	-5.09E-03	3.84E-02	1.79E-03	6.87E-02	0.00E+00	0.00E+00	-1.33E+00	-7.42E-04	3.41E-04	-3.04E-03	0.00E+00	4.60E-20	-1.12E-09	-7.74E-08	-9.21E-04	-8.21E-01	0.00E+00	0.00E+00	-1.30E+00	1.53E-19	5.75E-02	0.00E+00	4.74E-09	-1.21E-08	-8.10E-04	0.00E+00	-1.32E-01	0.00E+00	5.75E-02	-2.06E-05	5.75E-02	-4.24E-02	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.41E+01
MBN140E	-3.73E-03	4.80E-02	2.19E-03	5.13E-02	0.00E+00	0.00E+00	-1.72E-01	-3.12E-04	4.76E-04	-1.79E-03	0.00E+00	4.60E-20	-5.07E-10	-4.34E-08	-1.86E-03	-5.10E-01	0.00E+00	0.00E+00	-3.50E-01	1.53E-19	2.23E-01	0.00E+00	4.77E-09	-6.03E-09	-3.55E-04	0.00E+00	-4.58E-02	0.00E+00	2.23E-01	-1.02E-05	2.23E-01	1.47E-01	-4.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
MBN140W	-7.19E-03	3.06E-02	2.18E-03	5.36E-02	0.00E+00	0.00E+00	-1.49E-01	-4.39E-04	4.62E-04	-2.67E-03	0.00E+00	4.60E-20	-1.09E-09	-5.42E-08	-1.70E-03	-7.55E-01	0.00E+00	0.00E+00	-5.55E-01	1.53E-19	2.19E-01	0.00E+00	4.26E-09	-1.44E-08	-7.78E-04	0.00E+00	-1.30E-01	0.00E+00	2.19E-01	-1.05E-05	2.19E-01	1.52E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.96E+01
MBN150	-5.86E-03	3.02E-02	4.76E-04	-9.66E-03	0.00E+00	0.00E+00	-8.38E-01	-6.22E-04	9.41E-05	-1.72E-03	0.00E+00	4.60E-20	-7.23E-10	-4.79E-08	-1.31E-03	-5.45E-01	0.00E+00	0.00E+00	-8.45E-01	1.53E-19	-4.56E-01	0.00E+00	-6.89E-10	-1.28E-08	-1.26E-03	0.00E+00	-1.21E-01	0.00E+00	-4.56E-01	-1.74E-05	-4.56E-01	-6.22E-01	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.56E+01
MBN150E	-5.86E-03	3.02E-02	4.76E-04	-9.66E-03	0.00E+00	0.00E+00	-8.38E-01	-6.22E-04	9.62E-05	-1.70E-03	0.00E+00	4.60E-20	-7.19E-10	-4.79E-08	-1.31E-03	-5.44E-01	0.00E+00	0.00E+00	-8.35E-01	1.53E-19	-4.56E-01	0.00E+00	-6.89E-10	-1.28E-08	-1.23E-03	0.00E+00	-1.21E-01	0.00E+00	-4.56E-01	-1.74E-05	-4.56E-01	-6.22E-01	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.56E+01
MBN150W	-5.63E-03	2.88E-02	4.76E-04	-9.47E-03	0.00E+00	0.00E+00	-8.11E-01	-5.87E-04	1.13E-04	-1.59E-03	0.00E+00	4.60E-20	-6.82E-10	-4.76E-08	-1.25E-03	-5.37E-01	0.00E+00	0.00E+00	-7.59E-01	1.53E-19	-4.52E-01	0.00E+00	-7.30E-10	-1.22E-08	-1.20E-03	0.00E+00	-1.18E-01	0.00E+00	-4.52E-01	-1.73E-05	-4.52E-01	-5.99E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
MBN163	-2.43E-03	3.74E-02	5.19E-04	5.63E-03	0.00E+00	0.00E+00	-6.13E-01	-4.64E-04	5.22E-04	-9.45E-04	0.00E+00	4.60E-20	-6.59E-10	-3.08E-08	-1.35E-03	-4.50E-01	0.00E+00	0.00E+00	-7.45E-01	1.53E-19	-4.55E-01	0.00E+00	6.70E-10	-1.23E-08	-9.07E-04	0.00E+00	-1.08E-01	0.00E+00	-4.55E-01	-1.21E-05	-4.55E-01	-6.38E-01	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
MBN163A	-2.89E-03	-8.57E-02	-1.83E-04	1.92E-02	0.00E+00	0.00E+00	-9.77E-01	-5.79E-04	3.89E-04	-2.05E-03	0.00E+00	4.60E-20	-1.02E-09	-5.81E-08	-3.43E-03	-1.03E+00	0.00E+00	0.00E+00	-9.35E-01	1.53E-19	-5.98E-01	0.00E+00	8.18E-10	-8.62E-09	-9.89E-04	0.00E+00	-2.20E-01	0.00E+00	-5.98E-01	-1.77E-05	-5.98E-01	-1.08E+00	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.05E+01
MBN163E	-2.41E-03	3.74E-02	5.19E-04	5.63E-03	0.00E+00	0.00E+00	-6.25E-01	-4.64E-04	5.21E-04	-9.53E-04	0.00E+00	4.60E-20	-6.41E-10	-3.08E-08	-1.33E-03	-4.02E-01	0.00E+00	0.00E+00	-7.31E-01	1.53E-19	-4.55E-01	0.00E+00	6.33E-10	-1.22E-08	-9.07E-04	0.00E+00	-1.01E-01	0.00E+00	-4.55E-01	-1.21E-05	-4.55E-01	-6.30E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
MBN163W	-2.54E-03	3.59E-02	4.73E-04	3.97E-03	0.00E+00	0.00E+00	-6.26E-01	-4.61E-04	5.29E-04	-9.57E-04	0.00E+00	4.60E-20	-7.45E-10	-3.24E-08	-1.40E-03	-4.70E-01	0.00E+00	0.00E+00	-7.78E-01	1.53E-19	-5.27E-01	0.00E+00	5.07E-10	-1.22E-08	-9.24E-04	0.00E+00	-1.17E-01	0.00E+00	-5.27E-01	-1.26E-05	-5.27E-01	-6.36E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.20E+01
MBN206	-4.38E-03	3.22E-02	3.69E-03	2.58E-02	0.00E+00	0.00E+00	2.67E-01	-3.76E-04	1.66E-04	-1.18E-03	0.00E+00	4.60E-20	-6.01E-10	-2.60E-08	-8.86E-03	-5.76E-01	0.00E+00	0.00E+00	-3.55E-01	1.53E-19	1.69E-01	0.00E+00	3.89E-09	-5.57E-09	-5.18E-04	0.00E+00	-1.38E-01	0.00E+00	1.69E-01	-8.72E-06	1.69E-01	1.40E-01	-1.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.57E+01
MBN206E	1.12E-03	2.54E-01	6.51E-03	2.48E-01	0.00E+00	0.00E+00	1.62E+00	3.03E-06	5.27E-04	2.24E-03	0.00E+00	8.20E-20	2.72E-10	6.68E-09	-8.31E-03	-2.18E-02	0.00E+00	0.00E+00	8.90E-01	2.88E-19	1.86E+00	0.00E+00	1.71E-08	6.64E-09	5.74E-04	0.00E+00	3.73E-02	0.00E+00	1.86E+00	4.30E-07	1.86E+00	1.90E+00	3.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E+01
MBN210	-2.39E-03	2.57E-02	2.28E-03	5.69E-03	0.00E+00	0.00E+00	1.80E-01	-1.96E-04	1.69E-04	-5.53E-04	0.00E+00	4.60E-20	-1.09E-09	-9.88E-09	-5.40E-03	-6.05E-01	0.00E+00	0.00E+00	-4.09E-01	1.53E-19	1.00E-01	0.00E+00	8.53E-09	-4.35E-09	-3.99E-04	0.00E+00	-1.27E-01	0.00E+00	1.00E-01	-5.28E-06	1.00E-01	1.24E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.12E+01
MBN210E	7.82E-04	1.87E-01	4.78E-03	1.82E-01	0.00E+00	0.00E+00	1.19E+00	-1.04E-05	4.73E-04	1.57E-03	0.00E+00	6.97E-20	-2.48E-10	4.66E-09	-1.04E-02	2.12E-02	0.00E+00	0.00E+00	2.36E-01	2.49E-19	1.12E+00	0.00E+00	1.31E-08	1.98E-09	3.06E-04	0.00E+00	-1.91E-02	0.00E+00	1.12E+00	-5.48E-07	1.12E+00	1.10E+00	-1.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E+00
MBN213	-2.78E-03	1.04E-02	1.25E-03	-2.11E-02	0.00E+00	0.00E+00	-1.45E-01	-5.16E-04	1.52E-04	-1.48E-03	0.00E+00	4.60E-20	-1.29E-09	-4.81E-08	-7.21E-03	-5.73E-01	0.00E+00	0.00E+00	-9.23E-01	1.53E-19	-1.39E-01	0.00E+00	7.56E-09	-1.24E-08	-9.27E-04	0.00E+00	-1.75E-01	0.00E+00	-1.39E-01	-1.45E-05	-1.39E-01	-2.04E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.11E+01
MBN213E	-2.91E-03	-1.27E-03	1.63E-03	-2.18E-02	0.00E+00	0.00E+00	-2.17E-01	-4.24E-04	1.51E-04	-1.56E-03	0.00E+00	4.60E-20	-1.64E-09	-3.54E-08	-7.65E-03	-7.62E-01	0.00E+00	0.00E+00	-9.89E-01	1.53E-19	-2.14E-01	0.00E+00	6.57E-09	-1.29E-08	-9.25E-04	0.00E+00	-1.84E-01	0.00E+00	-2.14E-01	-1.47E-05	-2.14E-01	-2.71E-01	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.57E+01
MBN216	-2.58E-03	-3.63E-03	1.59E-03	-2.97E-02	0.00E+00	0.00E+00	-1.92E-01	-4.67E-04	1.60E-04	-1.66E-03	0.00E+00	4.60E-20	-1.31E-09	-4.14E-08	-7.31E-03	-5.60E-01	0.00E+00	0.00E+00	-1.06E+00	1.53E-19	-2.05E-01	0.00E+00	7.03E-09	-1.16E-08	-8.28E-04	0.00E+00	-1.90E-01	0.00E+00	-2.05E-01	-1.55E-05	-2.05E-01	-3.48E-01	-1.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-4.89E+01
MBN216A	-6.25E-03	5.23E-04	1.87E-03	-4.81E-03	0.00E+00	0.00E+00	-3.65E-01	-4.63E-04	1.21E-04	-2.35E-03	0.00E+00	4.60E-20	-1.39E-09	-6.09E-08	-5.89E-03	-1.03E+00	0.00E+00	0.00E+00	-1.08E+00	1.53E-19	-2.47E-01	0.00E+00	1.79E-09	-1.28E-08	-8.76E-04	0.00E+00	-2.06E-01	0.00E+00	-2.47E-01	-1.64E-05	-2.47E-01	-3.25E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.06E+01
MBN216E	-7.78E-03	-2.48E-01	-3.23E-03	-2.45E-01	0.00E+00	0.00E+00	-2.20E+00	-7.39E-04	-4.61E-04	-5.76E-03	0.00E+00	1.24E-20	-2.49E-09	-8.51E-08	-3.17E-03	-1.88E+00	0.00E+00	0.00E+00	-2.39E+00	3.05E-20	-2.36E+00	0.00E+00	-1.07E-08	-2.83E-08	-2.00E-03	0.00E+00	-4.02E-01	0.00E+00	-2.36E+00	-2.28E-05	-2.36E+00	-2.77E+00	-4.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MBN220	-2.90E-03	-2.81E-02	1.32E-03	-6.34E-02	0.00E+00	0.00E+00	-3.28E-01	-4.56E-04	2.11E-04	-2.08E-03	0.00E+00	4.60E-20	-1.55E-09	-3.90E-08	-7.13E-03	-6.52E-01	0.00E+00	0.00E+00	-1.11E+00	1.53E-19	-3.68E-01	0.00E+00	3.88E-09	-1.42E-08	-9.88E-04	0.00E+00	-1.98E-01	0.00E+00	-3.68E-01	-1.58E-05	-3.68E-01	-4.59E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.18E+01
MBN220A	-6.22E-03	-2.34E-02	1.32E-03	-3.49E-02	0.00E+00	0.00E+00	-5.34E-01	-4.57E-04	1.44E-04	-2.78E-03	0.00E+00	4.60E-20	-1.59E-09	-5.59E-08	-5.75E-03	-1.04E+00	0.00E+00	0.00E+00	-1.23E+00	1.53E-19	-3.36E-01	0.00E+00	-9.97E-11	-1.42E-08	-9.63E-04	0.00E+00	-2.21E-01	0.00E+00	-3.36E-01	-1.65E-05	-3.36E-01	-4.66E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.82E+01
MBN220E	-3.07E-03	-2.87E-02	1.32E-03	-6.05E-02	0.00E+00	0.00E+00	-3.45E-01	-4.43E-04	2.11E-04	-2.09E-03	0.00E+00	4.60E-20	-1.56E-09	-4.13E-08	-7.13E-03	-6.18E-01	0.00E+00	0.00E+00	-1.13E+00	1.53E-19	-3.81E-01	0.00E+00	4.04E-09	-1.48E-08	-1.06E-03	0.00E+00	-2.05E-01	0.00E+00	-3.81E-01	-1.56E-05	-3.81E-01	-4.66E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.34E+01
MBN225	-4.75E-03	-5.55E-02	1.54E-03	-9.70E-02	0.00E+00	0.00E+00	-1.22E+00	-8.24E-04	7.39E-05	-4.36E-03	0.00E+00	4.60E-20	-2.03E-09	-7.35E-08	-8.32E-03	-1.09E+00	0.00E+00	0.00E+00	-1.57E+00	1.53E-19	-4.93E-01	0.00E+00	-4.16E-10	-2.16E-08	-1.50E-03	0.00E+00	-2.47E-01	0.00E+00	-4.93E-01	-2.75E-05	-4.93E-01	-8.46E-01	-2.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.01E+01
MBN225A	-3.30E-03	-4.86E-02	3.56E-04	-1.12E-01	0.00E+00	0.00E+00	-9.48E-01	-5.17E-04	1.02E-04	-3.15E-03	0.00E+00	4.60E-20	-1.72E-09	-4.58E-08	-6.81E-03	-9.90E-01	0.00E+00	0.00E+00	-1.48E+00	1.53E-19	-4.74E-01	0.00E+00	-2.11E-09	-1.53E-08	-1.21E-03	0.00E+00	-2.37E-01	0.00E+00	-4.74E-01	-1.58E-05	-4.74E-01	-7.55E-01	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.30E+01
MBN225E	-4.75E-03	-5.55E-02	1.54E-03	-9.70E-02	0.00E+00	0.00E+00	-1.22E+00	-8.24E-04	7.39E-05	-4.36E-03	0.00E+00	4.60E-20	-2.03E-09	-7.35E-08	-8.32E-03	-1.09E+00	0.00E+00	0.00E+00	-1.57E+00	1.53E-19	-4.93E-01	0.00E+00	-4.16E-10	-2.16E-08	-1.50E-03	0.00E+00	-2.47E-01	0.00E+00	-4.93E-01	-2.75E-05	-4.93E-01	-8.46E-01	-2.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.01E+01
MBN232	-7.42E-03	4.11E-02	2.56E-03	7.93E-02	0.00E+00	0.00E+00	-9.62E-01	-5.16E-04	4.69E-04	-4.13E-03	0.00E+00	4.60E-20	-2.19E-09	-9.78E-08	-2.94E-03	-1.45E+00	0.00E+00	0.00E+00	-1.35E+00	1.53E-19	1.77E-01	0.00E+00	4.32E-09	-1.90E-08	-1.63E-03	0.00E+00	-2.75E-01	0.00E+00	1.77E-01	-3.16E-05	1.77E-01	-6.05E-02	-2.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.99E+01
MBN232A	-8.08E-03	1.74E-02	1.20E-03	4.09E-02	0.00E+00	0.00E+00	-1.81E+00	-5.81E-04	1.53E-04	-5.62E-03	0.00E+00	4.60E-20	-1.76E-09	-1.20E-07	-3.13E-03	-1.34E+00	0.00E+00	0.00E+00	-1.76E+00	1.53E-19	5.37E-02	0.00E+00	3.31E-09	-2.28E-08	-1.89E-03	0.00E+00	-2.01E-01	0.00E+00	5.37E-02	-3.75E-05	5.37E-02	-1.29E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.37E+01
MBN232E	-5.90E-03	4.30E-02	2.83E-03	8.49E-02	0.00E+00	0.00E+00	-7.62E-01	-4.20E-04	5.25E-04	-3.67E-03	0.00E+00	4.60E-20	-1.77E-09	-8.78E-08	-3.05E-03	-1.20E+00	0.00E+00	0.00E+00	-1.16E+00	1.53E-19	2.07E-01	0.00E+00	4.66E-09	-1.49E-08	-1.52E-03	0.00E+00	-1.94E-01	0.00E+00	2.07E-01	-2.80E-05	2.07E-01	-1.22E-02	-1.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-5.25E+01
MBN240	-1.26E-02	1.18E-01	2.77E-03	1.03E-01	0.00E+00	0.00E+00	-1.38E+00	-4.62E-04	2.86E-04	-4.48E-03	0.00E+00	4.60E-20	-2.33E-09	-1.20E-07	7.02E-04	-1.60E+00	0.00E+00	0.00E+00	-1.45E+00	1.53E-19	2.00E-01	0.00E+00	5.76E-09	-1.64E-08	-1.58E-03	0.00E+00	-2.59E-01	0.00E+00	2.00E-01	-3.71E-05	2.00E-01	-6.50E-02	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.55E+01
MBN240A	-8.90E-03	1.08E-01	2.38E-03	1.52E-01	0.00E+00	0.00E+00	-1.61E+00	-6.32E-04	6.41E-04	-2.05E-03	0.00E+00	4.60E-20	-2.34E-09	-9.57E-08	2.19E-03	-1.28E+00	0.00E+00	0.00E+00	-1.66E+00	1.53E-19	2.34E-01	0.00E+00	6.09E-09	-1.90E-08	-1.39E-03	0.00E+00	-2.24E-01	0.00E+00	2.34E-01	-2.60E-05	2.34E-01	1.43E-02	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.59E+01
MBN240E	-1.40E-02	1.09E-01	2.74E-03	1.05E-01	0.00E+00	0.00E+00	-1.40E+00	-5.08E-04	2.89E-04	-5.71E-03	0.00E+00	4.60E-20	-2.35E-09	-1.27E-07	5.82E-04	-1.72E+00	0.00E+00	0.00E+00	-1.58E+00	1.53E-19	1.27E-01	0.00E+00	6.02E-09	-2.28E-08	-1.79E-03	0.00E+00	-2.67E-01	0.00E+00	1.27E-01	-3.95E-05	1.27E-01	-1.35E-01	-2.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.11E+01
MBN250	-2.23E-02	-9.35E-03	-2.34E-03	-8.41E-02	0.00E+00	0.00E+00	-2.62E+00	-2.04E-03	-2.67E-04	-1.86E-03	0.00E+00	4.60E-20	-1.33E-09	-4.74E-08	-4.25E-03	-2.41E+00	0.00E+00	0.00E+00	-2.48E+00	1.53E-19	-1.21E+00	0.00E+00	-5.77E-09	-3.70E-08	-3.57E-03	0.00E+00	-4.56E-01	0.00E+00	-1.21E+00	-7.03E-05	-1.21E+00	-1.83E+00	-4.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MBN250A	-1.01E-02	-1.57E-01	-2.51E-03	-1.94E-02	0.00E+00	0.00E+00	-1.60E+00	-1.23E-03	-1.57E-04	-1.87E-03	0.00E+00	4.60E-20	-9.57E-10	-5.41E-08	-6.69E-03	-1.96E+00	0.00E+00	0.00E+00	-1.30E+00	1.53E-19	-1.57E+00	0.00E+00	-3.49E-09	-1.82E-08	-1.86E-03	0.00E+00	-3.27E-01	0.00E+00	-1.57E+00	-3.40E-05	-1.57E+00	-1.76E+00	-3.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.07E+01
MBN250E	-2.23E-02	-9.35E-03	-2.34E-03	-8.41E-02	0.00E+00	0.00E+00	-2.62E+00	-2.04E-03	-2.67E-04	-1.86E-03	0.00E+00	4.60E-20	-1.33E-09	-4.74E-08	-4.25E-03	-2.41E+00	0.00E+00	0.00E+00	-2.48E+00	1.53E-19	-1.21E+00	0.00E+00	-5.77E-09	-3.70E-08	-3.59E-03	0.00E+00	-4.56E-01	0.00E+00	-1.21E+00	-7.03E-05	-1.21E+00	-1.83E+00	-4.56E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MBN263	-1.85E-02	4.15E-02	-2.35E-03	-3.05E-02	0.00E+00	0.00E+00	-2.37E+00	-1.89E-03	6.62E-05	-2.39E-03	0.00E+00	4.60E-20	-1.53E-09	-6.37E-08	-2.95E-03	-2.23E+00	0.00E+00	0.00E+00	-2.48E+00	1.53E-19	-1.22E+00	0.00E+00	-4.17E-09	-3.71E-08	-3.24E-03	0.00E+00	-4.12E-01	0.00E+00	-1.22E+00	-6.13E-05	-1.22E+00	-1.80E+00	-4.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
MBN263A	-6.97E-03	-1.80E-01	-2.18E-03	7.21E-02	0.00E+00	0.00E+00	-1.50E+00	-1.14E-03	1.35E-04	-8.34E-04	0.00E+00	4.60E-20	-1.53E-09	-5.29E-08	-4.54E-03	-1.83E+00	0.00E+00	0.00E+00	-1.37E+00	1.53E-19	-1.52E+00	0.00E+00	-2.23E-09	-1.76E-08	-1.57E-03	0.00E+00	-3.86E-01	0.00E+00	-1.52E+00	-3.13E-05	-1.52E+00	-2.19E+00	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.87E+01
MBN263E	-1.67E-02	8.13E-02	-1.84E-03	-9.86E-03	0.00E+00	0.00E+00	-2.41E+00	-1.87E-03	5.92E-05	-1.14E-03	0.00E+00	4.60E-20	-9.10E-10	-5.04E-08	-3.66E-03	-1.73E+00	0.00E+00	0.00E+00	-2.29E+00	1.53E-19	-6.00E-01	0.00E+00	1.11E-10	-3.13E-08	-3.11E-03	0.00E+00	-3.00E-01	0.00E+00	-6.00E-01	-6.12E-05	-6.00E-01	-1.02E+00	-3.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MBN306	-5.59E-03	6.00E-02	5.20E-03	7.92E-02	0.00E+00	0.00E+00	4.92E-01	-3.66E-04	1.90E-04	-6.97E-04	0.00E+00	4.60E-20	-6.92E-10	-2.46E-08	-6.24E-03	-1.02E+00	0.00E+00	0.00E+00	-2.70E-01	1.53E-19	5.02E-01	0.00E+00	1.04E-08	-5.25E-09	-2.99E-04	0.00E+00	-1.24E-01	0.00E+00	5.02E-01	-7.41E-06	5.02E-01	5.42E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
MBN306A	-5.47E-03	4.38E-02	2.24E-03	5.55E-02	0.00E+00	0.00E+00	3.40E-01	-4.49E-04	1.49E-04	-1.16E-03	0.00E+00	4.60E-20	-1.07E-09	-4.04E-08	-1.50E-03	-9.70E-01	0.00E+00	0.00E+00	-1.51E-01	1.53E-19	2.65E-01	0.00E+00	4.55E-09	-7.07E-09	-4.08E-04	0.00E+00	-8.32E-02	0.00E+00	2.65E-01	-1.51E-05	2.65E-01	4.21E-01	-8.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
MBN306E	1.12E-03	1.12E-01	7.68E-03	1.04E-01	0.00E+00	0.00E+00	2.24E+00	4.23E-06	6.11E-04	1.21E-03	0.00E+00	8.44E-20	2.42E-10	9.34E-09	-1.58E-02	-3.39E-01	0.00E+00	0.00E+00	9.76E-01	2.89E-19	2.02E+00	0.00E+00	1.81E-08	5.69E-09	3.67E-04	0.00E+00	-3.30E-02	0.00E+00	2.02E+00	3.58E-07	2.02E+00	1.98E+00	-3.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E+01
MBN310	-8.95E-03	-8.19E-02	-2.59E-03	-7.94E-02	0.00E+00	0.00E+00	-2.60E+00	-8.91E-04	-4.17E-04	-5.28E-03	0.00E+00	5.56E-20	-3.42E-09	-1.02E-07	-1.18E-03	-1.61E+00	0.00E+00	0.00E+00	-3.00E+00	1.87E-19	-2.60E+00	0.00E+00	-7.32E-09	-3.41E-08	-2.17E-03	0.00E+00	-3.87E-01	0.00E+00	-2.60E+00	-2.78E-05	-2.60E+00	-2.99E+00	-3.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E+02
MBN310A	-5.44E-03	-4.84E-02	1.92E-03	-3.99E-02	0.00E+00	0.00E+00	1.84E-01	-5.57E-04	1.17E-04	-2.87E-03	0.00E+00	4.60E-20	-1.54E-09	-4.73E-08	-2.36E-03	-1.18E+00	0.00E+00	0.00E+00	-6.43E-01	1.53E-19	-3.50E-01	0.00E+00	2.50E-10	-1.30E-08	-1.09E-03	0.00E+00	-1.78E-01	0.00E+00	-3.50E-01	-1.35E-05	-3.50E-01	-4.32E-01	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
MBN310E	1.81E-03	3.95E-01	9.55E-03	3.86E-01	0.00E+00	0.00E+00	2.36E+00	3.96E-06	8.09E-04	3.49E-03	0.00E+00	1.29E-19	1.99E-10	1.00E-08	1.55E-02	-3.12E-01	0.00E+00	0.00E+00	1.44E+00	4.45E-19	3.09E+00	0.00E+00	2.56E-08	1.11E-08	8.95E-04	0.00E+00	1.52E-01	0.00E+00	3.09E+00	2.59E-07	3.09E+00	3.24E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E+01

MBN313	-2.46E-03	1.87E-02	1.75E-03	9.10E-03	0.00E+00	0.00E+00	3.38E-01	-2.39E-04	1.76E-04	-9.18E-05	0.00E+00	4.60E-20	-2.28E-09	-2.76E-08	-8.47E-04	-1.15E+00	0.00E+00	0.00E+00	-4.83E-01	1.53E-19	6.72E-02	0.00E+00	6.60E-09	-6.51E-09	-2.52E-04	0.00E+00	-1.18E-01	0.00E+00	6.72E-02	-9.87E-06	6.72E-02	1.68E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
MBN313E	-2.84E-03	-5.87E-02	1.33E-03	-5.16E-02	0.00E+00	0.00E+00	3.14E-01	-3.55E-04	1.65E-04	-8.73E-04	0.00E+00	4.60E-20	-2.39E-09	-3.68E-08	-1.49E-03	-1.27E+00	0.00E+00	0.00E+00	-5.65E-01	1.53E-19	-8.48E-02	0.00E+00	5.30E-09	-1.57E-08	-6.32E-04	0.00E+00	-1.34E-01	0.00E+00	-8.48E-02	-1.19E-05	-8.48E-02	-1.09E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E+01
MBN316	1.72E-03	3.46E-01	8.98E-03	3.37E-01	0.00E+00	0.00E+00	1.99E+00	-1.48E-05	9.00E-04	2.93E-03	0.00E+00	1.23E-19	-8.88E-11	9.35E-09	1.38E-02	2.26E-01	0.00E+00	0.00E+00	1.35E+00	4.20E-19	2.47E+00	0.00E+00	2.22E-08	7.38E-09	6.43E-04	0.00E+00	2.20E-01	0.00E+00	2.47E+00	-3.78E-07	2.47E+00	2.69E+00	2.20E-01	0.00E+00	0.00E+00	0.00E+00	4.63E+01
MBN316A	-4.54E-03	-4.62E-02	1.08E-03	-3.86E-02	0.00E+00	0.00E+00	3.51E-01	-6.51E-04	1.64E-04	-2.99E-03	0.00E+00	4.60E-20	-1.88E-09	-4.87E-08	-3.61E-03	-1.06E+00	0.00E+00	0.00E+00	-5.74E-01	1.53E-19	-3.45E-01	0.00E+00	-4.50E-10	-1.69E-08	-1.20E-03	0.00E+00	-1.93E-01	0.00E+00	-3.45E-01	-1.34E-05	-3.45E-01	-5.85E-01	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
MBN316E	9.58E-04	6.43E-02	5.82E-03	5.84E-02	0.00E+00	0.00E+00	1.50E+00	-1.29E-05	5.82E-04	6.98E-04	0.00E+00	6.54E-20	-1.68E-10	7.06E-09	8.54E-03	-5.17E-01	0.00E+00	0.00E+00	8.87E-01	2.21E-19	1.41E+00	0.00E+00	1.22E-08	2.50E-09	1.32E-04	0.00E+00	5.16E-02	0.00E+00	1.41E+00	-4.46E-07	1.41E+00	1.46E+00	5.16E-02	0.00E+00	0.00E+00	0.00E+00	3.01E+01
MBN320	-2.83E-04	-2.58E-01	4.59E-05	-2.58E-01	0.00E+00	0.00E+00	-3.46E-01	-9.03E-05	6.00E-04	-2.49E-03	0.00E+00	2.99E-20	-2.38E-09	1.75E-10	-5.33E-04	-1.68E+00	0.00E+00	0.00E+00	-1.19E+00	8.72E-20	-2.22E+00	0.00E+00	-7.73E-09	-2.07E-08	-1.21E-03	0.00E+00	-3.16E-01	0.00E+00	-2.22E+00	-4.82E-06	-2.22E+00	-2.54E+00	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-5.13E+01
MBN320A	-2.61E-03	-2.55E-02	5.76E-04	-8.28E-02	0.00E+00	0.00E+00	2.88E-01	-5.83E-04	2.01E-04	-3.04E-03	0.00E+00	4.60E-20	-1.82E-09	-5.56E-08	-5.35E-03	-1.03E+00	0.00E+00	0.00E+00	-7.42E-01	1.53E-19	-3.37E-01	0.00E+00	-1.21E-10	-1.61E-08	-1.28E-03	0.00E+00	-2.43E-01	0.00E+00	-3.37E-01	-1.42E-05	-3.37E-01	-7.78E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
MBN320E	-1.44E-02	-4.14E-01	-6.37E-03	-4.08E-01	0.00E+00	0.00E+00	-4.05E+00	-1.36E-03	-8.24E-04	-1.03E-02	0.00E+00	1.13E-20	-4.33E-09	-1.58E-07	-6.03E-03	-3.25E+00	0.00E+00	0.00E+00	-4.58E+00	2.87E-20	-4.03E+00	0.00E+00	-1.85E-08	-4.89E-08	-3.49E-03	0.00E+00	-7.31E-01	0.00E+00	-4.03E+00	-4.21E-05	-4.03E+00	-4.77E+00	-7.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
MBN325	-1.69E-02	-3.79E-02	2.92E-03	-4.09E-02	0.00E+00	0.00E+00	-2.20E+00	-1.72E-03	-6.69E-04	-8.71E-03	0.00E+00	8.41E-20	-1.79E-09	-1.97E-07	-2.05E-02	-2.53E+00	0.00E+00	0.00E+00	-2.32E+00	2.77E-19	3.80E-01	0.00E+00	8.38E-09	-2.78E-08	-2.48E-03	0.00E+00	-4.78E-01	0.00E+00	3.80E-01	-4.92E-05	3.80E-01	-9.76E-02	-4.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MBN325A	-3.93E-03	-1.79E-02	2.17E-04	-8.41E-02	0.00E+00	0.00E+00	-1.44E+00	-8.28E-04	-1.76E-04	-6.52E-03	0.00E+00	4.60E-20	-2.05E-09	-9.03E-08	-9.01E-03	-1.03E+00	0.00E+00	0.00E+00	-2.09E+00	1.53E-19	-3.58E-01	0.00E+00	1.62E-09	-2.00E-08	-1.50E-03	0.00E+00	-3.16E-01	0.00E+00	-3.58E-01	-1.93E-05	-3.58E-01	-6.08E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-9.45E+01
MBN325E	-1.65E-02	1.99E-01	3.27E-03	1.96E-01	0.00E+00	0.00E+00	-2.60E+00	-1.74E-03	-5.28E-04	-7.04E-03	0.00E+00	1.17E-19	-2.28E-09	-1.99E-07	8.46E-03	-1.61E+00	0.00E+00	0.00E+00	-2.30E+00	3.95E-19	6.32E-01	0.00E+00	1.14E-08	-2.70E-08	-2.24E-03	0.00E+00	-2.08E-01	0.00E+00	6.32E-01	-5.02E-05	6.32E-01	4.24E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
MBN332	4.35E-03	4.86E-01	1.42E-02	4.71E-01	0.00E+00	0.00E+00	2.96E+00	4.67E-06	2.78E-03	4.36E-03	0.00E+00	1.36E-19	2.38E-10	3.01E-08	-9.94E-03	6.58E-02	0.00E+00	0.00E+00	1.57E+00	4.95E-19	3.46E+00	0.00E+00	3.27E-08	1.40E-08	1.22E-03	0.00E+00	9.94E-02	0.00E+00	3.46E+00	4.72E-08	3.46E+00	3.56E+00	9.94E-02	0.00E+00	0.00E+00	0.00E+00	5.44E+01
MBN332A	-1.39E-02	3.86E-03	-1.22E-03	1.30E-01	0.00E+00	0.00E+00	-3.98E+00	-2.35E-03	7.31E-04	-6.58E-03	0.00E+00	4.60E-20	-3.29E-09	-2.29E-07	-6.86E-03	-2.64E+00	0.00E+00	0.00E+00	-4.25E+00	1.53E-19	-1.02E+00	0.00E+00	6.23E-09	-4.84E-08	-2.38E-03	0.00E+00	-6.16E-01	0.00E+00	-1.02E+00	-5.91E-05	-1.02E+00	-1.65E+00	-6.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+02
MBN332E	-1.31E-03	2.64E-01	7.43E-03	2.56E-01	0.00E+00	0.00E+00	1.91E-01	-4.76E-04	2.13E-03	-1.70E-04	0.00E+00	1.02E-19	-1.91E-09	-3.07E-08	9.22E-03	1.09E-01	0.00E+00	0.00E+00	-6.21E-01	3.68E-19	7.17E-01	0.00E+00	1.49E-08	-8.70E-09	-3.85E-04	0.00E+00	6.50E-02	0.00E+00	7.17E-01	-1.84E-05	7.17E-01	7.82E-01	6.50E-02	0.00E+00	0.00E+00	0.00E+00	-3.57E+01
MBN340	-3.92E-02	-5.34E-01	-1.11E-02	-5.23E-01	0.00E+00	0.00E+00	-1.00E+01	-3.85E-03	-1.88E-03	-2.38E-02	0.00E+00	1.16E-20	-6.88E-09	-4.49E-07	-1.04E-02	-5.18E+00	0.00E+00	0.00E+00	-9.02E+00	2.99E-20	-5.38E+00	0.00E+00	-2.62E-08	-9.03E-08	-7.19E-03	0.00E+00	-1.16E+00	0.00E+00	-5.38E+00	-1.16E-04	-5.38E+00	-6.55E+00	-1.16E+00	0.00E+00	0.00E+00	0.00E+00	-3.84E+02
MBN340A	-2.45E-02	-1.41E-01	5.60E-04	-3.11E-01	0.00E+00	0.00E+00	-3.93E+00	-3.07E-03	-1.24E-03	-1.86E-02	0.00E+00	4.60E-20	-5.57E-09	-3.43E-07	-6.74E-03	-2.66E+00	0.00E+00	0.00E+00	-3.96E+00	1.53E-19	-1.06E+00	0.00E+00	5.55E-09	-5.34E-08	-5.53E-03	0.00E+00	-5.46E-01	0.00E+00	-1.06E+00	-7.79E-05	-1.06E+00	-1.55E+00	-5.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
MBN340E	-3.30E-02	-1.96E-01	-2.03E-03	-1.94E-01	0.00E+00	0.00E+00	-6.61E+00	-3.35E-03	-1.13E-03	-1.82E-02	0.00E+00	6.53E-20	-4.17E-09	-3.85E-07	-2.59E-02	-4.11E+00	0.00E+00	0.00E+00	-6.14E+00	2.24E-19	-1.42E+00	0.00E+00	-1.05E-09	-6.01E-08	-5.17E-03	0.00E+00	-8.97E-01	0.00E+00	-1.42E+00	-9.67E-05	-1.42E+00	-2.31E+00	-8.97E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+02
MBN350	-3.73E-02	-3.22E-02	-4.01E-03	4.02E-02	0.00E+00	0.00E+00	-5.68E+00	-2.82E-03	-1.46E-03	-2.26E-02	0.00E+00	4.60E-20	-6.00E-09	-5.44E-07	-3.79E-03	-3.01E+00	0.00E+00	0.00E+00	-5.46E+00	1.53E-19	-8.47E-01	0.00E+00	-3.87E-09	-6.52E-08	-5.11E-03	0.00E+00	-5.92E-01	0.00E+00	-8.47E-01	-1.04E-04	-8.47E-01	-1.41E+00	-5.92E-01	0.00E+00	0.00E+00	0.00E+00	-2.42E+02
MBN350A	-3.84E-02	-3.44E-01	-8.10E-03	-2.84E-02	0.00E+00	0.00E+00	-6.82E+00	-3.34E-03	-1.41E-03	-2.14E-02	0.00E+00	4.60E-20	-6.16E-09	-5.45E-07	-3.24E-03	-4.76E+00	0.00E+00	0.00E+00	-6.11E+00	1.53E-19	-3.37E+00	0.00E+00	-8.22E-09	-7.25E-08	-4.62E-03	0.00E+00	-8.67E-01	0.00E+00	-3.37E+00	-9.83E-05	-3.37E+00	-4.69E+00	-8.67E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+02
MBN350E	-4.64E-02	1.10E-01	-1.57E-03	1.12E-01	0.00E+00	0.00E+00	-9.73E+00	-4.75E-03	-1.76E-03	-2.29E-02	0.00E+00	1.32E-19	-5.50E-09	-5.51E-07	4.28E-03	-4.39E+00	0.00E+00	0.00E+00	-7.58E+00	4.47E-19	-8.87E-01	0.00E+00	4.00E-09	-7.72E-08	-6.66E-03	0.00E+00	-7.81E-01	0.00E+00	-8.87E-01	-1.36E-04	-8.87E-01	-1.67E+00	-7.81E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+02
MBN363	-4.27E-02	-2.46E-01	-5.85E-03	-3.70E-01	0.00E+00	0.00E+00	-7.29E+00	-3.95E-03	-1.75E-03	-2.19E-02	0.00E+00	4.60E-20	-6.16E-09	-5.64E-07	-7.99E-03	-4.60E+00	0.00E+00	0.00E+00	-6.89E+00	1.53E-19	-3.05E+00	0.00E+00	-7.29E-09	-8.59E-08	-7.49E-03	0.00E+00	-9.14E-01	0.00E+00	-3.05E+00	-1.22E-04	-3.05E+00	-3.87E+00	-9.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.95E+02
MBN363A	-4.57E-02	-3.95E-01	-9.09E-03	-3.03E-01	0.00E+00	0.00E+00	-8.30E+00	-4.65E-03	-1.74E-03	-2.32E-02	0.00E+00	4.60E-20	-6.40E-09	-5.62E-07	-5.75E-03	-5.57E+00	0.00E+00	0.00E+00	-7.41E+00	1.53E-19	-3.69E+00	0.00E+00	-7.49E-09	-9.32E-08	-6.64E-03	0.00E+00	-9.67E-01	0.00E+00	-3.69E+00	-1.18E-04	-3.69E+00	-4.99E+00	-9.67E-01	0.00E+00	0.00E+00	0.00E+00	-3.22E+02
MBN363E	-4.90E-02	-5.07E-01	-9.44E-03	-4.97E-01	0.00E+00	0.00E+00	-1.16E+01	-4.86E-03	-2.24E-03	-2.85E-02	0.00E+00	3.75E-20	-7.12E-09	-5.65E-07	-3.60E-02	-6.02E+00	0.00E+00	0.00E+00	-9.95E+00	1.14E-19	-4.99E+00	0.00E+00	-2.18E-08	-1.02E-07	-8.39E-03	0.00E+00	-1.38E+00	0.00E+00	-4.99E+00	-1.41E-04	-4.99E+00	-6.38E+00	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	-4.24E+02
MBN406	-9.43E-03	-1.38E-02	3.08E-03	1.45E-02	0.00E+00	0.00E+00	-8.05E-01	-9.19E-04	5.44E-05	-3.94E-03	0.00E+00	4.60E-20	-2.07E-09	-1.18E-07	-4.61E-03	-2.05E+00	0.00E+00	0.00E+00	-1.89E+00	1.53E-19	-4.48E-01	0.00E+00	3.63E-09	-2.44E-08	-1.86E-03	0.00E+00	-3.89E-01	0.00E+00	-4.48E-01	-2.68E-05	-4.48E-01	-7.69E-01	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-8.79E+01
MBN406E	-9.79E-03	-2.06E-02	3.49E-03	2.21E-02	0.00E+00	0.00E+00	-9.51E-01	-9.55E-04	2.72E-06	-3.75E-03	0.00E+00	4.60E-20	-1.99E-09	-1.16E-07	-4.62E-03	-2.05E+00	0.00E+00	0.00E+00	-1.95E+00	1.53E-19	-3.50E-01	0.00E+00	5.85E-09	-2.14E-08	-1.60E-03	0.00E+00	-3.91E-01	0.00E+00	-3.50E-01	-2.69E-05	-3.50E-01	-6.21E-01	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-9.08E+01
MBN410	-6.74E-03	-7.84E-02	1.70E-03	-1.17E-01	0.00E+00	0.00E+00	-1.08E-01	-7.77E-04	2.04E-04	-4.09E-03	0.00E+00	4.60E-20	-3.01E-09	-8.02E-08	2.16E-03	-1.80E+00	0.00E+00	0.00E+00	-1.12E+00	1.53E-19	-5.42E-01	0.00E+00	1.01E-09	-2.94E-08	-1.89E-03	0.00E+00	-2.71E-01	0.00E+00	-5.42E-01	-1.63E-05	-5.42E-01	-8.95E-01	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-5.21E+01
MBN410E	-6.48E-03	-8.10E-02	1.70E-03	-1.26E-01	0.00E+00	0.00E+00	-1.04E-01	-6.10E-04	2.36E-04	-4.11E-03	0.00E+00	4.60E-20	-3.01E-09	-7.38E-08	2.16E-03	-1.80E+00	0.00E+00	0.00E+00	-1.12E+00	1.53E-19	-5.42E-01	0.00E+00	1.01E-09	-2.93E-08	-1.85E-03	0.00E+00	-2.74E-01	0.00E+00	-5.42E-01	-1.59E-05	-5.42E-01	-8.95E-01	-2.74E-01	0.00E+00	0.00E+00	0.00E+00	-5.22E+01
MBN413	-4.47E-03	-7.40E-02	1.51E-03	-1.10E-01	0.00E+00	0.00E+00	1.57E-01	-7.04E-04	2.78E-04	-3.65E-03	0.00E+00	4.60E-20	-2.99E-09	-6.76E-08	1.76E-03	-1.91E+00	0.00E+00	0.00E+00	-9.07E-01	1.53E-19	-2.14E-01	0.00E+00	1.24E-09	-2.73E-08	-1.56E-03	0.00E+00	-2.60E-01	0.00E+00	-2.14E-01	-1.47E-05	-2.14E-01	-3.63E-01	-2.60E-01	0.00E+00	0.00E+00	0.00E+00	-4.74E+01
MBN413E	-3.98E-03	-7.47E-02	1.29E-03	-1.14E-01	0.00E+00	0.00E+00	3.25E-01	-6.02E-04	3.01E-04	-3.74E-03	0.00E+00	4.60E-20	-2.94E-09	-6.81E-08	1.86E-03	-1.85E+00	0.00E+00	0.00E+00	-8.48E-01	1.53E-19	-2.08E-01	0.00E+00	1.24E-09	-2.87E-08	-1.66E-03	0.00E+00	-2.57E-01	0.00E+00	-2.08E-01	-1.21E-05	-2.08E-01	-4.36E-01	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	-4.41E+01
MBN416	-1.82E-03	-6.74E-02	1.57E-03	-1.25E-01	0.00E+00	0.00E+00	7.40E-01	-4.77E-04	4.21E-04	-2.95E-03	0.00E+00	4.60E-20	-3.11E-09	-3.51E-08	1.41E-03	-1.81E+00	0.00E+00	0.00E+00	-7.55E-01	1.53E-19	-2.11E-01	0.00E+00	2.45E-09	-2.75E-08	-1.65E-03	0.00E+00	-2.19E-01	0.00E+00	-2.11E-01	-1.28E-05	-2.11E-01	-4.69E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
MBN416E	-2.94E-04	-2.76E-01	6.70E-04	-2.77E-01	0.00E+00	0.00E+00	2.21E-02	-9.53E-05	6.47E-04	-2.59E-03	0.00E+00	4.49E-20	-2.80E-09	7.48E-10	1.63E-03	-2.42E+00	0.00E+00	0.00E+00	-1.48E+00	1.43E-19	-2.08E+00	0.00E+00	-5.50E-09	-2.23E-08	-1.27E-03	0.00E+00	-4.37E-01	0.00E+00	-2.08E+00	-5.54E-06	-2.08E+00	-2.52E+00	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-6.62E+01
MBN420	-6.13E-03	-3.25E-02	3.55E-03	-4.52E-02	0.00E+00	0.00E+00	8.37E-01	-9.02E-04	5.09E-04	-2.78E-03	0.00E+00	4.60E-20	-2.46E-09	-5.67E-08	-9.35E-04	-1.93E+00	0.00E+00	0.00E+00	-4.47E-01	1.53E-19	1.11E+00	0.00E+00	9.57E-09	-2.60E-08	-1.58E-03	0.00E+00	-1.09E-01	0.00E+00	1.11E+00	-1.73E-05	1.11E+00	1.02E+00	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.96E+01
MBN420E	-4.06E-03	-3.61E-02	3.29E-03	-3.95E-02	0.00E+00	0.00E+00	1.06E+00	-7.52E-04	6.18E-04	-1.33E-03	0.00E+00	4.60E-20	-2.39E-09	-4.17E-08	5.36E-04	-1.74E+00	0.00E+00	0.00E+00	-2.06E-01	1.53E-19	1.09E+00	0.00E+00	9.76E-09	-2.41E-08	-1.18E-03	0.00E+00	-9.89E-02	0.00E+00	1.09E+00	-1.43E-05	1.09E+00	1.08E+00	-9.89E-02	0.00E+00	0.00E+00	0.00E+00	-2.02E+01
MBN425	-2.13E-02	-4.31E-02	4.32E-03	-7.64E-02	0.00E+00	0.00E+00	-2.06E+00	-2.38E-03	-1.46E-04	-1.12E-02	0.00E+00	4.60E-20	-2.25E-09	-2.62E-07	-3.21E-03	-2.55E+00	0.00E+00	0.00E+00	-2.31E+00	1.53E-19	7.39E-01	0.00E+00	5.09E-09	-4.36E-08	-3.38E-03	0.00E+00	-2.53E-01	0.00E+00	7.39E-01	-6.56E-05	7.39E-01	1.72E-01	-2.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
MBN425E	-2.27E-02	-9.35E-02	2.07E-03	-9.55E-02	0.00E+00	0.00E+00	-3.66E+00	-2.32E-03	-9.40E-04	-1.22E-02	0.00E+00	1.07E-19	-3.10E-09	-2.66E-07	7.47E-03	-2.64E+00	0.00E+00	0.00E+00	-3.26E+00	3.40E-19	-5.63E-02	0.00E+00	5.72E-09	-4.10E-08	-3.63E-03	0.00E+00	-3.79E-01	0.00E+00	-5.63E-02	-6.70E-05	-5.63E-02	-4.36E-01	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
MBN432	-3.15E-02	-4.72E-02	1.35E-03	-1.73E-01	0.00E+00	0.00E+00	-6.59E+00	-4.91E-03	1.26E-03	-1.32E-02	0.00E+00	4.60E-20	-5.16E-09	-3.58E-07	-5.68E-03	-2.94E+00	0.00E+00	0.00E+00	-6.25E+00	1.53E-19	-2.46E+00	0.00E+00	4.35E-09	-4.22E-08	-4.57E-03	0.00E+00	-8.75E-01	0.00E+00	-2.46E+00	-9.23E-05	-2.46E+00	-3.26E+00	-8.75E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+02
MBN432E	-3.15E-02	-4.72E-02	2.64E-03	-1.69E-01	0.00E+00	0.00E+00	-6.59E+00	-4.91E-03	1.26E-03	-1.32E-02	0.00E+00	4.60E-20	-5.16E-09	-3.58E-07	-5.68E-03	-2.95E+00	0.00E+00	0.00E+00	-6.25E+00	1.53E-19	-2.46E+00	0.00E+00	4.35E-09	-4.22E-08	-4.57E-03	0.00E+00	-8.73E-01	0.00E+00	-2.46E+00	-9.23E-05	-2.46E+00	-3.26E+00	-8.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+02
MBN440	-2.24E-02	-6.58E-03	9.50E-04	-1.88E-01	0.00E+00	0.00E+00	-4.64E+00	-5.00E-03	1.81E-04	-1.24E-02	0.00E+00	4.60E-20	-5.90E-09	-2.78E-07	-7.30E-03	-3.75E+00	0.00E+00	0.00E+00	-4.45E+00	1.53E-19	-7.86E-01	0.00E+00	6.42E-09	-4.98E-08	-5.09E-03	0.00E+00	-4.87E-01	0.00E+00	-7.86E-01	-8.99E-05	-7.86E-01	-1.13E+00	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+02
MBN440E	-2.03E-02	1.39E-02	1.33E-03	-1.88E-01	0.00E+00	0.00E+00	-4.46E+00	-5.00E-03	3.25E-04	-1.05E-02	0.00E+00	4.60E-20	-5.82E-09	-2.76E-07	-6.86E-03	-3.70E+00	0.00E+00	0.00E+00	-4.38E+00	1.53E-19	-7.52E-01	0.00E+00	6.28E-09	-4.95E-08	-5.07E-03	0.00E+00	-4.88E-01	0.00E+00	-7.52E-01	-8.53E-05	-7.52E-01	-1.08E+00	-4.88E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
MBN450	-6.33E-02	-2.06E-01	-9.08E-03	-3.79E-01	0.00E+00	0.00E+00	-9.58E+00	-6.27E-03	-2.85E-03	-3.56E-02	0.00E+00	4.60E-20	-8.49E-09	-7.12E-07	-7.15E-03	-6.86E+00	0.00E+00	0.00E+00	-8.73E+00	1.53E-19	-3.28E+00	0.00E+00	-1.15E-08	-1.22E-07	-1.04E-02	0.00E+00	-1.08E+00	0.00E+00	-3.28E+00	-1.73E-04	-3.28E+00	-4.45E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-3.74E+02
MBN450E	-6.33E-02	-1.88E-01	-8.92E-03	-3.66E-01	0.00E+00	0.00E+00	-9.52E+00	-6.28E-03	-2.84E-03	-3.51E-02	0.00E+00	4.60E-20	-8.50E-09	-7.04E-07	-6.97E-03	-6.74E+00	0.00E+00	0.00E+00	-8.73E+00	1.53E-19	-3.24E+00	0.00E+00	-1.11E-08	-1.22E-07	-1.03E-02	0.00E+00	-1.08E+00	0.00E+00	-3.24E+00	-1.72E-04	-3.24E+00	-4.43E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-3.73E+02
MBN463	-6.32E-02	-2.21E-01	-8.73E-03	-3.67E-01	0.00E+00	0.00E+00	-8.72E+00	-6.26E-03	-2.76E-03	-3.46E-02	0.00E+00	4.60E-20	-8.49E-09	-7.04E-07	-3.99E-03	-6.53E+00	0.00E+00	0.00E+00	-7.91E+00	1.53E-19	-2.79E+00	0.00E+00	-1.15E-08	-1.17E-07	-9.99E-03	0.00E+00	-9.45E-01	0.00E+00	-2.79E+00	-1.72E-04	-2.79E+00	-3.68E+00	-9.45E-01	0.00E+00	0.00E+00	0.00E+00	-3.37E+02
MBN463E	-6.32E-02	-2.16E-01	-8.73E-03	-3.52E-01	0.00E+00	0.00E+00	-8.95E+00	-6.25E-03	-2.75E-03	-3.42E-02	0.00E+00	4.60E-20	-8.49E-09	-7.04E-07	-3.99E-03	-6.45E+00	0.00E+00	0.00E+00	-8.23E+00	1.53E-19	-2.92E+00	0.00E+00	-1.11E-08	-1.17E-07	-9.95E-03	0.00E+00	-9.52E-01	0.00E+00	-2.92E+00	-1.72E-04	-2.92E+00	-3.76E+00	-9.52E-01	0.00E+00	0.00E+00	0.00E+00	-3.53E+02
MBN506	-1.85E-03	5.58E-02	2.68E-03	-3.20E-02	0.00E+00	0.00E+00	3.57E-02	-3.42E-04	2.07E-04	-5.94E-04	0.00E+00	4.60E-20	-1.29E-09	-1.06E-08	-1.01E-02	-7.43E-01	0.00E+00	0.00E+00	-7.20E-01	1.53E-19	1.42E-01	0.00E+00	3.75E-09	-5.81E-09	-5.11E-04	0.00E+00	-1.54E-01	0.00E+00	1.42E-01	-5.67E-06	1.42E-01	-6.24E-02	-1.54E-01	0.00E+00	0.00E+00	0.00E+00	-3.17E+01
MBN506E	-5.35E-04	-1.86E-01	-1.02E-03	-1.85E-01	0.00E+00	0.00E+00	-4.08E-01	-6.15E-05	1.83E-04	-1.84E-03	0.00E+00	1.18E-20	-1.71E-09	-2.39E-09	-1.16E-03	-7.90E-01	0.00E+00	0.00E+00	-1.07E+00	3.54E-20	-1.71E+00	0.00E+00	-6.61E-09	-1.50E-08	-8.75E-04	0.00E+00	-1.91E-01	0.00E+00	-1.71E+00	-3.37E-06	-1.71E+00	-1.90E+00	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-4.56E+01
MBN510	-1.79E-03	4.50E-02	3.40E-03	2.57E-02	0.00E+00	0.00E+00	3.51E-02	-2.95E-04	3.20E-04	-4.20E-04	0.00E+00	4.60E-20	-1.22E-09	-1.01E-08	-6.92E-03	-6.33E-01	0.00E+00	0.00E+00	-5.80E-01	1.53E-19	1.58E-01	0.00E+00	8.53E-09	-8.53E-09	-4.54E-04	0.00E+00	-1.26E-01	0.00E+00	1.58E-01	-3.88E-06	1.58E-01	7.56E-02	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
MBN510E	-7.17E-04	-2.25E-01	-1.52E-03	-2.23E-01	0.00E+00	0.00E+00	-4.34E-01	-6.14E-05	1.59E-04	-2.13E-03	0.00E+00	4.33E-21	-1.76E-09	-2.66E-09	-2.03E-02	-1.32E+00	0.00E+00	0.00E+00	-1.47E+00	1.66E-20	-2.09E+00	0.00E+00	-7.57E-09	-1.72E-08	-9.57E-04	0.00E+00	-3.90E-01	0.00E+00	-2.09E+00	-3.46E-06	-2.09E+00	-2.48E+00	-3.90E-01	0.00E+00	0.00E+00	0.00E+00	-6.01E+01
MBN513E	-1.65E-03	-2.83E-03	3.50E-03	5.02E-02	0.00E+00	0.00E+00	1.06E-02	-1.68E-04	3.76E-04	-7.38E-04	0.00E+00	4.60E-20	-6.60E-10	-7.87E-09	-6.42E-03	-4.09E-01	0.00E+00	0.00E+00	-6.83E-01	1.53E-19	-7.40E-02	0.00E+00	8.71E-09	-4.49E-09	-3.96E-04	0.00E+00	-1.34E-01	0.00E+00	-7.40E-02	-4.43E-06	-7.40E-02	-2.76E-01	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.54E+01
MBN516	-2.19E-03	4.20E-02	2.66E-03	2.35E-02	0.00E+00	0.00E+00	6.99E-02	-2.85E-04	1.85E-04	-5.25E-04	0.00E+00	4.60E-20	-7.93E-10	-2.69E-08	-2.38E-03	-6.89E-01	0.00E+00	0.00E+00	-3.00E-01	1.53E-19	3.19E-01	0.00E+00	7.81E-09	-6.78E-09	-5.75E-04	0.00E+00	-9.83E-02	0.00E+00	3.19E-01	-8.05E-06	3.19E-01	1.96E-01	-9.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.72E+01
MBN516E	1.06E-03	9.83E-02	6.02E-03	9.22E-02	0.00E+00	0.00E+00	1.59E+00	3.12E-06	5.29E-04	1.07E-03	0.00E+00	6.60E-20	2.69E-10	7.69E-09	8.93E-03	-6.75E-01	0.00E+00	0.00E+00	1.17E+00	2.16E-19	1.77E+00	0.00E+00	1.31E-08	5.89E-09	3.31E-04	0.00E+00	4.72E-02	0.00E+00	1.77E+00	3.85E-07	1.77E+00	1.81E+00	4.72E-02	0.00E+00	0.00E+00	0.00E+00	4.24E+01
MBN520	-3.31E-03	-2.71E-02	3.38E-03	-4.60E-02	0.00E+00	0.00E+00	6.38E-02	-1.83E-04	4.13E-04	-1.58E-03	0.00E+00	4.60E-20	-5.36E-10	-3.77E-08	-4.65E-03	-3.20E-01	0.00E+00	0.00E+00	-6.24E-01	1.53E-19	6.69E-02	0.00E+00	1.09E-08	-1.05E-08	-7.19E-04	0.00E+00	-1.31E-01	0.00E+00	6.69E-02	-1.12E-05	6.69E-02	-7.06E-02	-1.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.31E+01
MBN520E	-6.07E-05	2.47E-01	6.45E-03	2.40E-01	0.00E+00	0.00E+00	1.30E+00	-1.40E-04	6.71E-04	1.45E-03	0.00E+00	8.16E-20	-3.05E-12	-8.11E-09	-8.33E-03	1.44E-01	0.00E+00	0.00E+00	5.26E-01	2.91E-19	1.81E+00	0.00E+00	1.73E-08	4.26E-09	3.62E-04	0.00E+00	4.46E-02	0.00E+00	1.81E+00	-4.87E-06	1.81E+00	1.85E+00	4.46E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
MBN525	-2.59E-03	1.19E-01	3.85E-03	-1.13E-01	0.00E+00	0.00E+00	-5.34E-01	-3.91E-04	2.82E-04	-7.55E-04	0.00E+00	4.60E-20	-9.16E-10	-3.59E-08	-5.12E-03	-4.77E-01	0.00E+00	0.00E+00	-5.99E-01	1.53E-19	1.80E-01	0.00E+00	7.75E-09	-5.82E-09	-1.02E-03	0.00E+00	-5.16E-02	0.00E+00	1.80E-01	-1.39E-05	1.80E-01	1.76E-01	-5.16E-02	0.00E+00	0.00E+00	0.00E+00	-2.67E+01
MBN525E	4.19E-04	2.94E-01	7.77E-03	2.86E-01	0.00E+00	0.00E+00	1.46E+00	-1.39E-04	8.98E-04	1.86E-03	0.00E+00	9.30E-20	1.39E-10	-5.56E-09	1.13E-02	2.74E-01	0.00E+00	0.00E+00	1.13E+00	3.21E-19	2.31E+00	0.00E+00	1.90E-08	7.09E-09	4.91E-04	0.00E+00	2.05E-01	0.00E+00	2.31E+00	-4.69E-06	2.31E+00	2.52E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	3.86E+01
MBN532	-5.18E-03	2.32E-02	3.49E-03	1.38E-01	0.00E+00	0.00E+00	-3.99E-02	-6.69E-04	1.34E-03	-1.72E-03	0.00E+00	4.60E-20	-9.86E-10	-4.61E-08	-1.23E-03	-9.24E-01	0.00E+00	0.00E+00	-3.58E-01	1.53E-19	6.99E-01	0.00E+00	1.15E-08	-6.86E-09	-5.09E-04	0.00E+00	-1.15E-01	0.00E+00	6.99E-01	-1.38E-05	6.99E-01	5.43E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-2.36E+01
MBN532E	3.09E-03	3.55E-01	1.00E-02	3.45E-01	0.00E+00	0.00E+00	2.02E+00	3.33E-06	1.88E-03	3.18E-03	0.00E+00	9.77E-20	2.46E-10	2.05E-08	1.27E-02	1.25E-01	0.00E+00	0.00E+00	1.50E+00	3.47E-19	2.70E+00	0.00E+00	2.27E-08	1.15E-08	8.98E-04	0.00E+00	2.05E-01	0.00E+00	2.70E+00	1.93E-07	2.70E+00	2.91E+00	2.05E-01	0.00E+00	0.00E+00	0.00E+00	5.30E+01
MBN540	-5.64E-03	1.31E-01	4.30E-03	1.79E-01	0.00E+00	0.00E+00	-3.55E-01	-2.76E-04	4.43E-04	-1.76E-03	0.00E+00	4.60E-20	-1.96E-09	-4.40E-08	7.44E-04	-1.13E+00	0.00E+00	0.00E+00	-7.57E-01	1.53E-19	6.48E-01	0.00E+00	9.12E-09	-6.35E-09	-5.80E-04	0.00E+00	-1.53E-01	0.00E+00	6.48E-01	-1.26E-05	6.48E-01	5.67E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.65E+01
MBN540E	2.60E-03	2.61E-01	8.09E-03	2.53E-01	0.00E+00	0.00E+00	1.58E+00	-1.00E-05	1.80E-03	2.29E-03	0.00E+00	7.95E-20	-2.17E-10	1.82E-08	-8.52E-03	-1.02E-01	0.00E+00	0.00E+00	6.15E-01	2.92E-19	1.60E+00	0.00E+00	1.77E-08	5.06E-09	5.67E-04	0.00E+00	3.18E-03	0.00E+00	1.60E+00	-7.22E-07	1.60E+00	1.60E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	1.95E+01
MBN550	-7.61E-03	-1.25E-02	-2.91E-03	-1.07E-02	0.00E+00	0.00E+00	-1.07E+00	-8.24E-04	9.25E-04	-8.06E-04	0.00E+00	4.60E-20	-1.22E-09	-4.25E-08	-4.45E-03	-1.78E+00	0.00E+00	0.00E+00	-1.18E+00	1.53E-19	-3.77E-01	0.00E+00	-2.74E-09	-1.53E-08	-1.45E-03	0.00E+00	-3.47E-01	0.00E+00	-3.77E-01	-2.64E-05	-3.77E-01	-9.99E-01	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	-6.00E+01
MBN550E	-3.29E-02	-4.49E-01	-9.17E-03	-4.40E-01	0.00E+00	0.00E+00	-8.33E+00	-3.22E-03	-1.57E-03	-1.99E-02	0.00E+00	0.00E+00	-5.51E-09	-3.76E-07	-2.75E-02	-4.49E+00	0.00E+00	0.00E+00	-7.66E+00	0.00E+00	-4.60E+00	0.00E+00	-2.17E-08	-7.53E-08	-5.97E-03	0.00E+00	-1.09E+00	0.00E+00	-4.60E+00	-9.46E-05	-4.60E+00	-5.70E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-3.24E+02
MBN563	-3.10E-03	2.70E-02	-3.01E-03	2.78E-02	0.00E+00	0.00E+00	-9.03E-01	-7.27E-04	9.75E-04	-5.36E-05	0.00E+00	4.60E-20	-1.34E-09	-5.14E-08	-2.60E-03	-1.44E+00	0.00E+00	0.00E+00	-1.14E+00	1.53E-19	-1.80E-01	0.00E+00	-1.30E-09	-1.25E-08	-1.10E-03	0.00E+00	-2.81E-01	0.00E+00	-1.80E-01	-1.62E-05	-1.80E-01	-7.66E-01	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-6.03E+01
MBN563E	3.68E-03	3.67E-01	1.13E-02	3.56E-01	0.00E+00	0.00E+00	2.28E+00	3.61E-06	2.32E-03	3.31E-03	0.00E+00	1.03E-19	1.70E-10	2.49E-08	1.38E-02	3.75E-01	0.00E+00	0.00E+00	1.57E+00	3.68E-19	2.93E+00	0.00E+00	2.45E-08	1.24E-08	9.56E-04	0.00E+00	2.55E-01	0.00E+00	2.93E+00	-1.09E-08	2.93E+00	3.18E+00	2.55E-01	0.00E+00	0.00E+00	0.00E+00	5.50E+01
MBN606	-1.00E-02	1.55E-01	3.99E-03	1.70E-01	0.00E+00	0.00E+00	-6.28E-01	-1.13E-03	2.07E-05	-3.23E-03	0.00E+00	4.60E-20	-1.66E-09	-1.34E-07	-1.12E-02	-1.81E+00	0.00E+00	0.00E+00	-1.31E+00	1.53E-19	3.91E-01	0.00E+00	9.45E-09	-1.91E-08	-1.40E-03	0.00E+00	-2.90E-01	0.00E+00	3.91E-01	-3.34E-05	3.91E-01	3.10E-01	-2.90E-01	0.00E+00	0.00E+00	0.00E+00	-6.34E+01
MBN606E	-9.32E-03	4.11E-01	8.68E-03	4.03E-01	0.00E+00	0.00E+00	2.86E-01	-1.05E-03	-1.02E-04	-1.72E-03	0.00E+00	1.57E-19	-8.38E-10	-1.18E-07	-1.99E-02	-1.12E+00	0.00E+00	0.00E+00	-5.92E-01	5.51E-19	2.50E+00	0.00E+00	2.68E-08	-8.39E-09	-6.60E-04	0.00E+00	-1.93E-01	0.00E+00	2.50E+00	-2.97E-05	2.50E+00	2.31E+00	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-3.64E+01
MBN610	-7.83E-03	2.84E-02	3.76E-03	-1.84E-03	0.00E+00	0.00E+00	-2.18E-01	-9.78E-04	1.76E-05	-3.58E-03	0.00E+00	4.60E-20	-1.73E-09	-9.97E-08	6.45E-04	-1.88E+00	0.00E+00	0.00E+00	-8.96E-01	1.53E-19	-6.80E-02	0.00E+00	6.55E-09	-2.03E-08	-1.53E-03	0.00E+00	-2.99E-01	0.00E+00	-6.80E-02	-2.77E-05	-6.80E-02	-2.20E-01	-2.99E-01	0.00E+00	0.00E+00	0.00E+00	-4.65E+01
MBN610E	-1.05E-02	-4.75E-02	3.46E-03	-5.10E-02	0.00E+00	0.00E+00	-7.97E-01	-1.09E-03	-4.24E-04	-5.58E-03	0.00E+00	9.61E-20	-1.88E-09	-1.23E-07	8.96E-03	-2.76E+00	0.00E+00	0.00E+00	-1.45E+00	3.12E-19	5.67E-01	0.00E+00	8.91E-09	-2.06E-08	-1.75E-03	0.00E+00	-3.62E-01	0.00E+00	5.67E-01	-3.20E-05	5.67E-01	2.05E-01	-3.62E-01	0.00E+00	0.00E+00	0.00E+00	-7.19E+01
MBN613	-6.72E-03	-7.53E-02	1.29E-03	-8.83E-02	0.00E+00	0.00E+00	-8.63E-01	-7.09E-04	4.52E-05	-3.26E-03	0.00E+00	4.60E-20	-3.76E-09	-8.74E-08	1.19E-03	-1.59E+00	0.00E+00	0.00E+00	-1.72E+00	1.53E-19	-1.40E+00	0.00E+00	8.75E-10	-4.06E-08	-1.83E-03	0.00E+00	-3.38E-01	0.00E+00	-1.40E+00	-2.56E-05	-1.40E+00	-1.80E+00	-3.38E-01	0.00E+00	0.00E+00	0.00E+00	-7.93E+01
MBN613E	-6.99E-03	-8.06E-02	1.19E-03	-1.29E-01	0.00E+00	0.00E+00	-9.07E-01	-7.25E-04	1.69E-05	-3.89E-03	0.00E+00	4.60E-20	-3.81E-09	-8.53E-08	1.09E-03	-1.76E+00	0.00E+00	0.00E+00	-1.76E+00	1.53E-19	-1.48E+00	0.00E+00	7.10E-10	-3.99E-08	-1.79E-03	0.00E+00	-4.05E-01	0.00E+00	-1.48E+00	-2.31E-05	-1.48E+00	-1.86E+00	-4.05E-01	0.00E+00	0.00E+00	0.00E+00	-8.01E+01
MBN616	-1.49E-02	-1.23E-01	-4.06E-03	-1.19E-01	0.00E+00	0.00E+00	-4.20E+00	-1.48E-03	-6.81E-04	-8.64E-03	0.00E+00	7.37E-20	-4.94E-09	-1.70E-07	-2.05E-03	-2.15E+00	0.00E+00	0.00E+00	-4.59E+00	2.51E-19	-3.67E+00	0.00E+00	-1.05E-08	-5.07E-08	-3.35E-03	0.00E+00	-5.38E-01	0.00E+00	-3.67E+00	-4.55E-05	-3.67E+00	-4.20E+00	-5.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
MBN616E	-2.02E-04	-2.44E-01	1.06E-03	-2.45E-01	0.00E+00	0.00E+00	6.78E-02	-9.56E-05	6.66E-04	-2.38E-03	0.00E+00	4.88E-20	-2.76E-09	8.94E-10	2.36E-03	-1.41E+00	0.00E+00	0.00E+00	-1.36E+00	1.58E-19	-1.86E+00	0.00E+00	-3.78E-09	-2.10E-08	-1.22E-03	0.00E+00	-2.78E-01	0.00E+00	-1.86E+00	-5.40E-06	-1.86E+00	-2.14E+00	-2.78E-01	0.00E+00	0.00E+00	0.00E+00	-6.15E+01
MBN620	-5.82E-03	-2.19E-02	2.30E-03	-4.82E-02	0.00E+00	0.00E+00	-3.68E-01	-8.24E-04	1.88E-04	-3.00E-03	0.00E+00	4.60E-20	-3.14E-09	-6.93E-08	7.63E-04	-1.49E+00	0.00E+00	0.00E+00	-1.42E+00	1.53E-19	-6.17E-01	0.00E+00	8.33E-09	-3.77E-08	-1.21E-03	0.00E+00	-2.54E-01	0.00E+00	-6.17E-01	-1.66E-05	-6.17E-01	-1.06E+00	-2.54E-01	0.00E+00	0.00E+00	0.00E+00	-7.11E+01
MBN620E	2.66E-03	2.39E-01	1.33E-02	2.26E-01	0.00E+00	0.00E+00	3.36E+00	6.68E-06	1.40E-03	2.48E-03	0.00E+00	1.40E-19	5.96E-10	1.90E-08	1.92E-02	-3.00E-01	0.00E+00	0.00E+00	2.58E+00	4.61E-19	3.91E+00	0.00E+00	2.92E-08	1.40E-08	7.76E-04	0.00E+00	2.73E-01	0.00E+00	3.91E+00	8.69E-07	3.91E+00	4.18E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	9.41E+01
MBN625	-2.08E-02	5.19E-02	3.55E-03	-2.91E-02	0.00E+00	0.00E+00	-2.70E+00	-2.22E-03	-5.67E-04	-1.02E-02	0.00E+00	4.60E-20	-3.00E-09	-2.11E-07	-9.64E-03	-2.31E+00	0.00E+00	0.00E+00	-2.91E+00	1.53E-19	8.91E-02	0.00E+00	7.83E-09	-4.01E-08	-3.29E-03	0.00E+00	-2.77E-01	0.00E+00	8.91E-02	-5.90E-05	8.91E-02	-2.81E-01	-2.77E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
MBN625E	-2.36E-02	-6.76E-02	-3.78E-03	-6.39E-02	0.00E+00	0.00E+00	-5.78E+00	-2.40E-03	-9.01E-04	-1.28E-02	0.00E+00	8.95E-20	-5.55E-09	-2.75E-07	-2.72E-04	-2.48E+00	0.00E+00	0.00E+00	-5.90E+00	3.14E-19	-3.16E+00	0.00E+00	-6.96E-09	-6.03E-08	-4.37E-03	0.00E+00	-6.03E-01	0.00E+00	-3.16E+00	-7.15E-05	-3.16E+00	-3.76E+00	-6.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+02
MBN632	-3.74E-02	1.43E-01	-8.74E-04	7.78E-02	0.00E+00	0.00E+00	-6.54E+00	-4.46E-03	-8.93E-05	-1.97E-02	0.00E+00	4.60E-20	-5.90E-09	-4.34E-07	-7.00E-03	-3.98E+00	0.00E+00	0.00E+00	-6.18E+00	1.53E-19	-1.69E+00	0.00E+00	5.13E-09	-7.66E-08	-6.92E-03	0.00E+00	-7.83E-01	0.00E+00	-1.69E+00	-1.25E-04	-1.69E+00	-2.63E+00	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+02
MBN632E	-5.07E-02	-9.63E-02	-8.59E-03	-8.77E-02	0.00E+00	0.00E+00	-1.23E+01	-5.11E-03	-2.08E-03	-2.67E-02	0.00E+00	1.03E-19	-8.30E-09	-5.94E-07	-4.04E-03	-4.92E+00	0.00E+00	0.00E+00	-1.08E+01	3.67E-19	-4.34E+00	0.00E+00	-1.26E-08	-1.04E-07	-8.22E-03	0.00E+00	-1.12E+00	0.00E+00	-4.34E+00	-1.53E-04	-4.34E+00	-5.46E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-4.65E+02
MBN640	-1.80E-02	1.81E-01	3.94E-03	3.67E-02	0.00E+00	0.00E+00	-3.95E+00	-5.09E-03	1.79E-03	-5.80E-03	0.00E+00	4.60E-20	-5.63E-09	-1.71E-07	-6.95E-03	-2.69E+00	0.00E+00	0.00E+00	-3.60E+00	1.53E-19	-1.11E+00	0.00E+00	1.09E-08	-2.60E-08	-2.71E-03	0.00E+00	-5.60E-01	0.00E+00	-1.11E+00	-5.86E-05	-1.11E+00	-1.64E+00	-5.60E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
MBN640E	-5.19E-02	-6.38E-01	-1.26E-02	-6.25E-01	0.00E+00	0.00E+00	-1.26E+01	-5.11E-03	-2.44E-03	-3.09E-02	0.00E+00	2.49E-20	-8.45E-09	-5.96E-07	-4.71E-02	-6.66E+00	0.00E+00	0.00E+00	-1.18E+01	8.58E-20	-6.37E+00	0.00E+00	-2.76E-08	-1.15E-07	-9.22E-03	0.00E+00	-1.65E+00	0.00E+00	-6.37E+00	-1.54E-04	-6.37E+00	-8.03E+00	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	-5.01E+02
MBN650	-6.41E-02	-3.16E-01	-8.25E-03	-3.74E-01	0.00E+00	0.00E+00	-1.02E+01	-6.02E-03	-2.64E-03	-3.70E-02	0.00E+00	4.60E-20	-8.96E-09	-7.35E-07	-7.17E-03	-7.05E+00	0.00E+00	0.00E+00	-9.09E+00	1.53E-19	-3.31E+00	0.00E+00	-1.94E-08	-1.29E-07	-1.07E-02	0.00E+00	-1.15E+00	0.00E+00	-3.31E+00	-1.83E-04	-3.31E+00	-4.42E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	-3.95E+02
MBN650E	-6.57E-02	-8.99E-01	-1.83E-02	-8.80E-01	0.00E+00	0.00E+00	-1.66E+01	-6.44E-03	-3.14E-03	-3.98E-02	0.00E+00	0.00E+00	-1.10E-08	-7.52E-07	-5.47E-02	-9.03E+00	0.00E+00	0.00E+00	-1.53E+01	0.00E+00	-9.20E+00	0.00E+00	-4.35E-08	-1.50E-07	-1.19E-02	0.00E+00	-2.19E+00	0.00E+00	-9.20E+00	-1.89E-04	-9.20E+00	-1.14E+01	-2.19E+00	0.00E+00	0.00E+00	0.00E+00	-6.48E+02
MBN663	-6.47E-02	-3.70E-01	-9.08E-03	-4.29E-01	0.00E+00	0.00E+00	-1.12E+01	-6.38E-03	-2.81E-03	-3.57E-02	0.00E+00	4.60E-20	-9.03E-09	-7.39E-07	-6.92E-03	-6.99E+00	0.00E+00	0.00E+00	-9.84E+00	1.53E-19	-3.78E+00	0.00E+00	-1.88E-08	-1.28E-07	-1.05E-02	0.00E+00	-1.20E+00	0.00E+00	-3.78E+00	-1.84E-04	-3.78E+00	-4.85E+00	-1.20E+00	0.00E+00	0.00E+00	0.00E+00	-4.23E+02

MBN663E	-6.46E-02	-5.36E-01	-9.55E-03	-5.26E-01	0.00E+00	0.00E+00	-1.45E+01	-6.45E-03	-2.87E-03	-3.66E-02	0.00E+00	7.45E-20	-8.58E-09	-7.50E-07	-4.26E-02	-7.41E+00	0.00E+00	0.00E+00	-1.23E+01	2.36E-19	-5.05E+00	0.00E+00	-1.98E-08	-1.26E-07	-1.06E-02	0.00E+00	-1.66E+00	0.00E+00	-5.05E+00	-1.86E-04	-5.05E+00	-6.71E+00	-1.66E+00	0.00E+00	0.00E+00	0.00E+00	-5.29E+02
MBS006C	-1.39E-03	6.63E-03	1.26E-03	-1.48E-02	0.00E+00	0.00E+00	-1.73E-01	-9.11E-05	9.78E-05	-8.64E-04	0.00E+00	4.60E-20	-9.27E-10	-9.74E-09	-2.25E-03	-5.54E-01	0.00E+00	0.00E+00	-4.92E-01	1.53E-19	-9.49E-02	0.00E+00	2.94E-10	-6.20E-09	-4.44E-04	0.00E+00	-1.44E-01	0.00E+00	-9.49E-02	-3.56E-06	-9.49E-02	-1.63E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.17E+01
MBS010C	-1.11E-03	-4.05E-03	8.15E-04	-1.16E-02	0.00E+00	0.00E+00	-8.57E-02	-6.74E-05	8.97E-05	-7.60E-04	0.00E+00	4.60E-20	-6.60E-10	-8.13E-09	-2.48E-03	-4.17E-01	0.00E+00	0.00E+00	-3.44E-01	1.53E-19	-1.29E-01	0.00E+00	8.03E-10	-4.93E-09	-3.66E-04	0.00E+00	-9.60E-02	0.00E+00	-1.29E-01	-2.62E-06	-1.29E-01	-1.90E-01	-9.60E-02	0.00E+00	0.00E+00	0.00E+00	-1.72E+01
MBS013C	-1.01E-03	4.07E-07	7.63E-04	-1.29E-02	0.00E+00	0.00E+00	-9.61E-02	-6.94E-05	8.34E-05	-6.66E-04	0.00E+00	4.60E-20	-6.60E-10	-7.62E-09	-1.43E-03	-3.38E-01	0.00E+00	0.00E+00	-3.24E-01	1.53E-19	-5.71E-02	0.00E+00	1.87E-09	-4.44E-09	-3.34E-04	0.00E+00	-8.27E-02	0.00E+00	-5.71E-02	-2.68E-06	-5.71E-02	-1.60E-01	-8.27E-02	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
MBS016C	-9.70E-04	1.04E-03	7.57E-04	-1.82E-02	0.00E+00	0.00E+00	-6.79E-02	-4.35E-05	8.94E-05	-6.71E-04	0.00E+00	4.60E-20	-6.65E-10	-7.21E-09	-1.83E-03	-3.42E-01	0.00E+00	0.00E+00	-3.10E-01	1.53E-19	-7.89E-02	0.00E+00	1.55E-09	-4.51E-09	-3.27E-04	0.00E+00	-8.71E-02	0.00E+00	-7.89E-02	-2.91E-06	-7.89E-02	-1.75E-01	-8.71E-02	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
MBS106	-2.44E-03	-3.43E-03	1.20E-03	-4.63E-03	0.00E+00	0.00E+00	-1.52E-01	-2.66E-04	1.36E-07	-1.29E-03	0.00E+00	2.13E-20	-3.30E-10	-2.90E-08	-3.13E-03	-5.39E-01	0.00E+00	0.00E+00	-2.79E-01	7.18E-20	1.86E-01	0.00E+00	2.81E-09	-4.34E-09	-3.83E-04	0.00E+00	-8.68E-02	0.00E+00	1.86E-01	-7.66E-06	1.86E-01	9.89E-02	-8.68E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
MBS110	-1.75E-04	1.19E-01	2.46E-03	1.16E-01	0.00E+00	0.00E+00	4.65E-01	-6.70E-05	1.95E-04	6.87E-04	0.00E+00	3.44E-20	-2.60E-11	-5.36E-09	3.84E-03	-2.00E-01	0.00E+00	0.00E+00	2.60E-01	1.23E-19	7.96E-01	0.00E+00	6.93E-09	1.86E-09	1.60E-04	0.00E+00	2.07E-02	0.00E+00	7.96E-01	-2.38E-06	7.96E-01	8.17E-01	2.07E-02	0.00E+00	0.00E+00	0.00E+00	7.59E+00
MBS113	1.48E-04	2.63E-02	5.86E-04	2.57E-02	0.00E+00	0.00E+00	-2.95E-02	-2.05E-05	2.28E-04	1.19E-04	0.00E+00	1.52E-20	-5.40E-10	5.70E-10	6.22E-04	-3.52E-01	0.00E+00	0.00E+00	-2.40E-01	5.84E-20	-2.71E-01	0.00E+00	7.77E-10	-3.48E-09	-1.16E-04	0.00E+00	-6.09E-02	0.00E+00	-2.71E-01	-1.07E-06	-2.71E-01	-3.32E-01	-6.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.10E+01
MBS116	3.93E-04	2.31E-02	1.84E-03	2.13E-02	0.00E+00	0.00E+00	4.73E-01	-1.80E-06	2.42E-04	2.67E-04	0.00E+00	1.86E-20	-2.83E-11	2.96E-09	2.52E-03	-2.55E-01	0.00E+00	0.00E+00	2.64E-01	6.45E-20	4.80E-01	0.00E+00	4.05E-09	1.19E-09	7.18E-05	0.00E+00	5.40E-04	0.00E+00	4.80E-01	-9.65E-08	4.80E-01	4.80E-01	5.40E-04	0.00E+00	0.00E+00	0.00E+00	8.84E+00
MBS120	-3.92E-03	-8.99E-02	-1.24E-03	-8.87E-02	0.00E+00	0.00E+00	-1.01E+00	-3.79E-04	-2.08E-04	-2.62E-03	0.00E+00	2.36E-21	-9.47E-10	-4.40E-08	-1.35E-03	-1.05E+00	0.00E+00	0.00E+00	-1.01E+00	8.05E-21	-8.19E-01	0.00E+00	-3.72E-09	-1.15E-08	-8.54E-04	0.00E+00	-2.01E-01	0.00E+00	-8.19E-01	-1.19E-05	-8.19E-01	-1.02E+00	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-4.32E+01
MBS120W	-2.15E-03	2.73E-02	1.95E-03	1.92E-02	0.00E+00	0.00E+00	-1.06E-01	-2.21E-04	1.52E-04	-9.45E-04	0.00E+00	4.60E-20	-3.26E-10	-1.90E-08	1.22E-03	-3.43E-01	0.00E+00	0.00E+00	-7.58E-02	1.53E-19	1.23E-01	0.00E+00	3.36E-09	-3.96E-09	-2.85E-04	0.00E+00	-2.74E-02	0.00E+00	1.23E-01	-5.52E-06	1.23E-01	1.20E-01	-2.74E-02	0.00E+00	0.00E+00	0.00E+00	-4.56E+00
MBS125	-8.36E-03	-5.22E-02	-1.90E-04	-5.20E-02	0.00E+00	0.00E+00	-1.61E+00	-8.46E-04	-3.57E-04	-4.60E-03	0.00E+00	2.40E-20	-1.11E-09	-9.77E-08	8.80E-04	-1.27E+00	0.00E+00	0.00E+00	-1.35E+00	7.65E-20	-2.98E-01	0.00E+00	-2.32E-10	-1.56E-08	-1.35E-03	0.00E+00	-2.06E-01	0.00E+00	-2.98E-01	-2.44E-05	-2.98E-01	-5.04E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-6.00E+01
MBS132	-2.22E-02	-1.99E-01	-4.07E-03	-1.95E-01	0.00E+00	0.00E+00	-3.65E+00	-1.41E-03	-6.89E-04	-8.72E-03	0.00E+00	0.00E+00	-2.47E-09	-1.64E-07	-9.42E-03	-1.87E+00	0.00E+00	0.00E+00	-3.35E+00	0.00E+00	-2.04E+00	0.00E+00	-9.74E-09	-3.31E-08	-2.63E-03	0.00E+00	-4.53E-01	0.00E+00	-2.04E+00	-4.14E-05	-2.04E+00	-2.49E+00	-4.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
MBS140	-1.38E-02	-1.02E-01	-1.66E-03	-1.01E-01	0.00E+00	0.00E+00	-3.04E+00	-1.39E-03	-6.03E-04	-7.74E-03	0.00E+00	2.04E-20	-1.79E-09	-1.61E-07	-8.44E-04	-1.98E+00	0.00E+00	0.00E+00	-2.45E+00	6.36E-20	-8.61E-01	0.00E+00	-3.50E-09	-2.62E-08	-2.24E-03	0.00E+00	-3.57E-01	0.00E+00	-8.61E-01	-4.01E-05	-8.61E-01	-1.22E+00	-3.57E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MBS150	-2.57E-02	-2.20E-01	-4.59E-03	-2.16E-01	0.00E+00	0.00E+00	-4.21E+00	-1.63E-03	-7.91E-04	-1.00E-02	0.00E+00	0.00E+00	-2.79E-09	-1.90E-07	-9.96E-03	-2.06E+00	0.00E+00	0.00E+00	-3.81E+00	0.00E+00	-2.27E+00	0.00E+00	-1.09E-08	-3.77E-08	-3.01E-03	0.00E+00	-4.99E-01	0.00E+00	-2.27E+00	-4.78E-05	-2.27E+00	-2.77E+00	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
MBS163	-2.60E-02	-2.23E-01	-4.69E-03	-2.19E-01	0.00E+00	0.00E+00	-4.26E+00	-1.65E-03	-8.00E-04	-1.01E-02	0.00E+00	0.00E+00	-2.84E-09	-1.92E-07	-1.00E-02	-2.08E+00	0.00E+00	0.00E+00	-3.88E+00	0.00E+00	-2.31E+00	0.00E+00	-1.11E-08	-3.82E-08	-3.04E-03	0.00E+00	-5.06E-01	0.00E+00	-2.31E+00	-4.84E-05	-2.31E+00	-2.81E+00	-5.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
MBS206C	-6.47E-03	2.33E-02	2.36E-03	2.64E-02	0.00E+00	0.00E+00	-2.24E-01	-4.86E-04	8.93E-05	-2.23E-03	0.00E+00	4.60E-20	-1.14E-09	-5.21E-08	-7.42E-03	-8.31E-01	0.00E+00	0.00E+00	-8.20E-01	1.53E-19	1.90E-02	0.00E+00	3.54E-09	-1.21E-08	-8.79E-04	0.00E+00	-1.76E-01	0.00E+00	1.90E-02	-1.39E-05	1.90E-02	-1.00E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
MBS210C	-5.60E-03	6.41E-03	1.40E-03	1.41E-02	0.00E+00	0.00E+00	-2.53E-01	-4.95E-04	1.05E-04	-2.29E-03	0.00E+00	4.60E-20	-1.36E-09	-4.18E-08	-4.24E-03	-8.34E-01	0.00E+00	0.00E+00	-7.36E-01	1.53E-19	-2.24E-01	0.00E+00	4.15E-09	-1.02E-08	-7.39E-04	0.00E+00	-1.74E-01	0.00E+00	-2.24E-01	-1.15E-05	-2.24E-01	-2.49E-01	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.81E+01
MBS210E	-6.19E-03	-2.27E-03	2.04E-03	2.09E-02	0.00E+00	0.00E+00	-4.25E-01	-6.33E-04	1.27E-04	-2.98E-03	0.00E+00	4.60E-20	-1.42E-09	-6.16E-08	-2.89E-03	-8.61E-01	0.00E+00	0.00E+00	-7.68E-01	1.53E-19	-1.20E-01	0.00E+00	6.59E-09	-1.03E-08	-9.01E-04	0.00E+00	-1.78E-01	0.00E+00	-1.20E-01	-1.73E-05	-1.20E-01	-1.53E-01	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-3.87E+01
MBS213C	-3.12E-03	-5.02E-03	1.06E-03	-2.11E-02	0.00E+00	0.00E+00	-4.73E-01	-6.15E-04	8.79E-05	-2.41E-03	0.00E+00	4.60E-20	-1.68E-09	-5.28E-08	-5.34E-03	-7.94E-01	0.00E+00	0.00E+00	-1.00E+00	1.53E-19	-3.31E-01	0.00E+00	3.52E-09	-1.31E-08	-9.84E-04	0.00E+00	-2.04E-01	0.00E+00	-3.31E-01	-1.75E-05	-3.31E-01	-4.98E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-4.29E+01
MBS216C	-3.12E-03	-7.85E-03	1.21E-03	-2.40E-02	0.00E+00	0.00E+00	-4.69E-01	-6.45E-04	9.69E-05	-2.51E-03	0.00E+00	4.60E-20	-1.62E-09	-5.29E-08	-5.24E-03	-7.79E-01	0.00E+00	0.00E+00	-1.05E+00	1.53E-19	-3.15E-01	0.00E+00	3.90E-09	-1.28E-08	-8.97E-04	0.00E+00	-2.03E-01	0.00E+00	-3.15E-01	-1.82E-05	-3.15E-01	-5.06E-01	-2.03E-01	0.00E+00	0.00E+00	0.00E+00	-4.63E+01
MBS216E	-4.61E-03	-6.11E-03	1.69E-03	-1.63E-02	0.00E+00	0.00E+00	-5.70E-01	-7.38E-04	1.19E-04	-2.96E-03	0.00E+00	4.60E-20	-1.35E-09	-6.02E-08	-2.77E-03	-6.35E-01	0.00E+00	0.00E+00	-9.93E-01	1.53E-19	-1.37E-01	0.00E+00	6.80E-09	-1.15E-08	-1.02E-03	0.00E+00	-1.66E-01	0.00E+00	-1.37E-01	-2.10E-05	-1.37E-01	-3.55E-01	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	-4.25E+01
MBS220E	-3.90E-03	8.42E-03	1.92E-03	-7.40E-03	0.00E+00	0.00E+00	-3.30E-01	-5.96E-04	2.73E-04	-1.85E-03	0.00E+00	4.60E-20	-1.13E-09	-5.15E-08	-3.76E-03	-5.78E-01	0.00E+00	0.00E+00	-8.52E-01	1.53E-19	-1.57E-02	0.00E+00	4.83E-09	-1.02E-08	-8.80E-04	0.00E+00	-1.32E-01	0.00E+00	-1.57E-02	-1.45E-05	-1.57E-02	-1.53E-01	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-3.52E+01
MBS225E	-6.84E-03	-4.14E-04	2.05E-03	-5.18E-02	0.00E+00	0.00E+00	-1.01E+00	-6.32E-04	1.21E-04	-2.83E-03	0.00E+00	4.60E-20	-1.18E-09	-6.09E-08	-7.23E-03	-1.11E+00	0.00E+00	0.00E+00	-1.26E+00	1.53E-19	-3.93E-01	0.00E+00	1.97E-09	-1.47E-08	-9.20E-04	0.00E+00	-2.11E-01	0.00E+00	-3.93E-01	-2.21E-05	-3.93E-01	-6.08E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-4.96E+01
MBS232E	-1.26E-02	-1.98E-02	1.39E-03	-4.93E-02	0.00E+00	0.00E+00	-1.72E+00	-1.67E-03	3.88E-04	-4.28E-03	0.00E+00	4.60E-20	-1.79E-09	-1.05E-07	-8.57E-03	-1.70E+00	0.00E+00	0.00E+00	-1.84E+00	1.53E-19	-3.19E-01	0.00E+00	2.77E-09	-2.72E-08	-1.52E-03	0.00E+00	-3.28E-01	0.00E+00	-3.19E-01	-4.56E-05	-3.19E-01	-6.67E-01	-3.28E-01	0.00E+00	0.00E+00	0.00E+00	-7.87E+01
MBS263E	-1.74E-02	5.15E-02	-5.58E-04	9.07E-03	0.00E+00	0.00E+00	-2.01E+00	-1.86E-03	1.24E-03	-3.07E-03	0.00E+00	4.60E-20	-1.50E-09	-8.54E-08	-3.36E-03	-1.84E+00	0.00E+00	0.00E+00	-2.15E+00	1.53E-19	-5.34E-01	0.00E+00	-1.45E-09	-3.36E-08	-2.69E-03	0.00E+00	-3.61E-01	0.00E+00	-5.34E-01	-5.54E-05	-5.34E-01	-9.97E-01	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
MBS306	-7.23E-03	8.50E-03	4.08E-03	4.42E-03	0.00E+00	0.00E+00	-1.84E-01	-7.87E-04	1.89E-05	-3.64E-03	0.00E+00	6.78E-20	-8.03E-10	-8.58E-08	-1.99E-02	-1.50E+00	0.00E+00	0.00E+00	-9.01E-01	2.32E-19	8.27E-01	0.00E+00	1.08E-08	-1.12E-08	-1.02E-03	0.00E+00	-3.03E-01	0.00E+00	8.27E-01	-2.26E-05	8.27E-01	5.23E-01	-3.03E-01	0.00E+00	0.00E+00	0.00E+00	-4.37E+01
MBS310	-8.47E-03	-2.25E-01	-1.48E-03	-2.23E-01	0.00E+00	0.00E+00	-2.08E+00	-8.62E-04	-1.90E-04	-6.09E-03	0.00E+00	3.49E-20	-2.63E-09	-9.53E-08	-6.27E-04	-2.15E+00	0.00E+00	0.00E+00	-2.29E+00	1.04E-19	-1.96E+00	0.00E+00	-6.85E-09	-2.89E-08	-2.10E-03	0.00E+00	-4.09E-01	0.00E+00	-1.96E+00	-2.63E-05	-1.96E+00	-2.36E+00	-4.09E-01	0.00E+00	0.00E+00	0.00E+00	-9.89E+01
MBS310C	-5.46E-03	1.09E-02	2.01E-03	-5.31E-02	0.00E+00	0.00E+00	-5.57E-01	-6.41E-04	8.16E-05	-3.19E-03	0.00E+00	4.60E-20	-1.90E-09	-5.78E-08	-1.34E-03	-1.41E+00	0.00E+00	0.00E+00	-1.13E+00	1.53E-19	-3.71E-01	0.00E+00	5.35E-09	-1.13E-08	-1.02E-03	0.00E+00	-2.05E-01	0.00E+00	-3.71E-01	-1.85E-05	-3.71E-01	-3.40E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-5.76E+01
MBS313	-1.06E-02	-2.31E-01	-1.79E-03	-2.30E-01	0.00E+00	0.00E+00	-2.58E+00	-1.08E-03	-2.81E-04	-7.27E-03	0.00E+00	3.68E-20	-2.88E-09	-1.21E-07	-7.85E-04	-1.85E+00	0.00E+00	0.00E+00	-2.66E+00	1.10E-19	-2.04E+00	0.00E+00	-7.12E-09	-3.23E-08	-2.43E-03	0.00E+00	-3.75E-01	0.00E+00	-2.04E+00	-3.25E-05	-2.04E+00	-2.41E+00	-3.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
MBS313C	-5.98E-03	9.30E-03	1.25E-03	-8.73E-02	0.00E+00	0.00E+00	-9.11E-01	-7.64E-04	5.86E-05	-3.61E-03	0.00E+00	4.60E-20	-2.48E-09	-6.84E-08	-1.03E-03	-1.41E+00	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	-4.66E-01	0.00E+00	3.80E-09	-1.68E-08	-1.38E-03	0.00E+00	-2.32E-01	0.00E+00	-4.66E-01	-2.28E-05	-4.66E-01	-4.88E-01	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	-6.70E+01
MBS316	-7.48E-03	3.60E-02	3.43E-03	3.26E-02	0.00E+00	0.00E+00	-5.50E-01	-8.11E-04	-1.28E-04	-3.54E-03	0.00E+00	6.17E-20	-7.78E-10	-9.05E-08	6.66E-03	-1.50E+00	0.00E+00	0.00E+00	-5.53E-01	2.07E-19	1.03E+00	0.00E+00	9.31E-09	-9.83E-09	-1.00E-03	0.00E+00	-1.48E-01	0.00E+00	1.03E+00	-2.31E-05	1.03E+00	8.87E-01	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+01
MBS316C	-5.17E-03	1.65E-02	1.24E-03	-2.36E-02	0.00E+00	0.00E+00	-7.53E-01	-8.12E-04	1.00E-04	-3.65E-03	0.00E+00	4.60E-20	-2.31E-09	-6.71E-08	-1.86E-03	-1.27E+00	0.00E+00	0.00E+00	-1.28E+00	1.53E-19	-2.94E-01	0.00E+00	5.22E-09	-1.64E-08	-1.20E-03	0.00E+00	-2.31E-01	0.00E+00	-2.94E-01	-2.08E-05	-2.94E-01	-3.04E-01	-2.31E-01	0.00E+00	0.00E+00	0.00E+00	-6.11E+01
MBS320	2.15E-03	1.09E-01	8.22E-03	1.01E-01	0.00E+00	0.00E+00	1.98E+00	-7.24E-06	1.42E-03	1.16E-03	0.00E+00	8.20E-20	-1.55E-10	1.62E-08	1.13E-02	-1.66E-01	0.00E+00	0.00E+00	1.09E+00	2.76E-19	2.00E+00	0.00E+00	1.68E-08	5.65E-09	3.36E-04	0.00E+00	1.27E-01	0.00E+00	2.00E+00	-5.61E-07	2.00E+00	2.12E+00	1.27E-01	0.00E+00	0.00E+00	0.00E+00	3.62E+01
MBS320W	-9.46E-03	-3.58E-02	1.50E-03	-1.03E-01	0.00E+00	0.00E+00	-8.54E-01	-1.75E-03	2.46E-04	-4.91E-03	0.00E+00	4.60E-20	-1.64E-09	-1.00E-07	-7.16E-03	-1.45E+00	0.00E+00	0.00E+00	-1.48E+00	1.53E-19	-3.72E-01	0.00E+00	4.02E-09	-2.02E-08	-1.32E-03	0.00E+00	-3.10E-01	0.00E+00	-3.72E-01	-3.37E-05	-3.72E-01	-8.27E-01	-3.10E-01	0.00E+00	0.00E+00	0.00E+00	-7.12E+01
MBS325	-3.63E-02	2.27E-02	-2.09E-03	2.48E-02	0.00E+00	0.00E+00	-7.64E+00	-3.70E-03	-1.42E-03	-1.84E-02	0.00E+00	1.04E-19	-4.97E-09	-4.29E-07	3.10E-03	-3.36E+00	0.00E+00	0.00E+00	-6.56E+00	3.59E-19	-1.31E+00	0.00E+00	9.23E-10	-6.54E-08	-5.47E-03	0.00E+00	-6.52E-01	0.00E+00	-1.31E+00	-1.07E-04	-1.31E+00	-1.96E+00	-6.52E-01	0.00E+00	0.00E+00	0.00E+00	-2.90E+02
MBS332	2.27E-03	-2.01E-01	4.95E-03	-2.05E-01	0.00E+00	0.00E+00	6.63E-01	-7.04E-05	2.49E-03	-1.72E-03	0.00E+00	3.00E-20	-2.02E-09	2.12E-08	-2.49E-02	-1.59E+00	0.00E+00	0.00E+00	-9.61E-01	1.15E-19	-1.37E+00	0.00E+00	7.45E-10	-1.49E-08	-7.66E-04	0.00E+00	-4.03E-01	0.00E+00	-1.37E+00	-4.38E-06	-1.37E+00	-1.77E+00	-4.03E-01	0.00E+00	0.00E+00	0.00E+00	-4.26E+01
MBS340	-6.67E-02	-6.10E-01	-1.24E-02	-5.98E-01	0.00E+00	0.00E+00	-1.10E+01	-4.22E-03	-2.08E-03	-2.63E-02	0.00E+00	0.00E+00	-7.42E-09	-4.92E-07	-4.01E-02	-5.57E+00	0.00E+00	0.00E+00	-1.03E+01	0.00E+00	-6.30E+00	0.00E+00	-2.95E-08	-1.00E-07	-7.92E-03	0.00E+00	-1.43E+00	0.00E+00	-6.30E+00	-1.24E-04	-6.30E+00	-7.73E+00	-1.43E+00	0.00E+00	0.00E+00	0.00E+00	-4.34E+02
MBS350	-4.98E-02	-6.85E-01	-1.39E-02	-6.71E-01	0.00E+00	0.00E+00	-1.26E+01	-4.89E-03	-2.39E-03	-3.02E-02	0.00E+00	0.00E+00	-8.39E-09	-5.70E-07	-4.17E-02	-6.74E+00	0.00E+00	0.00E+00	-1.16E+01	0.00E+00	-7.02E+00	0.00E+00	-3.31E-08	-1.14E-07	-9.07E-03	0.00E+00	-1.65E+00	0.00E+00	-7.02E+00	-1.43E-04	-7.02E+00	-8.67E+00	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	-4.93E+02
MBS363	-7.80E-02	-6.85E-01	-1.42E-02	-6.71E-01	0.00E+00	0.00E+00	-1.28E+01	-4.94E-03	-2.41E-03	-3.06E-02	0.00E+00	0.00E+00	-8.52E-09	-5.77E-07	-4.19E-02	-6.21E+00	0.00E+00	0.00E+00	-1.18E+01	0.00E+00	-7.10E+00	0.00E+00	-3.35E-08	-1.16E-07	-9.17E-03	0.00E+00	-1.59E+00	0.00E+00	-7.10E+00	-1.45E-04	-7.10E+00	-8.69E+00	-1.59E+00	0.00E+00	0.00E+00	0.00E+00	-5.02E+02
MBS506	-4.46E-03	4.02E-02	2.14E-03	3.79E-02	0.00E+00	0.00E+00	-4.49E-01	-6.32E-04	2.19E-04	-1.78E-03	0.00E+00	4.60E-20	-1.43E-09	-3.77E-08	-7.52E-03	-8.70E-01	0.00E+00	0.00E+00	-8.14E-01	1.53E-19	1.02E-01	0.00E+00	6.26E-09	-8.19E-09	-7.23E-04	0.00E+00	-1.80E-01	0.00E+00	1.02E-01	-1.32E-05	1.02E-01	-1.52E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-3.52E+01
MBS506E	-6.93E-03	3.34E-02	2.18E-03	4.16E-02	0.00E+00	0.00E+00	-4.69E-01	-6.87E-04	2.22E-04	-2.66E-03	0.00E+00	4.60E-20	-1.45E-09	-5.37E-08	-7.76E-03	-9.89E-01	0.00E+00	0.00E+00	-8.93E-01	1.53E-19	8.54E-02	0.00E+00	6.12E-09	-1.15E-08	-9.01E-04	0.00E+00	-1.87E-01	0.00E+00	8.54E-02	-1.61E-05	8.54E-02	-1.93E-01	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-4.04E+01
MBS510	-3.24E-03	1.51E-02	3.27E-03	5.50E-02	0.00E+00	0.00E+00	-1.68E-01	-6.26E-04	3.20E-04	-1.15E-03	0.00E+00	4.60E-20	-1.15E-09	-3.61E-08	-2.16E-03	-6.71E-01	0.00E+00	0.00E+00	-5.94E-01	1.53E-19	7.51E-02	0.00E+00	9.57E-09	-8.20E-09	-6.72E-04	0.00E+00	-1.14E-01	0.00E+00	7.51E-02	-9.38E-06	7.51E-02	-4.69E-02	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.84E+01
MBS510E	-4.71E-03	9.03E-03	3.35E-03	5.68E-02	0.00E+00	0.00E+00	-2.06E-01	-6.43E-04	3.26E-04	-1.81E-03	0.00E+00	4.60E-20	-1.35E-09	-4.71E-08	-1.96E-03	-8.69E-01	0.00E+00	0.00E+00	-6.98E-01	1.53E-19	4.19E-02	0.00E+00	9.12E-09	-1.09E-08	-6.24E-04	0.00E+00	-1.65E-01	0.00E+00	4.19E-02	-1.20E-05	4.19E-02	-1.75E-02	-1.65E-01	0.00E+00	0.00E+00	0.00E+00	-3.63E+01
MBS513	-3.33E-03	1.20E-02	2.42E-03	-2.85E-03	0.00E+00	0.00E+00	-2.25E-01	-6.06E-04	1.50E-04	-1.90E-03	0.00E+00	4.60E-20	-1.43E-09	-2.17E-08	-1.47E-03	-8.14E-01	0.00E+00	0.00E+00	-7.54E-01	1.53E-19	-4.14E-02	0.00E+00	7.20E-09	-7.96E-09	-7.90E-04	0.00E+00	-1.61E-01	0.00E+00	-4.14E-02	-7.36E-06	-4.14E-02	-8.47E-02	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-3.42E+01
MBS516	-3.44E-03	-2.55E-02	3.38E-03	3.07E-02	0.00E+00	0.00E+00	-7.59E-01	-5.23E-04	2.71E-04	-1.26E-03	0.00E+00	4.60E-20	-1.38E-09	-3.56E-08	-4.64E-04	-7.75E-01	0.00E+00	0.00E+00	-1.04E+00	1.53E-19	-8.37E-02	0.00E+00	8.82E-09	-6.06E-09	-7.94E-04	0.00E+00	-1.81E-01	0.00E+00	-8.37E-02	-8.27E-06	-8.37E-02	-2.50E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-4.26E+01
MBS516E	-3.49E-03	-2.60E-02	3.25E-03	2.95E-02	0.00E+00	0.00E+00	-6.85E-01	-5.34E-04	2.63E-04	-1.16E-03	0.00E+00	4.60E-20	-1.09E-09	-3.56E-08	-2.36E-05	-6.59E-01	0.00E+00	0.00E+00	-9.18E-01	1.53E-19	-7.89E-02	0.00E+00	9.28E-09	-5.34E-09	-6.73E-04	0.00E+00	-1.26E-01	0.00E+00	-7.89E-02	-8.63E-06	-7.89E-02	-2.83E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
MBS520	-4.42E-03	1.14E-02	1.98E-03	-3.28E-03	0.00E+00	0.00E+00	-3.98E-01	-6.72E-04	2.87E-04	-2.25E-03	0.00E+00	4.60E-20	-1.22E-09	-4.25E-08	-4.26E-03	-6.68E-01	0.00E+00	0.00E+00	-8.85E-01	1.53E-19	-1.63E-02	0.00E+00	3.96E-09	-1.01E-08	-7.85E-04	0.00E+00	-1.50E-01	0.00E+00	-1.63E-02	-1.12E-05	-1.63E-02	-1.09E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-3.89E+01
MBS520E	-4.55E-03	1.12E-02	2.01E-03	-3.44E-03	0.00E+00	0.00E+00	-3.98E-01	-6.73E-04	2.86E-04	-2.22E-03	0.00E+00	4.60E-20	-1.21E-09	-4.05E-08	-4.09E-03	-7.07E-01	0.00E+00	0.00E+00	-8.70E-01	1.53E-19	-2.30E-02	0.00E+00	3.96E-09	-1.02E-08	-7.60E-04	0.00E+00	-1.49E-01	0.00E+00	-2.30E-02	-1.11E-05	-2.30E-02	-1.18E-01	-1.49E-01	0.00E+00	0.00E+00	0.00E+00	-3.92E+01
MBS525	-7.78E-03	2.67E-02	2.11E-03	-2.72E-02	0.00E+00	0.00E+00	-4.75E-01	-6.43E-04	3.30E-04	-2.45E-03	0.00E+00	4.60E-20	-1.86E-09	-4.71E-08	-7.59E-03	-1.12E+00	0.00E+00	0.00E+00	-1.12E+00	1.53E-19	9.87E-02	0.00E+00	1.88E-09	-1.50E-08	-1.00E-03	0.00E+00	-2.13E-01	0.00E+00	9.87E-02	-1.62E-05	9.87E-02	-2.99E-02	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.12E+01
MBS525E	-7.78E-03	2.67E-02	2.11E-03	-2.72E-02	0.00E+00	0.00E+00	-4.75E-01	-6.43E-04	3.48E-04	-2.45E-03	0.00E+00	4.60E-20	-1.86E-09	-4.71E-08	-7.59E-03	-1.11E+00	0.00E+00	0.00E+00	-1.12E+00	1.53E-19	9.87E-02	0.00E+00	1.88E-09	-1.50E-08	-1.00E-03	0.00E+00	-2.13E-01	0.00E+00	9.87E-02	-1.62E-05	9.87E-02	-2.99E-02	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.12E+01
MBS532	-8.88E-03	1.99E-02	1.99E-03	7.46E-03	0.00E+00	0.00E+00	-6.83E-01	-1.11E-03	5.92E-04	-3.76E-03	0.00E+00	4.60E-20	-1.92E-09	-7.26E-08	-6.66E-03	-1.46E+00	0.00E+00	0.00E+00	-1.13E+00	1.53E-19	2.97E-01	0.00E+00	3.46E-09	-1.70E-08	-1.07E-03	0.00E+00	-2.56E-01	0.00E+00	2.97E-01	-2.44E-05	2.97E-01	1.41E-01	-2.56E-01	0.00E+00	0.00E+00	0.00E+00	-5.43E+01
MBS532E	-7.12E-03	2.83E-02	2.02E-03	2.28E-03	0.00E+00	0.00E+00	-5.76E-01	-1.10E-03	6.09E-04	-2.79E-03	0.00E+00	4.60E-20	-1.41E-09	-5.80E-08	-7.51E-03	-1.30E+00	0.00E+00	0.00E+00	-8.02E-01	1.53E-19	3.22E-01	0.00E+00	3.98E-09	-9.78E-09	-7.74E-04	0.00E+00	-2.13E-01	0.00E+00	3.22E-01	-2.46E-05	3.22E-01	6.89E-02	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-3.91E+01
MBS540E	-1.30E-02	6.63E-02	2.14E-03	-5.57E-03	0.00E+00	0.00E+00	-1.19E+00	-1.52E-03	3.58E-04	-4.22E-03	0.00E+00	4.60E-20	-1.82E-09	-6.74E-08	-4.13E-03	-1.38E+00	0.00E+00	0.00E+00	-1.26E+00	1.53E-19	1.82E-01	0.00E+00	3.22E-09	-2.02E-08	-1.06E-03	0.00E+00	-2.41E-01	0.00E+00	1.82E-01	-3.56E-05	1.82E-01	1.07E-01	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	-6.77E+01
MBS550E	-7.43E-03	2.06E-02	-6.96E-04	3.85E-02	0.00E+00	0.00E+00	-1.01E+00	-1.15E-03	1.56E-03	-1.77E-03	0.00E+00	4.60E-20	-6.51E-10	-7.67E-08	-4.56E-03	-1.24E+00	0.00E+00	0.00E+00	-1.03E+00	1.53E-19	5.26E-01	0.00E+00	2.98E-09	-1.21E-08	-1.37E-03	0.00E+00	-2.07E-01	0.00E+00	5.26E-01	-3.06E-05	5.26E-01	3.02E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-5.32E+01
MBS563E	-6.24E-03	3.53E-02	-1.16E-03	8.61E-02	0.00E+00	0.00E+00	-1.17E+00	-1.20E-03	1.70E-03	-1.35E-03	0.00E+00	4.60E-20	-1.31E-09	-8.50E-08	-2.86E-03	-1.30E+00	0.00E+00	0.00E+00	-1.23E+00	1.53E-19	3.04E-01	0.00E+00	-2.33E-11	-1.58E-08	-1.47E-03	0.00E+00	-2.07E-01	0.00E+00	3.04E-01	-3.12E-05	3.04E-01	-1.52E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-6.65E+01
MBS606	-1.22E-02	1.58E-01	2.99E-03	1.54E-01	0.00E+00	0.00E+00	-1.35E+00	-1.46E-03	3.99E-06	-4.40E-03	0.00E+00	4.60E-20	-1.71E-09	-1.58E-07	-1.54E-02	-2.17E+00	0.00E+00	0.00E+00	-2.10E+00	1.53E-19	3.26E-01	0.00E+00	1.45E-08	-1.70E-08	-1.45E-03	0.00E+00	-4.17E-01	0.00E+00	3.26E-01	-4.30E-05	3.26E-01	3.90E-02	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	-9.76E+01
MBS606E	-1.58E-02	2.65E-01	4.13E-03	2.61E-01	0.00E+00	0.00E+00	-2.10E+00	-1.66E-03	-4.54E-04	-6.11E-03	0.00E+00	1.27E-19	-2.07E-09	-1.90E-07	-2.62E-02	-1.86E+00	0.00E+00	0.00E+00	-2.55E+00	4.49E-19	6.69E-01	0.00E+00	1.57E-08	-2.61E-08	-1.99E-03	0.00E+00	-4.34E-01	0.00E+00	6.69E-01	-5.18E-05	6.69E-01	2.35E-01	-4.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MBS610	-4.34E-03	1.91E-02	3.75E-03	1.77E-02	0.00E+00	0.00E+00	-8.27E-01	-8.77E-04	1.78E-04	-2.15E-03	0.00E+00	4.60E-20	-1.65E-09	-7.86E-08	-3.28E-03	-1.91E+00	0.00E+00	0.00E+00	-1.57E+00	1.53E-19	-1.37E-01	0.00E+00	1.32E-08	-9.12E-09	-5.87E-04	0.00E+00	-4.18E-01	0.00E+00	-1.37E-01	-2.13E-05	-1.37E-01	-4.39E-01	-4.18E-01	0.00E+00	0.00E+00	0.00E+00	-7.48E+01
MBS610E	2.19E-03	1.61E-01	1.04E-02	1.51E-01	0.00E+00	0.00E+00	2.72E+00	4.78E-06	1.23E-03	1.82E-03	0.00E+00	1.12E-19	2.41E-10	1.66E-08	1.56E-02	-1.35E+00	0.00E+00	0.00E+00	1.70E+00	3.75E-19	2.99E+00	0.00E+00	2.32E-08	9.69E-09	5.74E-04	0.00E+00	2.41E-02	0.00E+00	2.99E+00	2.10E-07	2.99E+00	3.01E+00	2.41E-02	0.00E+00	0.00E+00	0.00E+00	5.89E+01
MBS613	-6.37E-03	2.48E-02	-4.99E-04	-1.23E-01	0.00E+00	0.00E+00	-1.69E+00	-1.30E-03	-2.40E-04	-2.93E-03	0.00E+00	4.60E-20	-3.85E-09	-1.00E-07	-4.20E-03	-2.30E+00	0.00E+00	0.00E+00	-2.45E+00	1.53E-19	-9.18E-01	0.00E+00	9.81E-09	-2.47E-08	-1.54E-03	0.00E+00	-5.35E-01	0.00E+00	-9.18E-01	-2.91E-05	-9.18E-01	-1.26E+00	-5.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
MBS616	-2.15E-02	-5.44E-01	-7.96E-03	-5.36E-01	0.00E+00	0.00E+00	-5.71E+00	-2.04E-03	-1.18E-03	-1.48E-02	0.00E+00	8.02E-21	-5.14E-09	-2.38E-07	-4.47E-02	-4.91E+00	0.00E+00	0.00E+00	-6.18E+00	1.92E-20	-5.32E+00	0.00E+00	-2.32E-08	-6.63E-08	-4.79E-03	0.00E+00	-1.21E+00	0.00E+00	-5.32E+00	-6.57E-05	-5.32E+00	-6.53E+00	-1.21E+00	0.00E+00	0.00E+00	0.00E+00	-2.57E+02
MBS616E	-1.20E-02	3.55E-01	7.14E-03	3.48E-01	0.00E+00	0.00E+00	-7.79E-01	-1.35E-03	1.30E-04	-3.71E-03	0.00E+00	1.42E-19	-1.47E-09	-1.49E-07	-2.20E-02	-1.06E+00	0.00E+00	0.00E+00	-1.64E+00	5.05E-19	1.96E+00	0.00E+00	2.42E-08	-1.49E-08	-1.20E-03	0.00E+00	-2.56E-01	0.00E+00	1.96E+00	-3.88E-05	1.96E+00	1.70E+00	-2.56E-01	0.00E+00	0.00E+00	0.00E+00	-8.01E+01
MBS620	-7.06E-03	2.93E-02	4.91E-04	-5.54E-02	0.00E+00	0.00E+00	-1.41E+00	-2.06E-03	-4.20E-04	-4.89E-03	0.00E+00	4.60E-20	-4.02E-09	-1.56E-07	-6.86E-03	-2.32E+00	0.00E+00	0.00E+00	-2.20E+00	1.53E-19	-2.00E-01	0.00E+00	5.29E-09	-3.98E-08	-2.58E-03	0.00E+00	-4.48E-01	0.00E+00	-2.00E-01	-5.01E-05	-2.00E-01	-5.91E-01	-4.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
MBS620E	-2.86E-02	-1.63E-01	-6.22E-03	-1.57E-01	0.00E+00	0.00E+00	-7.42E+00	-2.86E-03	-1.24E-03	-1.59E-02	0.00E+00	7.34E-20	-6.04E-09	-3.32E-07	-4.09E-03	-3.47E+00	0.00E+00	0.00E+00	-6.81E+00	2.48E-19	-4.11E+00	0.00E+00	-1.38E-08	-7.12E-08	-5.27E-03	0.00E+00	-7.95E-01	0.00E+00	-4.11E+00	-8.48E-05	-4.11E+00	-4.91E+00	-7.95E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+02
MBS625	-1.76E-02	1.80E-01	-1.67E-04	2.42E-01	0.00E+00	0.00E+00	-1.96E+00	-1.26E-03	-7.09E-04	-6.74E-03	0.00E+00	4.60E-20	-3.27E-09	-1.07E-07	-1.41E-02	-2.28E+00	0.00E+00	0.00E+00	-2.48E+00	1.53E-19	9.32E-01	0.00E+00	2.43E-09	-1.38E-08	-8.67E-06	0.00E+00	-3.25E-01	0.00E+00	9.32E-01	-5.16E-05	9.32E-01	5.93E-01	-3.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
MBS625E	5.64E-03	5.76E-01	1.99E-02	5.56E-01	0.00E+00	0.00E+00	4.34E+00	7.50E-06	3.57E-03	5.26E-03	0.00E+00	1.80E-19	5.43E-10	3.97E-08	-1.16E-02	4.29E-01	0.00E+00	0.00E+00	2.57E+00	6.47E-19	4.81E+00	0.00E+00	4.32E-08	1.91E-08	1.52E-03	0.00E+00	2.36E-01	0.00E+00	4.81E+00	4.54E-07	4.81E+00	5.04E+00	2.36E-01	0.00E+00	0.00E+00	0.00E+00	9.17E+01
MBS632	-4.11E-02	9.09E-02	9.05E-04	-5.58E-02	0.00E+00	0.00E+00	-5.94E+00	-4.47E-03	1.02E-03	-1.82E-02	0.00E+00	4.60E-20	-4.83E-09	-3.27E-07	-1.15E-02	-3.43E+00	0.00E+00	0.00E+00	-5.74E+00	1.53E-19	-1.77E+00	0.00E+00	1.30E-09	-6.77E-08	-6.14E-03	0.00E+00	-8.55E-01	0.00E+00	-1.77E+00	-1.13E-04	-1.77E+00	-2.59E+00	-8.55E-01	0.00E+00	0.00E+00	0.00E+00	-2.54E+02
MBS632E	-5.58E-02	-4.92E-01	-8.72E-03	-4.84E-01	0.00E+00	0.00E+00	-1.24E+01	-5.56E-03	-2.48E-03	-3.17E-02	0.00E+00	5.93E-20	-7.59E-09	-6.46E-07	-4.13E-02	-7.73E+00	0.00E+00	0.00E+00	-1.11E+01	2.00E-19	-4.44E+00	0.00E+00	-1.69E-08	-1.10E-07	-9.19E-03	0.00E+00	-1.69E+00	0.00E+00	-4.44E+00	-1.61E-04	-4.44E+00	-6.13E+00	-1.69E+00	0.00E+00	0.00E+00	0.00E+00	-4.79E+02
MBS640	-5.19E-02	8.93E-02	4.06E-03	-4.11E-01	0.00E+00	0.00E+00	-6.04E+00	-5.60E-03	-1.91E-03	-3.16E-02	0.00E+00	4.60E-20	-6.63E-09	-5.46E-07	-1.35E-02	-4.55E+00	0.00E+00	0.00E+00	-5.75E+00	1.53E-19	-2.54E+00	0.00E+00	6.99E-09	-9.33E-08	-8.21E-03	0.00E+00	-8.76E-01	0.00E+00	-2.54E+00	-1.41E-04	-2.54E+00	-3.47E+00	-8.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+02
MBS640E	-5.71E-02	-7.37E-01	-1.55E-02	-7.21E-01	0.00E+00	0.00E+00	-1.45E+01	-5.63E-03	-2.71E-03	-3.44E-02	0.00E+00	1.79E-20	-9.86E-09	-6.56E-07	-1.45E-02	-6.96E+00	0.00E+00	0.00E+00	-1.30E+01	4.94E-20	-7.52E+00	0.00E+00	-3.63E-08	-1.29E-07	-1.04E-02	0.00E+00	-1.60E+00	0.00E+00	-7.52E+00	-1.65E-04	-7.52E+00	-9.12E+00	-1.60E+00	0.00E+00	0.00E+00	0.00E+00	-5.54E+02
MBS650E	-6.65E-02	-9.15E-01	-1.86E-02	-8.96E-01	0.00E+00	0.00E+00	-1.69E+01	-6.52E-03	-3.18E-03	-4.03E-02	0.00E+00	0.00E+00	-1.12E-08	-7.60E-07	-5.50E-02	-9.12E+00	0.00E+00	0.00E+00	-1.55E+01	0.00E+00	-9.36E+00	0.00E+00	-4.42E-08	-1.53E-07	-1.21E-02	0.00E+00	-2.22E+00	0.00E+00	-9.36E+00	-1.91E-04	-9.36E+00	-1.16E+01	-2.22E+00	0.00E+00	0.00E+00	0.00E+00	-6.57E+02
MBS663E	-1.04E-01	-9.15E-01	-1.90E-02	-8.96E-01	0.00E+00	0.00E+00	-1.71E+01	-6.59E-03	-3.22E-03	-4.08E-02	0.00E+00	0.00E+00	-1.14E-08	-7.69E-07	-5.52E-02	-8.41E+00	0.00E+00	0.00E+00	-1.58E+01	0.00E+00	-9.46E+00	0.00E+00	-4.47E-08	-1.54E-07	-1.22E-02	0.00E+00	-2.13E+00	0.00E+00	-9.46E+00	-1.94E-04	-9.46E+00	-1.16E+01	-2.13E+00	0.00E+00	0.00E+00	0.00E+00	-6.69E+02
MC100A	-3.87E-03	1.64E-02	4.66E-04	1.73E-02	0.00E+00	0.00E+00	-8.96E-01	-5.58E-04	3.01E-05	-2.07E-03	0.00E+00	4.60E-20	-1.05E-09	-6.89E-08	-1.85E-03	-9.54E-01	0.00E+00	0.00E+00	-8.14E-01	1.53E-19	-1.89E-01	0.00E+00	1.25E-09	-1.02E-08	-9.76E-04	0.00E+00	-1.23E-01	0.00E+00	-1.89E-01	-1.80E-05	-1.89E-01	-3.68E-01	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-3.72E+01
MC101A	-6.08E-03	-6.87E-02	2.80E-04	-2.82E-02	0.00E+00	0.00E+00	-1.02E+00	-6.25E-04	2.07E-05	-2.81E-03	0.00E+00	4.60E-20	-1.14E-09	-7.32E-08	-2.43E-03	-1.06E+00	0.00E+00	0.00E+00	-9.56E-01	1.53E-19	-2.48E-01	0.00E+00	1.50E-10	-1.35E-08	-1.27E-03	0.00E+00	-1.61E-01	0.00E+00	-2.48E-01	-2.06E-05	-2.48E-01	-4.47E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-4.26E+01
MC102A	-6.23E-03	-6.51E-02	5.34E-04	-1.57E-02	0.00E+00	0.00E+00	-9.62E-01	-6.19E-04	4.78E-05	-2.83E-03	0.00E+00	4.60E-20	-1.07E-09	-6.10E-08	-2.58E-03	-9.39E-01	0.00E+00	0.00E+00	-9.35E-01	1.53E-19	-2.48E-01	0.00E+00	-5.96E-11	-1.29E-08	-1.24E-03	0.00E+00	-1.69E-01	0.00E+00	-2.48E-01	-1.92E-05	-2.48E-01	-4.45E-01	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
MC103A	-4.13E-03	2.36E-02	6.63E-04	2.88E-02	0.00E+00	0.00E+00	-8.82E-01	-5.79E-04	6.28E-05	-2.03E-03	0.00E+00	4.60E-20	-9.74E-10	-5.54E-08	-1.76E-03	-8.55E-01	0.00E+00	0.00E+00	-7.86E-01	1.53E-19	-1.43E-01	0.00E+00	1.19E-09	-1.02E-08	-8.53E-04	0.00E+00	-1.29E-01	0.00E+00	-1.43E-01	-1.71E-05	-1.43E-01	-3.31E-01	-1.29E-01	0.00E+00	0.00E+00	0.00E+00	-3.46E+01
MC104A	-4.13E-03	2.39E-02	5.51E-04	2.63E-02	0.00E+00	0.00E+00	-8.77E-01	-5.85E-04	5.96E-05	-2.07E-03	0.00E+00	4.60E-20	-9.89E-10	-6.03E-08	-1.54E-03	-8.65E-01	0.00E+00	0.00E+00	-8.21E-01	1.53E-19	-1.54E-01	0.00E+00	1.01E-09	-9.99E-09	-8.81E-04	0.00E+00	-1.30E-01	0.00E+00	-1.54E-01	-1.72E-05	-1.54E-01	-3.32E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-3.62E+01
MC106A	-1.10E-03	1.28E-02	1.42E-03	2.19E-02	0.00E+00	0.00E+00	-3.34E-02	-1.01E-04	1.33E-04	-5.13E-04	0.00E+00	4.60E-20	-5.36E-10	-1.15E-08	-2.11E-03	-3.83E-01	0.00E+00	0.00E+00	-3.01E-01	1.53E-19	-1.16E-02	0.00E+00	1.32E-09	-4.18E-09	-3.77E-04	0.00E+00	-7.39E-02	0.00E+00	-1.16E-02	-1.48E-06	-1.16E-02	-5.85E-02	-7.39E-02	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
MC110A	-7.83E-04	1.63E-02	1.15E-03	1.90E-02	0.00E+00	0.00E+00	-2.15E-03	-9.34E-05	1.53E-04	-4.22E-04	0.00E+00	4.60E-20	-6.98E-10	-3.64E-09	5.04E-04	-4.68E-01	0.00E+00	0.00E+00	-2.86E-01	1.53E-19	-8.38E-02	0.00E+00	8.29E-10	-4.26E-09	-2.55E-04	0.00E+00	-7.24E-02	0.00E+00	-8.38E-02	-1.70E-06	-8.38E-02	-1.80E-01	-7.24E-02	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
MC110P	-2.91E-03	-1.75E-01	-2.18E-03	-1.60E-01	0.00E+00	0.00E+00	-1.29E+00	-2.82E-04	-2.27E-04	-2.65E-03	0.00E+00	4.60E-20	-1.17E-09	-3.87E-08	-5.86E-03	-5.50E+00	0.00E+00	0.00E+00	-1.47E+00	1.53E-19	-1.24E+00	0.00E+00	-6.10E-09	-1.64E-08	-9.34E-04	0.00E+00	-6.96E-01	0.00E+00	-1.24E+00	-8.60E-06	-1.24E+00	-1.95E+00	-6.96E-01	0.00E+00	0.00E+00	0.00E+00	-6.20E+01

MC113A	-1.20E-03	3.57E-02	1.22E-03	3.99E-02	0.00E+00	0.00E+00	-9.35E-02	-1.03E-04	1.04E-04	-6.59E-04	0.00E+00	4.60E-20	-4.95E-10	-9.67E-09	-6.74E-04	-3.63E-01	0.00E+00	0.00E+00	-3.43E-01	1.53E-19	-1.97E-02	0.00E+00	2.41E-09	-4.75E-09	-3.35E-04	0.00E+00	-6.34E-02	0.00E+00	-1.97E-02	-3.39E-06	-1.97E-02	-3.19E-02	-6.34E-02	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
MC116A	-6.38E-04	1.62E-02	1.05E-03	2.00E-02	0.00E+00	0.00E+00	-3.44E-04	-3.63E-05	1.49E-04	-3.87E-04	0.00E+00	4.60E-20	-5.11E-10	-1.30E-09	6.38E-04	-3.29E-01	0.00E+00	0.00E+00	-2.83E-01	1.53E-19	-1.08E-01	0.00E+00	1.20E-09	-3.38E-09	-2.20E-04	0.00E+00	-5.10E-02	0.00E+00	-1.08E-01	-1.22E-06	-1.08E-01	-1.96E-01	-5.10E-02	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
MC116P	-2.90E-03	-1.73E-01	-2.18E-03	-1.57E-01	0.00E+00	0.00E+00	-1.30E+00	-2.69E-04	-2.26E-04	-2.59E-03	0.00E+00	4.60E-20	-1.18E-09	-3.87E-08	-5.77E-03	-5.44E+00	0.00E+00	0.00E+00	-1.48E+00	1.53E-19	-1.24E+00	0.00E+00	-6.14E-09	-1.64E-08	-9.40E-04	0.00E+00	-6.95E-01	0.00E+00	-1.24E+00	-8.66E-06	-1.24E+00	-1.95E+00	-6.95E-01	0.00E+00	0.00E+00	0.00E+00	-6.26E+01
MC120A	-1.50E-03	4.39E-02	6.38E-04	3.94E-02	0.00E+00	0.00E+00	-1.21E-01	-1.21E-04	7.98E-05	-2.01E-03	0.00E+00	4.60E-20	-4.30E-10	-2.53E-08	-6.39E-04	-3.17E-01	0.00E+00	0.00E+00	-3.55E-01	1.53E-19	4.07E-02	0.00E+00	2.77E-09	-4.24E-09	-7.28E-04	0.00E+00	-6.77E-02	0.00E+00	4.07E-02	-5.21E-06	4.07E-02	-2.96E-03	-6.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
MC120P	-2.98E-03	-1.76E-01	-2.18E-03	-1.61E-01	0.00E+00	0.00E+00	-1.33E+00	-2.75E-04	-2.30E-04	-2.69E-03	0.00E+00	4.60E-20	-1.19E-09	-3.90E-08	-6.56E-03	-5.57E+00	0.00E+00	0.00E+00	-1.51E+00	1.53E-19	-1.24E+00	0.00E+00	-6.10E-09	-1.68E-08	-9.42E-04	0.00E+00	-7.24E-01	0.00E+00	-1.24E+00	-8.81E-06	-1.24E+00	-2.00E+00	-7.24E-01	0.00E+00	0.00E+00	0.00E+00	-6.32E+01
MC125A	-1.30E-03	3.47E-02	1.80E-03	3.26E-02	0.00E+00	0.00E+00	-5.97E-02	-1.79E-04	1.49E-04	-9.85E-04	0.00E+00	4.60E-20	-5.38E-10	-1.96E-08	-1.06E-03	-2.26E-01	0.00E+00	0.00E+00	-3.89E-01	1.53E-19	8.58E-02	0.00E+00	4.35E-09	-4.07E-09	-2.41E-04	0.00E+00	-3.32E-02	0.00E+00	8.58E-02	-4.24E-06	8.58E-02	7.27E-02	-3.32E-02	0.00E+00	0.00E+00	0.00E+00	-1.77E+01
MC132A	-9.32E-03	2.82E-02	7.76E-04	3.74E-02	0.00E+00	0.00E+00	-1.71E+00	-1.04E-03	-9.95E-05	-4.56E-03	0.00E+00	4.60E-20	-1.32E-09	-1.30E-07	-8.21E-04	-1.00E+00	0.00E+00	0.00E+00	-1.66E+00	1.53E-19	-6.45E-02	0.00E+00	1.92E-09	-1.86E-08	-1.39E-03	0.00E+00	-1.69E-01	0.00E+00	-6.45E-02	-3.19E-05	-6.45E-02	-2.16E-01	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-7.22E+01
MC140A	-6.28E-03	3.62E-02	1.63E-03	6.36E-02	0.00E+00	0.00E+00	-1.46E+00	-7.74E-04	1.65E-04	-3.30E-03	0.00E+00	4.60E-20	-1.19E-09	-9.02E-08	-1.14E-03	-8.50E-01	0.00E+00	0.00E+00	-1.47E+00	1.53E-19	-1.87E-02	0.00E+00	4.36E-09	-1.45E-08	-9.71E-04	0.00E+00	-1.51E-01	0.00E+00	-1.87E-02	-2.32E-05	-1.87E-02	-1.42E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-6.41E+01
MC150A	-7.77E-03	-1.37E-01	-8.38E-05	-9.09E-02	0.00E+00	0.00E+00	-1.30E+00	-8.11E-04	-6.53E-05	-3.47E-03	0.00E+00	4.60E-20	-1.17E-09	-8.47E-08	-3.64E-03	-1.05E+00	0.00E+00	0.00E+00	-1.15E+00	1.53E-19	-6.73E-01	0.00E+00	-6.17E-10	-1.39E-08	-1.34E-03	0.00E+00	-2.61E-01	0.00E+00	-6.73E-01	-2.18E-05	-6.73E-01	-1.12E+00	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-5.08E+01
MC163A	-5.33E-03	-1.12E-01	-6.00E-04	-7.81E-02	0.00E+00	0.00E+00	-1.10E+00	-6.59E-04	3.04E-04	-3.14E-03	0.00E+00	4.60E-20	-1.05E-09	-7.20E-08	-3.80E-03	-8.66E-01	0.00E+00	0.00E+00	-1.01E+00	1.53E-19	-6.80E-01	0.00E+00	1.80E-10	-1.06E-08	-1.07E-03	0.00E+00	-2.47E-01	0.00E+00	-6.80E-01	-2.01E-05	-6.80E-01	-1.11E+00	-2.47E-01	0.00E+00	0.00E+00	0.00E+00	-4.20E+01
MC201A	-8.80E-03	-6.39E-02	4.10E-04	-5.90E-02	0.00E+00	0.00E+00	-1.68E+00	-7.44E-04	-1.04E-04	-3.79E-03	0.00E+00	4.60E-20	-1.98E-09	-1.07E-07	-6.22E-03	-1.91E+00	0.00E+00	0.00E+00	-1.73E+00	1.53E-19	-4.73E-01	0.00E+00	2.28E-10	-1.92E-08	-1.96E-03	0.00E+00	-3.50E-01	0.00E+00	-4.73E-01	-2.96E-05	-4.73E-01	-7.90E-01	-3.50E-01	0.00E+00	0.00E+00	0.00E+00	-7.49E+01
MC202A	-8.98E-03	-6.17E-02	5.89E-04	-6.03E-02	0.00E+00	0.00E+00	-1.60E+00	-7.37E-04	-6.04E-05	-3.97E-03	0.00E+00	4.60E-20	-1.93E-09	-9.32E-08	-5.99E-03	-1.79E+00	0.00E+00	0.00E+00	-1.60E+00	1.53E-19	-3.73E-01	0.00E+00	6.72E-10	-1.90E-08	-1.93E-03	0.00E+00	-3.31E-01	0.00E+00	-3.73E-01	-2.72E-05	-3.73E-01	-6.67E-01	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	-7.14E+01
MC203A	-7.75E-03	2.27E-02	7.58E-04	6.05E-04	0.00E+00	0.00E+00	-1.67E+00	-7.84E-04	-4.17E-05	-3.52E-03	0.00E+00	4.60E-20	-1.97E-09	-9.96E-08	-5.85E-03	-1.76E+00	0.00E+00	0.00E+00	-1.66E+00	1.53E-19	-3.70E-01	0.00E+00	1.42E-09	-1.74E-08	-1.79E-03	0.00E+00	-3.33E-01	0.00E+00	-3.70E-01	-2.96E-05	-3.70E-01	-6.82E-01	-3.33E-01	0.00E+00	0.00E+00	0.00E+00	-7.46E+01
MC204A	-7.85E-03	2.31E-02	6.43E-04	1.42E-03	0.00E+00	0.00E+00	-1.66E+00	-7.57E-04	-4.39E-05	-3.42E-03	0.00E+00	4.60E-20	-1.95E-09	-1.02E-07	-6.05E-03	-1.80E+00	0.00E+00	0.00E+00	-1.69E+00	1.53E-19	-3.98E-01	0.00E+00	1.07E-09	-1.69E-08	-1.79E-03	0.00E+00	-3.39E-01	0.00E+00	-3.98E-01	-2.87E-05	-3.98E-01	-6.83E-01	-3.39E-01	0.00E+00	0.00E+00	0.00E+00	-7.52E+01
MC206A	-5.87E-03	1.50E-02	2.87E-03	2.40E-02	0.00E+00	0.00E+00	-1.98E-01	-3.18E-04	1.26E-04	-1.87E-03	0.00E+00	4.60E-20	-8.65E-10	-4.19E-08	-4.69E-03	-9.69E-01	0.00E+00	0.00E+00	-5.97E-01	1.53E-19	-1.14E-01	0.00E+00	3.27E-09	-9.35E-09	-6.88E-04	0.00E+00	-1.67E-01	0.00E+00	-1.14E-01	-1.20E-05	-1.14E-01	-1.01E-01	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
MC210A	-5.11E-03	3.89E-02	2.29E-03	3.54E-02	0.00E+00	0.00E+00	3.24E-02	-3.64E-04	1.56E-04	-1.41E-03	0.00E+00	4.60E-20	-9.60E-10	-3.12E-08	-1.77E-03	-8.52E-01	0.00E+00	0.00E+00	-4.43E-01	1.53E-19	9.62E-02	0.00E+00	2.12E-09	-8.97E-09	-4.90E-04	0.00E+00	-1.00E-01	0.00E+00	9.62E-02	-8.74E-06	9.62E-02	6.36E-02	-1.00E-01	0.00E+00	0.00E+00	0.00E+00	-2.13E+01
MC210P	-5.48E-03	-3.65E-01	-3.47E-03	-2.79E-01	0.00E+00	0.00E+00	-1.66E+00	-5.47E-04	-3.45E-04	-4.62E-03	0.00E+00	4.60E-20	-1.97E-09	-6.64E-08	-1.03E-02	-6.69E+00	0.00E+00	0.00E+00	-2.15E+00	1.53E-19	-2.57E+00	0.00E+00	-1.02E-08	-2.72E-08	-1.67E-03	0.00E+00	-9.98E-01	0.00E+00	-2.57E+00	-1.79E-05	-2.57E+00	-4.12E+00	-9.98E-01	0.00E+00	0.00E+00	0.00E+00	-8.82E+01
MC213A	-5.47E-03	4.50E-02	2.86E-03	1.43E-02	0.00E+00	0.00E+00	-3.23E-01	-5.80E-04	8.60E-05	-2.31E-03	0.00E+00	4.60E-20	-1.08E-09	-6.25E-08	-7.16E-04	-1.14E+00	0.00E+00	0.00E+00	-9.63E-01	1.53E-19	-5.85E-02	0.00E+00	5.75E-09	-1.09E-08	-8.67E-04	0.00E+00	-1.84E-01	0.00E+00	-5.85E-02	-1.83E-05	-5.85E-02	-1.05E-02	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
MC216A	-5.58E-03	2.41E-02	2.44E-03	6.40E-04	0.00E+00	0.00E+00	-3.88E-01	-5.48E-04	7.84E-05	-2.52E-03	0.00E+00	4.60E-20	-1.11E-09	-6.42E-08	-3.67E-03	-1.11E+00	0.00E+00	0.00E+00	-1.15E+00	1.53E-19	-2.14E-01	0.00E+00	3.65E-09	-1.24E-08	-9.56E-04	0.00E+00	-2.13E-01	0.00E+00	-2.14E-01	-1.63E-05	-2.14E-01	-2.88E-01	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.27E+01
MC220A	-2.23E-03	4.03E-02	1.81E-03	2.08E-02	0.00E+00	0.00E+00	-1.47E-01	-3.43E-04	1.57E-04	-1.06E-03	0.00E+00	4.60E-20	-1.07E-09	-3.97E-08	-3.51E-03	-7.61E-01	0.00E+00	0.00E+00	-5.18E-01	1.53E-19	-1.29E-02	0.00E+00	3.93E-09	-8.02E-09	-5.51E-04	0.00E+00	-1.09E-01	0.00E+00	-1.29E-02	-1.15E-05	-1.29E-02	-8.27E-02	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
MC225A	-1.79E-03	-4.67E-03	1.71E-03	-3.24E-02	0.00E+00	0.00E+00	-5.03E-01	-4.88E-04	9.16E-05	-2.07E-03	0.00E+00	4.60E-20	-1.42E-09	-4.42E-08	-8.88E-04	-9.41E-01	0.00E+00	0.00E+00	-1.02E+00	1.53E-19	-2.12E-01	0.00E+00	3.35E-09	-1.19E-08	-8.12E-04	0.00E+00	-1.62E-01	0.00E+00	-2.12E-01	-1.47E-05	-2.12E-01	-3.72E-01	-1.62E-01	0.00E+00	0.00E+00	0.00E+00	-4.68E+01
MC232A	-1.02E-02	1.49E-02	4.87E-04	1.78E-02	0.00E+00	0.00E+00	-2.28E+00	-8.63E-04	-1.55E-04	-5.54E-03	0.00E+00	4.60E-20	-2.36E-09	-1.49E-07	-1.40E-03	-1.76E+00	0.00E+00	0.00E+00	-2.23E+00	1.53E-19	-2.54E-01	0.00E+00	1.83E-09	-2.58E-08	-2.02E-03	0.00E+00	-3.54E-01	0.00E+00	-2.54E-01	-3.76E-05	-2.54E-01	-4.81E-01	-3.54E-01	0.00E+00	0.00E+00	0.00E+00	-9.94E+01
MC240A	-7.93E-03	4.92E-02	1.82E-03	7.33E-02	0.00E+00	0.00E+00	-1.57E+00	-6.40E-04	4.18E-04	-3.55E-03	0.00E+00	4.60E-20	-2.17E-09	-9.40E-08	-1.49E-03	-1.37E+00	0.00E+00	0.00E+00	-1.76E+00	1.53E-19	1.30E-01	0.00E+00	5.45E-09	-2.02E-08	-1.56E-03	0.00E+00	-2.91E-01	0.00E+00	1.30E-01	-3.03E-05	1.30E-01	-9.60E-02	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	-8.11E+01
MC250A	-1.16E-02	-2.48E-01	-3.14E-03	-1.30E-01	0.00E+00	0.00E+00	-1.75E+00	-1.29E-03	-1.50E-04	-4.00E-03	0.00E+00	4.60E-20	-1.60E-09	-8.05E-08	-6.21E-03	-2.19E+00	0.00E+00	0.00E+00	-1.60E+00	1.53E-19	-2.02E+00	0.00E+00	-5.61E-09	-2.00E-08	-2.12E-03	0.00E+00	-5.18E-01	0.00E+00	-2.02E+00	-3.05E-05	-2.02E+00	-2.75E+00	-5.18E-01	0.00E+00	0.00E+00	0.00E+00	-8.17E+01
MC263A	-8.60E-03	-2.00E-01	-3.20E-03	-4.97E-02	0.00E+00	0.00E+00	-1.68E+00	-1.46E-03	1.27E-04	-2.63E-03	0.00E+00	4.60E-20	-1.60E-09	-1.02E-07	-4.65E-03	-1.79E+00	0.00E+00	0.00E+00	-1.63E+00	1.53E-19	-1.72E+00	0.00E+00	-2.04E-09	-4.04E-08	-1.74E-03	0.00E+00	-4.43E-01	0.00E+00	-1.72E+00	-3.93E-05	-1.72E+00	-2.28E+00	-4.43E-01	0.00E+00	0.00E+00	0.00E+00	-8.22E+01
MC301A	-1.45E-02	-1.63E-01	-5.29E-04	-7.35E-02	0.00E+00	0.00E+00	-2.51E+00	-1.42E-03	-4.06E-04	-7.10E-03	0.00E+00	4.60E-20	-3.35E-09	-1.55E-07	-5.97E-03	-2.85E+00	0.00E+00	0.00E+00	-3.17E+00	1.53E-19	-1.24E+00	0.00E+00	-2.03E-09	-3.67E-08	-2.74E-03	0.00E+00	-5.89E-01	0.00E+00	-1.24E+00	-3.70E-05	-1.24E+00	-1.87E+00	-5.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MC302A	-1.53E-02	-1.81E-01	-5.77E-04	-9.33E-02	0.00E+00	0.00E+00	-2.57E+00	-1.46E-03	-4.08E-04	-7.62E-03	0.00E+00	4.60E-20	-3.39E-09	-1.55E-07	-5.16E-03	-2.86E+00	0.00E+00	0.00E+00	-3.24E+00	1.53E-19	-1.24E+00	0.00E+00	-1.87E-09	-3.82E-08	-2.77E-03	0.00E+00	-5.89E-01	0.00E+00	-1.24E+00	-4.28E-05	-1.24E+00	-1.90E+00	-5.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.55E+02
MC303A	-1.46E-02	-1.23E-01	-8.73E-04	-6.77E-02	0.00E+00	0.00E+00	-2.55E+00	-1.49E-03	-4.05E-04	-7.96E-03	0.00E+00	4.60E-20	-3.53E-09	-1.80E-07	-5.04E-03	-2.86E+00	0.00E+00	0.00E+00	-3.35E+00	1.53E-19	-1.32E+00	0.00E+00	-3.01E-09	-4.10E-08	-2.65E-03	0.00E+00	-6.06E-01	0.00E+00	-1.32E+00	-4.67E-05	-1.32E+00	-1.94E+00	-6.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
MC304A	-1.47E-02	-1.12E-01	-7.74E-04	-5.99E-02	0.00E+00	0.00E+00	-2.60E+00	-1.52E-03	-4.16E-04	-7.69E-03	0.00E+00	4.60E-20	-3.39E-09	-1.81E-07	-6.16E-03	-2.91E+00	0.00E+00	0.00E+00	-3.30E+00	1.53E-19	-1.27E+00	0.00E+00	-2.72E-09	-3.75E-08	-2.58E-03	0.00E+00	-6.17E-01	0.00E+00	-1.27E+00	-4.71E-05	-1.27E+00	-1.94E+00	-6.17E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
MC306A	-6.27E-03	4.98E-03	3.33E-03	1.17E-03	0.00E+00	0.00E+00	3.37E-02	-7.57E-04	1.04E-04	-3.30E-03	0.00E+00	4.60E-20	-1.09E-09	-7.94E-08	6.26E-04	-1.32E+00	0.00E+00	0.00E+00	-8.65E-01	1.53E-19	-1.22E-01	0.00E+00	3.25E-09	-1.35E-08	-1.16E-03	0.00E+00	-2.06E-01	0.00E+00	-1.22E-01	-2.27E-05	-1.22E-01	-3.02E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-4.17E+01
MC310A	-5.69E-03	-1.71E-05	3.22E-03	2.27E-03	0.00E+00	0.00E+00	-5.92E-01	-6.84E-04	6.43E-05	-4.32E-03	0.00E+00	4.60E-20	-1.28E-09	-7.22E-08	1.76E-03	-1.43E+00	0.00E+00	0.00E+00	-1.75E+00	1.53E-19	-7.11E-01	0.00E+00	8.26E-10	-1.34E-08	-1.24E-03	0.00E+00	-3.16E-01	0.00E+00	-7.11E-01	-1.74E-05	-7.11E-01	-9.06E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-7.78E+01
MC310P	-8.15E-03	-3.93E-01	-6.17E-03	-3.23E-01	0.00E+00	0.00E+00	-2.13E+00	-7.53E-04	-4.82E-04	-5.89E-03	0.00E+00	4.60E-20	-2.21E-09	-8.40E-08	-1.00E-02	-6.74E+00	0.00E+00	0.00E+00	-2.60E+00	1.53E-19	-3.66E+00	0.00E+00	-1.72E-08	-3.36E-08	-1.85E-03	0.00E+00	-1.07E+00	0.00E+00	-3.66E+00	-2.05E-05	-3.66E+00	-4.95E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
MC313A	-6.42E-03	-2.13E-02	1.30E-03	-2.99E-02	0.00E+00	0.00E+00	-1.07E+00	-7.11E-04	-8.87E-05	-6.13E-03	0.00E+00	4.60E-20	-1.68E-09	-9.00E-08	1.71E-03	-1.51E+00	0.00E+00	0.00E+00	-2.01E+00	1.53E-19	-8.26E-01	0.00E+00	1.76E-09	-1.88E-08	-1.29E-03	0.00E+00	-3.34E-01	0.00E+00	-8.26E-01	-2.39E-05	-8.26E-01	-9.81E-01	-3.34E-01	0.00E+00	0.00E+00	0.00E+00	-8.75E+01
MC316A	-3.26E-03	1.09E-01	2.87E-03	1.10E-01	0.00E+00	0.00E+00	9.27E-02	-4.89E-04	1.67E-04	-8.11E-04	0.00E+00	4.60E-20	-1.18E-09	-5.00E-08	-6.32E-05	-7.24E-01	0.00E+00	0.00E+00	-4.83E-01	1.53E-19	6.06E-01	0.00E+00	7.56E-09	-7.12E-09	-5.52E-04	0.00E+00	-1.13E-01	0.00E+00	6.06E-01	-1.39E-05	6.06E-01	4.27E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
MC316P	-9.15E-03	-3.96E-01	-6.20E-03	-3.21E-01	0.00E+00	0.00E+00	-2.36E+00	-8.21E-04	-5.29E-04	-6.39E-03	0.00E+00	4.60E-20	-2.53E-09	-8.87E-08	-1.03E-02	-6.71E+00	0.00E+00	0.00E+00	-2.78E+00	1.53E-19	-3.71E+00	0.00E+00	-1.73E-08	-3.51E-08	-1.92E-03	0.00E+00	-1.07E+00	0.00E+00	-3.71E+00	-2.30E-05	-3.71E+00	-4.97E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
MC320A	-4.65E-03	-1.94E-02	6.23E-04	-4.04E-02	0.00E+00	0.00E+00	-1.40E+00	-7.96E-04	-8.47E-05	-7.15E-03	0.00E+00	4.60E-20	-1.60E-09	-8.37E-08	2.12E-03	-1.69E+00	0.00E+00	0.00E+00	-2.05E+00	1.53E-19	-7.19E-01	0.00E+00	2.91E-09	-1.86E-08	-1.23E-03	0.00E+00	-3.69E-01	0.00E+00	-7.19E-01	-2.31E-05	-7.19E-01	-1.05E+00	-3.69E-01	0.00E+00	0.00E+00	0.00E+00	-8.91E+01
MC325A	-3.15E-03	3.35E-02	1.38E-03	6.19E-02	0.00E+00	0.00E+00	-6.38E-01	-6.58E-04	1.11E-04	-6.25E-03	0.00E+00	4.60E-20	-1.54E-09	-8.52E-08	-8.04E-04	-1.15E+00	0.00E+00	0.00E+00	-1.41E+00	1.53E-19	2.03E-01	0.00E+00	7.66E-09	-1.33E-08	-7.02E-04	0.00E+00	-2.47E-01	0.00E+00	2.03E-01	-2.26E-05	2.03E-01	1.50E-01	-2.47E-01	0.00E+00	0.00E+00	0.00E+00	-6.78E+01
MC332A	-1.05E-02	-1.84E-02	-1.05E-03	1.05E-01	0.00E+00	0.00E+00	-2.94E+00	-2.00E-03	-4.74E-04	-4.63E-03	0.00E+00	4.60E-20	-3.38E-09	-2.08E-07	-6.06E-04	-2.69E+00	0.00E+00	0.00E+00	-3.02E+00	1.53E-19	-6.60E-01	0.00E+00	6.80E-09	-5.16E-08	-1.65E-03	0.00E+00	-3.99E-01	0.00E+00	-6.60E-01	-5.79E-05	-6.60E-01	-1.21E+00	-3.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
MC340A	-3.17E-02	-1.79E-01	-9.70E-04	-3.39E-01	0.00E+00	0.00E+00	-5.31E+00	-3.42E-03	-1.32E-03	-1.92E-02	0.00E+00	4.60E-20	-5.71E-09	-3.88E-07	-2.83E-03	-3.45E+00	0.00E+00	0.00E+00	-5.11E+00	1.53E-19	-1.08E+00	0.00E+00	2.30E-09	-6.97E-08	-6.26E-03	0.00E+00	-6.19E-01	0.00E+00	-1.08E+00	-9.70E-05	-1.08E+00	-1.68E+00	-6.19E-01	0.00E+00	0.00E+00	0.00E+00	-2.31E+02
MC350A	-2.52E-02	-3.37E-01	-8.14E-03	-9.59E-02	0.00E+00	0.00E+00	-5.74E+00	-2.18E-03	-7.65E-04	-1.04E-02	0.00E+00	4.60E-20	-5.17E-09	-3.73E-07	-1.91E-03	-3.97E+00	0.00E+00	0.00E+00	-5.59E+00	1.53E-19	-3.46E+00	0.00E+00	-6.46E-09	-6.64E-08	-3.05E-03	0.00E+00	-8.66E-01	0.00E+00	-3.46E+00	-8.48E-05	-3.46E+00	-4.63E+00	-8.66E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+02
MC363A	-4.13E-02	-3.93E-01	-8.15E-03	-3.99E-01	0.00E+00	0.00E+00	-7.44E+00	-3.89E-03	-1.32E-03	-2.17E-02	0.00E+00	4.60E-20	-6.41E-09	-5.50E-07	-3.18E-03	-4.31E+00	0.00E+00	0.00E+00	-6.82E+00	1.53E-19	-3.73E+00	0.00E+00	-5.62E-09	-8.15E-08	-6.14E-03	0.00E+00	-9.55E-01	0.00E+00	-3.73E+00	-1.24E-04	-3.73E+00	-4.91E+00	-9.55E-01	0.00E+00	0.00E+00	0.00E+00	-3.02E+02
MC400A	-2.03E-02	1.56E-02	-8.84E-04	-5.99E-03	0.00E+00	0.00E+00	-3.37E+00	-1.85E-03	-4.07E-04	-9.85E-03	0.00E+00	4.60E-20	-4.23E-09	-1.73E-07	-7.57E-03	-2.75E+00	0.00E+00	0.00E+00	-3.54E+00	1.53E-19	-1.30E+00	0.00E+00	-2.02E-09	-3.20E-08	-3.72E-03	0.00E+00	-5.73E-01	0.00E+00	-1.30E+00	-4.75E-05	-1.30E+00	-2.14E+00	-5.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
MC406A	-7.73E-03	2.43E-03	4.05E-03	2.37E-02	0.00E+00	0.00E+00	-8.78E-01	-9.46E-04	-1.36E-04	-5.21E-03	0.00E+00	4.60E-20	-1.90E-09	-1.03E-07	-9.41E-04	-1.74E+00	0.00E+00	0.00E+00	-1.50E+00	1.53E-19	-1.35E-01	0.00E+00	1.88E-09	-1.88E-08	-1.79E-03	0.00E+00	-2.42E-01	0.00E+00	-1.35E-01	-2.75E-05	-1.35E-01	-2.26E-01	-2.42E-01	0.00E+00	0.00E+00	0.00E+00	-7.21E+01
MC410A	-7.07E-03	-2.87E-02	3.44E-03	-2.33E-03	0.00E+00	0.00E+00	-7.15E-01	-9.33E-04	-1.18E-04	-6.19E-03	0.00E+00	4.60E-20	-2.68E-09	-7.97E-08	1.04E-04	-1.85E+00	0.00E+00	0.00E+00	-1.61E+00	1.53E-19	-4.23E-01	0.00E+00	6.99E-10	-2.60E-08	-2.02E-03	0.00E+00	-2.76E-01	0.00E+00	-4.23E-01	-1.94E-05	-4.23E-01	-5.17E-01	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-7.50E+01
MC413A	-7.46E-03	4.14E-02	2.84E-03	6.15E-02	0.00E+00	0.00E+00	-8.37E-01	-9.45E-04	4.04E-04	-4.66E-03	0.00E+00	4.60E-20	-2.27E-09	-7.43E-08	8.83E-05	-1.38E+00	0.00E+00	0.00E+00	-1.57E+00	1.53E-19	-1.86E-01	0.00E+00	9.34E-10	-1.49E-08	-1.15E-03	0.00E+00	-2.52E-01	0.00E+00	-1.86E-01	-2.10E-05	-1.86E-01	-4.06E-01	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	-7.10E+01
MC416A	-6.25E-03	5.74E-02	2.91E-03	3.28E-02	0.00E+00	0.00E+00	-8.11E-01	-1.01E-03	-4.86E-05	-4.18E-03	0.00E+00	4.60E-20	-2.34E-09	-8.52E-08	-6.97E-04	-1.35E+00	0.00E+00	0.00E+00	-1.36E+00	1.53E-19	3.21E-01	0.00E+00	4.16E-09	-1.86E-08	-1.30E-03	0.00E+00	-2.58E-01	0.00E+00	3.21E-01	-2.82E-05	3.21E-01	-1.05E-01	-2.58E-01	0.00E+00	0.00E+00	0.00E+00	-6.52E+01
MC420A	-6.16E-03	6.12E-02	3.27E-03	1.12E-01	0.00E+00	0.00E+00	-1.56E-01	-9.01E-04	4.75E-04	-3.29E-03	0.00E+00	4.60E-20	-1.87E-09	-5.30E-08	3.75E-04	-1.46E+00	0.00E+00	0.00E+00	-8.73E-01	1.53E-19	7.58E-01	0.00E+00	9.13E-09	-1.03E-08	-1.07E-03	0.00E+00	-1.76E-01	0.00E+00	7.58E-01	-1.87E-05	7.58E-01	5.90E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-4.62E+01
MC425A	-1.69E-02	3.96E-02	2.46E-03	1.20E-01	0.00E+00	0.00E+00	-1.82E+00	-2.05E-03	2.81E-04	-8.31E-03	0.00E+00	4.60E-20	-2.12E-09	-2.16E-07	-2.83E-03	-2.13E+00	0.00E+00	0.00E+00	-2.40E+00	1.53E-19	1.50E-01	0.00E+00	7.37E-09	-3.76E-08	-2.69E-03	0.00E+00	-3.07E-01	0.00E+00	1.50E-01	-5.55E-05	1.50E-01	-1.90E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MC432A	-2.59E-02	6.99E-03	-1.04E-03	8.21E-02	0.00E+00	0.00E+00	-4.99E+00	-4.41E-03	5.59E-04	-1.30E-02	0.00E+00	4.60E-20	-4.83E-09	-2.95E-07	-1.38E-03	-2.91E+00	0.00E+00	0.00E+00	-4.89E+00	1.53E-19	-1.11E+00	0.00E+00	3.11E-09	-5.40E-08	-4.69E-03	0.00E+00	-7.27E-01	0.00E+00	-1.11E+00	-8.01E-05	-1.11E+00	-2.07E+00	-7.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.15E+02
MC440A	-3.59E-02	-1.62E-01	-7.97E-04	-3.11E-01	0.00E+00	0.00E+00	-5.44E+00	-5.00E-03	3.80E-04	-2.46E-02	0.00E+00	4.60E-20	-6.50E-09	-3.88E-07	-1.78E-03	-3.54E+00	0.00E+00	0.00E+00	-5.42E+00	1.53E-19	-7.42E-01	0.00E+00	2.55E-09	-8.79E-08	-7.00E-03	0.00E+00	-7.74E-01	0.00E+00	-7.42E-01	-1.17E-04	-7.42E-01	-1.80E+00	-7.74E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+02
MC450A	-6.10E-02	-3.94E-01	-1.02E-02	-3.47E-01	0.00E+00	0.00E+00	-9.53E+00	-6.03E-03	-2.76E-03	-3.44E-02	0.00E+00	4.60E-20	-8.60E-09	-6.73E-07	-5.78E-03	-6.81E+00	0.00E+00	0.00E+00	-8.53E+00	1.53E-19	-3.60E+00	0.00E+00	-1.03E-08	-1.18E-07	-1.01E-02	0.00E+00	-1.06E+00	0.00E+00	-3.60E+00	-1.69E-04	-3.60E+00	-4.71E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-3.68E+02
MC463A	-6.10E-02	-3.64E-01	-1.01E-02	-2.91E-01	0.00E+00	0.00E+00	-8.48E+00	-6.00E-03	-2.68E-03	-3.35E-02	0.00E+00	4.60E-20	-8.59E-09	-6.74E-07	-1.62E-03	-6.45E+00	0.00E+00	0.00E+00	-7.85E+00	1.53E-19	-3.37E+00	0.00E+00	-7.18E-09	-1.14E-07	-9.75E-03	0.00E+00	-9.05E-01	0.00E+00	-3.37E+00	-1.69E-04	-3.37E+00	-4.37E+00	-9.05E-01	0.00E+00	0.00E+00	0.00E+00	-3.45E+02
MC506A	-4.45E-03	5.44E-02	2.92E-03	3.64E-02	0.00E+00	0.00E+00	-1.13E-01	-3.41E-04	1.32E-04	-1.71E-03	0.00E+00	4.60E-20	-8.77E-10	-3.16E-08	-5.11E-03	-9.94E-01	0.00E+00	0.00E+00	-7.81E-01	1.53E-19	-7.09E-02	0.00E+00	4.26E-09	-7.63E-09	-5.70E-04	0.00E+00	-1.80E-01	0.00E+00	-7.09E-02	-8.98E-06	-7.09E-02	-1.40E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-3.75E+01
MC510A	-4.89E-03	4.93E-02	3.46E-03	5.30E-02	0.00E+00	0.00E+00	-2.01E-01	-3.57E-04	2.01E-04	-1.51E-03	0.00E+00	4.60E-20	-1.06E-09	-3.01E-08	-3.14E-03	-9.35E-01	0.00E+00	0.00E+00	-8.73E-01	1.53E-19	-1.66E-01	0.00E+00	5.42E-09	-1.04E-08	-5.88E-04	0.00E+00	-1.85E-01	0.00E+00	-1.66E-01	-9.52E-06	-1.66E-01	-1.89E-01	-1.85E-01	0.00E+00	0.00E+00	0.00E+00	-4.17E+01
MC513A	-4.71E-03	1.75E-02	3.40E-03	5.96E-03	0.00E+00	0.00E+00	-2.96E-01	-5.51E-04	1.57E-04	-2.05E-03	0.00E+00	4.60E-20	-1.13E-09	-5.00E-08	-8.36E-04	-1.00E+00	0.00E+00	0.00E+00	-9.33E-01	1.53E-19	-1.57E-01	0.00E+00	5.89E-09	-1.12E-08	-8.01E-04	0.00E+00	-1.72E-01	0.00E+00	-1.57E-01	-1.81E-05	-1.57E-01	-1.05E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-4.52E+01
MC516A	-4.62E-03	1.33E-03	3.12E-03	-6.35E-03	0.00E+00	0.00E+00	-4.90E-01	-5.23E-04	1.38E-04	-2.03E-03	0.00E+00	4.60E-20	-1.23E-09	-5.15E-08	-2.23E-03	-1.03E+00	0.00E+00	0.00E+00	-1.14E+00	1.53E-19	-3.26E-01	0.00E+00	5.49E-09	-9.93E-09	-7.28E-04	0.00E+00	-2.04E-01	0.00E+00	-3.26E-01	-1.77E-05	-3.26E-01	-4.05E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-5.32E+01
MC520A	-3.07E-03	1.15E-02	2.76E-03	-2.71E-02	0.00E+00	0.00E+00	-3.63E-01	-5.17E-04	1.61E-04	-2.28E-03	0.00E+00	4.60E-20	-9.95E-10	-5.24E-08	2.22E-05	-9.61E-01	0.00E+00	0.00E+00	-1.00E+00	1.53E-19	-1.88E-01	0.00E+00	6.88E-09	-9.04E-09	-8.40E-04	0.00E+00	-1.95E-01	0.00E+00	-1.88E-01	-2.03E-05	-1.88E-01	-2.08E-01	-1.95E-01	0.00E+00	0.00E+00	0.00E+00	-4.81E+01
MC525A	-3.29E-03	7.85E-02	2.41E-03	-4.98E-02	0.00E+00	0.00E+00	-1.14E+00	-6.04E-04	7.69E-05	-3.30E-03	0.00E+00	4.60E-20	-8.26E-10	-5.89E-08	-1.75E-04	-1.32E+00	0.00E+00	0.00E+00	-1.37E+00	1.53E-19	-2.59E-01	0.00E+00	6.44E-09	-7.50E-09	-1.32E-03	0.00E+00	-1.76E-01	0.00E+00	-2.59E-01	-2.23E-05	-2.59E-01	-3.88E-01	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-6.37E+01
MC532A	-4.70E-03	9.20E-03	1.68E-03	-8.18E-04	0.00E+00	0.00E+00	-1.88E+00	-1.10E-03	4.48E-04	-3.39E-03	0.00E+00	4.60E-20	-2.06E-09	-7.70E-08	-2.17E-03	-1.34E+00	0.00E+00	0.00E+00	-2.07E+00	1.53E-19	-1.80E-01	0.00E+00	4.98E-09	-1.80E-08	-9.92E-04	0.00E+00	-3.15E-01	0.00E+00	-1.80E-01	-1.81E-05	-1.80E-01	-3.76E-01	-3.15E-01	0.00E+00	0.00E+00	0.00E+00	-9.25E+01
MC540A	-1.26E-02	5.22E-02	2.43E-03	6.61E-02	0.00E+00	0.00E+00	-1.66E+00	-1.48E-03	1.05E-04	-6.53E-03	0.00E+00	4.60E-20	-2.23E-09	-7.46E-08	-2.37E-03	-1.43E+00	0.00E+00	0.00E+00	-1.92E+00	1.53E-19	1.70E-01	0.00E+00	5.37E-09	-2.83E-08	-1.50E-03	0.00E+00	-2.91E-01	0.00E+00	1.70E-01	-2.58E-05	1.70E-01	-7.87E-02	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	-9.19E+01
MC563A	-8.60E-03	-1.95E-01	-3.94E-03	-3.39E-02	0.00E+00	0.00E+00	-1.38E+00	-1.21E-03	6.08E-04	-3.55E-03	0.00E+00	4.60E-20	-1.66E-09	-1.44E-07	-4.99E-03	-1.74E+00	0.00E+00	0.00E+00	-1.51E+00	1.53E-19	-2.03E+00	0.00E+00	-3.06E-09	-4.17E-08	-1.55E-03	0.00E+00	-4.68E-01	0.00E+00	-2.03E+00	-3.44E-05	-2.03E+00	-2.87E+00	-4.68E-01	0.00E+00	0.00E+00	0.00E+00	-8.08E+01
MCA103	-1.00E-03	1.74E-02	2.05E-03	2.93E-02	0.00E+00	0.00E+00	2.58E-01	-1.46E-04	4.26E-04	-1.90E-04	0.00E+00	4.60E-20	-4.19E-10	-6.60E-09	9.03E-05	-4.49E-01	0.00E+00	0.00E+00	-4.52E-02	1.53E-19	1.35E-01	0.00E+00	4.56E-09	-4.22E-09	-1.40E-04	0.00E+00	-2.83E-02	0.00E+00	1.35E-01	-4.31E-06	1.35E-01	1.72E-01	-2.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.36E+00
MCA104	-7.00E-04	1.78E-02	2.08E-03	2.79E-02	0.00E+00	0.00E+00	2.68E-01	-1.39E-04	4.26E-04	-1.50E-04	0.00E+00	4.60E-20	-4.22E-10	-1.00E-09	1.08E-04	-4.23E-01	0.00E+00	0.00E+00	-2.84E-02	1.53E-19	1.33E-01	0.00E+00	4.63E-09	-3.01E-09	-1.29E-04	0.00E+00	-2.86E-02	0.00E+00	1.33E-01	-3.34E-06	1.33E-01	1.73E-01	-2.86E-02	0.00E+00	0.00E+00	0.00E+00	-9.79E-01
MCA140	-8.71E-04	1.91E-02	2.22E-03	2.88E-02	0.00E+00	0.00E+00	2.60E-01	-1.68E-04	4.58E-04	-1.70E-04	0.00E+00	4.60E-20	-4.23E-10	-1.28E-09	6.14E-05	-3.95E-01	0.00E+00	0.00E+00	-1.40E-02	1.53E-19	1.45E-01	0.00E+00	4.92E-09	-3.36E-09	-1.09E-04	0.00E+00	-2.47E-02	0.00E+00	1.45E-01	-3.41E-06	1.45E-01	1.83E-01	-2.47E-02	0.00E+00	0.00E+00	0.00E+00	-5.49E-01
MCA150	-3.01E-03	5.35E-02	2.34E-03	3.39E-02	0.00E+00	0.00E+00	-2.59E-02	-2.91E-04	2.52E-04	-8.53E-04	0.00E+00	4.60E-20	-4.79E-10	-3.29E-08	1.14E-04	-4.65E-01	0.00E+00	0.00E+00	-1.83E-01	1.53E-19	3.22E-01	0.00E+00	4.77E-09	-7.38E-09	-3.95E-04	0.00E+00	-3.05E-02	0.00E+00	3.22E-01	-8.14E-06	3.22E-01	2.73E-01	-3.05E-02	0.00E+00	0.00E+00	0.00E+00	-1.19E+01
MCA163	-1.19E-03	1.30E-02	2.36E-03	2.70E-02	0.00E+00	0.00E+00	2.63E-01	-2.42E-04	5.01E-04	-4.13E-04	0.00E+00	4.60E-20	-4.15E-10	-9.50E-09	-3.47E-04	-3.33E-01	0.00E+00	0.00E+00	1.93E-02	1.53E-19	1.24E-01	0.00E+00	4.14E-09	-3.21E-09	-7.75E-05	0.00E+00	-2.06E-02	0.00E+00	1.24E-01	-5.36E-06	1.24E-01	1.58E-01	-2.06E-02	0.00E+00	0.00E+00	0.00E+00	-2.02E-01
MCA202	-6.34E-03	2.55E-02	3.53E-03	2.53E-02	0.00E+00	0.00E+00	2.12E-01	-2.38E-04	4.62E-04	-1.58E-03	0.00E+00	4.60E-20	-1.18E-09	-3.55E-08	-2.06E-04	-1.32E+00	0.00E+00	0.00E+00	-4.84E-01	1.53E-19	1.56E-01	0.00E+00	3.28E-09	-9.73E-09	-6.89E-04	0.00E+00	-1.81E-01	0.00E+00	1.56E-01	-1.04E-05	1.56E-01	1.85E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.76E+01
MCA204	-6.99E-03	1.87E-01	3.60E-03	1.83E-01	0.00E+00	0.00E+00	-3.67E-01	-7.56E-04	-1.36E-04	-2.12E-03	0.00E+00	8.48E-20	-9.45E-10	-8.56E-08	-1.28E-02	-1.59E+00	0.00E+00	0.00E+00	-1.12E+00	3.00E-19	1.02E+00	0.00E+00	1.32E-08	-9.67E-09	-7.06E-04	0.00E+00	-3.07E-01	0.00E+00	1.02E+00	-2.19E-05	1.02E+00	7.15E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-5.37E+01
MCA206	-6.58E-04	-1.81E-01	-1.02E-04	-1.81E-01	0.00E+00	0.00E+00	-1.21E-01	-7.44E-05	2.19E-04	-1.80E-03	0.00E+00	1.79E-20	-1.49E-09	-3.37E-09	-2.10E-02	-1.17E+00	0.00E+00	0.00E+00	-1.06E+00	5.92E-20	-1.56E+00	0.00E+00	-4.17E-09	-1.46E-08	-8.23E-04	0.00E+00	-3.36E-01	0.00E+00	-1.56E+00	-3.60E-06	-1.56E+00	-1.90E+00	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-4.37E+01
MCA210	8.12E-04	2.07E-01	5.69E-03	2.01E-01	0.00E+00	0.00E+00	1.37E+00	-2.81E-05	6.03E-04	1.67E-03	0.00E+00	7.84E-20	-1.87E-10	4.11E-09	-1.19E-02	-2.39E-01	0.00E+00	0.00E+00	3.39E-01	2.80E-19	1.33E+00	0.00E+00	1.50E-08	2.57E-09	3.49E-04	0.00E+00	-5.31E-02	0.00E+00	1.33E+00	-1.16E-06	1.33E+00	1.28E+00	-5.31E-02	0.00E+00	0.00E+00	0.00E+00	8.98E+00
MCA216	5.22E-05	1.06E-02	1.47E-03	9.15E-03	0.00E+00	0.00E+00	2.54E-02	-7.47E-05	5.50E-04	-2.85E-04	0.00E+00	4.62E-20	-1.59E-09	-9.01E-10	2.55E-03	-7.15E-01	0.00E+00	0.00E+00	-7.80E-01	1.62E-19	-7.88E-01	0.00E+00	1.20E-09	-1.05E-08	-4.59E-04	0.00E+00	-1.39E-01	0.00E+00	-7.88E-01	-3.83E-06	-7.88E-01	-9.27E-01	-1.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.60E+01
MCA220	7.11E-04	-1.14E-01	2.20E-03	-1.16E-01	0.00E+00	0.00E+00	2.90E-01	-5.10E-05	9.63E-04	-1.10E-03	0.00E+00	3.05E-20	-1.47E-09	6.84E-09	2.37E-03	-4.63E-01	0.00E+00	0.00E+00	-5.25E-01	1.02E-19	-7.45E-01	0.00E+00	6.12E-11	-9.76E-09	-5.64E-04	0.00E+00	-8.34E-02	0.00E+00	-7.45E-01	-2.98E-06	-7.45E-01	-8.29E-01	-8.34E-02	0.00E+00	0.00E+00	0.00E+00	-2.54E+01
MCA225	1.57E-03	1.14E-01	7.45E-03	1.06E-01	0.00E+00	0.00E+00	1.86E+00	-1.65E-05	1.14E-03	1.10E-03	0.00E+00	6.93E-20	1.36E-10	1.17E-08	-1.09E-02	-1.41E-01	0.00E+00	0.00E+00	8.49E-01	2.42E-19	1.78E+00	0.00E+00	1.62E-08	5.50E-09	3.63E-04	0.00E+00	7.96E-03	0.00E+00	1.78E+00	-6.00E-07	1.78E+00	1.79E+00	7.96E-03	0.00E+00	0.00E+00	0.00E+00	2.94E+01
MCA232	-2.16E-02	-7.30E-02	6.92E-05	-7.31E-02	0.00E+00	0.00E+00	-4.06E+00	-2.20E-03	-8.73E-04	-1.15E-02	0.00E+00	6.37E-20	-2.47E-09	-2.54E-07	3.39E-03	-2.47E+00	0.00E+00	0.00E+00	-3.23E+00	2.03E-19	-2.27E-01	0.00E+00	1.96E-09	-3.61E-08	-3.26E-03	0.00E+00	-3.92E-01	0.00E+00	-2.27E-01	-6.30E-05	-2.27E-01	-6.18E-01	-3.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
MCA240	-3.09E-02	-4.26E-01	-8.64E-03	-4.18E-01	0.00E+00	0.00E+00	-7.82E+00	-3.03E-03	-1.47E-03	-1.88E-02	0.00E+00	1.61E-21	-5.27E-09	-3.53E-07	-2.94E-02	-3.77E+00	0.00E+00	0.00E+00	-7.29E+00	6.18E-21	-4.41E+00	0.00E+00	-2.03E-08	-7.14E-08	-5.65E-03	0.00E+00	-9.88E-01	0.00E+00	-4.41E+00	-8.89E-05	-4.41E+00	-5.39E+00	-9.88E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+02
MCA250	-3.23E-02	-4.08E-01	-8.17E-03	-4.00E-01	0.00E+00	0.00E+00	-8.12E+00	-3.18E-03	-1.53E-03	-1.94E-02	0.00E+00	9.96E-21	-5.24E-09	-3.71E-07	-2.92E-02	-4.13E+00	0.00E+00	0.00E+00	-7.23E+00	2.98E-20	-4.34E+00	0.00E+00	-1.98E-08	-7.31E-08	-5.82E-03	0.00E+00	-1.02E+00	0.00E+00	-4.34E+00	-9.31E-05	-4.34E+00	-5.35E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-3.06E+02
MCA263	3.57E-03	3.49E-01	1.19E-02	3.37E-01	0.00E+00	0.00E+00	2.40E+00	4.36E-06	2.27E-03	3.19E-03	0.00E+00	1.05E-19	4.72E-10	2.49E-08	-7.19E-03	1.07E-01	0.00E+00	0.00E+00	1.72E+00	3.72E-19	2.78E+00	0.00E+00	2.48E-08	1.18E-08	9.33E-04	0.00E+00	1.32E-01	0.00E+00	2.78E+00	4.76E-07	2.78E+00	2.91E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	6.38E+01
MCA310	-9.86E-03	-4.19E-02	2.06E-03	-5.81E-02	0.00E+00	0.00E+00	-1.40E+00	-4.53E-04	3.23E-04	-6.34E-03	0.00E+00	4.60E-20	-2.35E-09	-1.15E-07	-2.00E-03	-1.86E+00	0.00E+00	0.00E+00	-2.51E+00	1.53E-19	-3.26E-01	0.00E+00	2.31E-09	-2.71E-08	-1.56E-03	0.00E+00	-4.64E-01	0.00E+00	-3.26E-01	-2.76E-05	-3.26E-01	-6.55E-01	-4.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MCA316	-1.02E-02	-6.02E-02	1.32E-03	-7.32E-02	0.00E+00	0.00E+00	-1.64E+00	-6.06E-04	2.83E-04	-7.41E-03	0.00E+00	4.60E-20	-2.65E-09	-1.31E-07	-2.14E-03	-1.95E+00	0.00E+00	0.00E+00	-2.74E+00	1.53E-19	-3.55E-01	0.00E+00	2.67E-09	-2.88E-08	-1.98E-03	0.00E+00	-4.88E-01	0.00E+00	-3.55E-01	-3.30E-05	-3.55E-01	-7.03E-01	-4.88E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
MCA320	-1.10E-02	-7.79E-02	1.28E-03	-7.62E-02	0.00E+00	0.00E+00	-1.71E+00	-5.68E-04	2.54E-04	-6.99E-03	0.00E+00	4.60E-20	-3.25E-09	-1.26E-07	-3.36E-03	-2.05E+00	0.00E+00	0.00E+00	-2.94E+00	1.53E-19	-3.92E-01	0.00E+00	2.37E-09	-3.23E-08	-1.66E-03	0.00E+00	-5.18E-01	0.00E+00	-3.92E-01	-3.26E-05	-3.92E-01	-8.20E-01	-5.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.32E+02
MCA325	-1.15E-02	1.90E-03	1.50E-03	-5.14E-02	0.00E+00	0.00E+00	-1.15E+00	-1.51E-03	-1.22E-04	-7.09E-03	0.00E+00	4.60E-20	-3.17E-09	-1.65E-07	-6.96E-03	-1.56E+00	0.00E+00	0.00E+00	-2.64E+00	1.53E-19	2.82E-01	0.00E+00	7.16E-09	-3.33E-08	-1.50E-03	0.00E+00	-4.01E-01	0.00E+00	2.82E-01	-4.03E-05	2.82E-01	-1.07E-01	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02

MCA332	-8.40E-03	-6.66E-02	1.19E-03	-9.96E-02	0.00E+00	0.00E+00	-1.25E+00	-1.47E-03	4.68E-04	-5.00E-03	0.00E+00	4.60E-20	-2.89E-09	-1.31E-07	-3.27E-03	-2.58E+00	0.00E+00	0.00E+00	-2.59E+00	1.53E-19	-4.24E-01	0.00E+00	5.51E-09	-3.26E-08	-1.58E-03	0.00E+00	-5.18E-01	0.00E+00	-4.24E-01	-3.44E-05	-4.24E-01	-9.01E-01	-5.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
MCA340	-1.47E-02	-1.35E-04	9.72E-05	-4.25E-02	0.00E+00	0.00E+00	-1.94E+00	-1.88E-03	-5.97E-04	-7.71E-03	0.00E+00	4.60E-20	-3.32E-09	-2.21E-07	-6.95E-03	-2.30E+00	0.00E+00	0.00E+00	-3.11E+00	1.53E-19	-6.32E-02	0.00E+00	5.94E-09	-4.24E-08	-2.46E-03	0.00E+00	-4.87E-01	0.00E+00	-6.32E-02	-5.62E-05	-6.32E-02	-8.99E-01	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
MCA350	-7.97E-03	-4.94E-02	2.83E-03	-3.04E-02	0.00E+00	0.00E+00	-1.31E+00	-1.93E-03	5.51E-04	-5.01E-03	0.00E+00	4.60E-20	-2.50E-09	-1.51E-07	-1.60E-03	-2.16E+00	0.00E+00	0.00E+00	-2.41E+00	1.53E-19	-4.46E-01	0.00E+00	6.56E-09	-2.92E-08	-1.24E-03	0.00E+00	-4.37E-01	0.00E+00	-4.46E-01	-4.35E-05	-4.46E-01	-7.84E-01	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
MCA410	1.81E-03	4.49E-01	1.27E-02	4.36E-01	0.00E+00	0.00E+00	2.90E+00	-5.53E-05	1.23E-03	3.66E-03	0.00E+00	1.68E-19	-2.87E-11	8.92E-09	-2.25E-02	-3.03E-01	0.00E+00	0.00E+00	1.30E+00	5.88E-19	3.01E+00	0.00E+00	3.17E-08	7.33E-09	7.98E-04	0.00E+00	-2.08E-02	0.00E+00	3.01E+00	-1.71E-06	3.01E+00	2.99E+00	-2.08E-02	0.00E+00	0.00E+00	0.00E+00	4.41E+01
MCA416	-4.70E-03	-9.27E-02	-2.30E-04	-1.50E-01	0.00E+00	0.00E+00	-1.50E+00	-4.48E-04	5.05E-04	-5.32E-03	0.00E+00	4.60E-20	-3.45E-09	-6.43E-08	-2.33E-03	-2.51E+00	0.00E+00	0.00E+00	-2.92E+00	1.53E-19	-1.65E+00	0.00E+00	-2.48E-09	-2.31E-08	-2.20E-03	0.00E+00	-5.61E-01	0.00E+00	-1.65E+00	-2.18E-05	-1.65E+00	-2.25E+00	-5.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
MCA420	3.07E-03	1.64E-01	1.43E-02	1.50E-01	0.00E+00	0.00E+00	3.22E+00	-5.44E-05	2.23E-03	1.61E-03	0.00E+00	1.38E-19	4.18E-11	2.14E-08	1.83E-02	-7.73E-01	0.00E+00	0.00E+00	2.34E+00	4.52E-19	3.25E+00	0.00E+00	2.65E-08	8.76E-09	4.59E-04	0.00E+00	1.91E-01	0.00E+00	3.25E+00	-1.83E-06	3.25E+00	3.44E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	8.36E+01
MCA425	-3.21E-02	1.90E-01	2.91E-03	1.87E-01	0.00E+00	0.00E+00	-5.76E+00	-3.33E-03	-1.15E-03	-1.51E-02	0.00E+00	1.63E-19	-4.16E-09	-3.84E-07	1.04E-02	-3.10E+00	0.00E+00	0.00E+00	-4.80E+00	5.46E-19	3.54E-01	0.00E+00	1.28E-08	-5.35E-08	-4.57E-03	0.00E+00	-4.65E-01	0.00E+00	3.54E-01	-9.63E-05	3.54E-01	-1.11E-01	-4.65E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+02
MCA432	-4.56E-02	-2.53E-01	-1.07E-02	-2.42E-01	0.00E+00	0.00E+00	-1.18E+01	-4.56E-03	-1.98E-03	-2.53E-02	0.00E+00	8.35E-20	-8.94E-09	-5.30E-07	-7.55E-03	-4.59E+00	0.00E+00	0.00E+00	-1.09E+01	2.98E-19	-5.96E+00	0.00E+00	-2.11E-08	-1.07E-07	-8.11E-03	0.00E+00	-1.15E+00	0.00E+00	-5.96E+00	-1.35E-04	-5.96E+00	-7.11E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	-4.69E+02
MCA440	-2.14E-02	1.35E-01	3.78E-03	3.96E-02	0.00E+00	0.00E+00	-3.41E+00	-3.99E-03	7.07E-04	-9.61E-03	0.00E+00	4.60E-20	-3.78E-09	-2.96E-07	-3.64E-03	-2.57E+00	0.00E+00	0.00E+00	-3.76E+00	1.53E-19	-8.18E-01	0.00E+00	1.16E-08	-3.23E-08	-3.99E-03	0.00E+00	-5.39E-01	0.00E+00	-8.18E-01	-7.37E-05	-8.18E-01	-1.74E+00	-5.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
MCA450	5.28E-03	3.17E-01	1.39E-02	3.03E-01	0.00E+00	0.00E+00	2.03E+00	-7.68E-05	4.19E-03	2.52E-03	0.00E+00	1.35E-19	-2.02E-09	3.73E-08	1.45E-02	-9.74E-02	0.00E+00	0.00E+00	5.83E-01	4.87E-19	1.35E+00	0.00E+00	2.25E-08	-2.29E-09	2.89E-04	0.00E+00	1.28E-01	0.00E+00	1.35E+00	-4.55E-06	1.35E+00	1.48E+00	1.28E-01	0.00E+00	0.00E+00	0.00E+00	1.11E+01
MCA463	-6.43E-02	-7.71E-01	-1.58E-02	-7.55E-01	0.00E+00	0.00E+00	-1.57E+01	-6.34E-03	-2.99E-03	-3.82E-02	0.00E+00	2.28E-20	-1.04E-08	-7.38E-07	-5.56E-02	-7.28E+00	0.00E+00	0.00E+00	-1.46E+01	7.93E-20	-7.87E+00	0.00E+00	-3.48E-08	-1.41E-07	-1.14E-02	0.00E+00	-1.90E+00	0.00E+00	-7.87E+00	-1.85E-04	-7.87E+00	-9.77E+00	-1.90E+00	0.00E+00	0.00E+00	0.00E+00	-6.20E+02
MCA506	1.27E-03	3.02E-01	6.78E-03	2.95E-01	0.00E+00	0.00E+00	1.50E+00	-7.79E-06	6.02E-04	2.53E-03	0.00E+00	9.62E-20	1.21E-11	6.33E-09	1.08E-02	3.99E-01	0.00E+00	0.00E+00	1.03E+00	3.31E-19	2.02E+00	0.00E+00	1.79E-08	6.73E-09	5.77E-04	0.00E+00	2.00E-01	0.00E+00	2.02E+00	-9.18E-08	2.02E+00	2.22E+00	2.00E-01	0.00E+00	0.00E+00	0.00E+00	3.54E+01
MCA510	-2.54E-03	5.29E-02	2.73E-03	1.03E-02	0.00E+00	0.00E+00	-2.01E-02	-3.07E-04	2.30E-04	-1.21E-03	0.00E+00	4.60E-20	-1.02E-09	-2.80E-08	-3.89E-03	-1.08E+00	0.00E+00	0.00E+00	-4.92E-01	1.53E-19	1.94E-01	0.00E+00	4.36E-09	-6.41E-09	-5.96E-04	0.00E+00	-2.30E-01	0.00E+00	1.94E-01	-1.26E-05	1.94E-01	-2.24E-02	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+01
MCA516	-2.21E-03	6.41E-02	2.70E-03	-9.04E-03	0.00E+00	0.00E+00	-2.53E-02	-3.22E-04	2.57E-04	-1.41E-03	0.00E+00	4.60E-20	-1.09E-09	-3.23E-08	-3.70E-03	-9.88E-01	0.00E+00	0.00E+00	-7.44E-01	1.53E-19	2.02E-01	0.00E+00	5.45E-09	-8.94E-09	-5.93E-04	0.00E+00	-2.27E-01	0.00E+00	2.02E-01	-1.36E-05	2.02E-01	3.54E-02	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-3.89E+01
MCA520	-2.59E-03	3.13E-02	3.64E-03	2.11E-02	0.00E+00	0.00E+00	2.42E-01	-1.70E-04	4.76E-04	-4.63E-04	0.00E+00	4.60E-20	-1.11E-09	-2.17E-08	9.37E-04	-1.15E+00	0.00E+00	0.00E+00	-3.50E-01	1.53E-19	2.57E-01	0.00E+00	3.12E-09	-4.73E-09	-4.13E-04	0.00E+00	-1.73E-01	0.00E+00	2.57E-01	-6.23E-06	2.57E-01	2.83E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.16E+01
MCA525	-4.93E-03	5.51E-02	3.14E-03	1.34E-02	0.00E+00	0.00E+00	-2.69E-02	-6.42E-04	1.85E-04	-1.07E-03	0.00E+00	4.60E-20	-1.51E-09	-5.82E-08	-3.08E-03	-7.90E-01	0.00E+00	0.00E+00	-7.62E-01	1.53E-19	3.11E-01	0.00E+00	5.74E-09	-1.21E-08	-1.00E-03	0.00E+00	-1.90E-01	0.00E+00	3.11E-01	-1.77E-05	3.11E-01	2.80E-01	-1.90E-01	0.00E+00	0.00E+00	0.00E+00	-3.74E+01
MCA532	1.58E-03	1.03E-01	4.54E-03	9.86E-02	0.00E+00	0.00E+00	4.06E-01	-5.68E-05	1.46E-03	6.09E-04	0.00E+00	6.24E-20	-1.39E-09	1.04E-08	4.66E-03	-1.45E-01	0.00E+00	0.00E+00	-1.49E-01	2.20E-19	-2.16E-01	0.00E+00	6.02E-09	-6.79E-09	-1.88E-04	0.00E+00	5.82E-03	0.00E+00	-2.16E-01	-2.96E-06	-2.16E-01	-2.11E-01	5.82E-03	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
MCA540	-9.23E-03	4.73E-02	2.40E-03	-2.14E-02	0.00E+00	0.00E+00	-5.16E-01	-7.26E-04	1.45E-04	-2.49E-03	0.00E+00	4.60E-20	-1.85E-09	-9.17E-08	-3.06E-03	-1.41E+00	0.00E+00	0.00E+00	-1.36E+00	1.53E-19	3.25E-01	0.00E+00	5.10E-09	-2.23E-08	-1.86E-03	0.00E+00	-3.14E-01	0.00E+00	3.25E-01	-2.55E-05	3.25E-01	6.78E-02	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-6.91E+01
MCN001	-5.43E-03	-8.99E-02	7.21E-04	-5.48E-02	0.00E+00	0.00E+00	-5.67E-01	-5.09E-04	1.19E-04	-2.60E-03	0.00E+00	4.60E-20	-1.02E-09	-6.07E-08	-3.04E-03	-1.04E+00	0.00E+00	0.00E+00	-6.89E-01	1.53E-19	-2.73E-01	0.00E+00	-5.50E-10	-1.33E-08	-9.24E-04	0.00E+00	-1.32E-01	0.00E+00	-2.73E-01	-1.58E-05	-2.73E-01	-4.34E-01	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-3.38E+01
MCN002	8.07E-04	1.49E-01	3.77E-03	1.45E-01	0.00E+00	0.00E+00	8.11E-01	-5.16E-06	4.59E-04	1.25E-03	0.00E+00	4.73E-20	-5.27E-12	4.71E-09	-1.30E-05	1.94E-01	0.00E+00	0.00E+00	5.02E-01	1.65E-19	9.54E-01	0.00E+00	9.23E-09	3.04E-09	2.84E-04	0.00E+00	7.56E-02	0.00E+00	9.54E-01	-1.11E-07	9.54E-01	1.03E+00	7.56E-02	0.00E+00	0.00E+00	0.00E+00	1.76E+01
MCN003	-3.07E-03	1.88E-02	6.81E-04	2.05E-02	0.00E+00	0.00E+00	-3.32E-01	-3.80E-04	1.43E-04	-1.51E-03	0.00E+00	4.60E-20	-6.29E-10	-4.75E-08	-1.77E-03	-5.94E-01	0.00E+00	0.00E+00	-4.35E-01	1.53E-19	-1.12E-01	0.00E+00	8.07E-10	-7.62E-09	-3.71E-04	0.00E+00	-8.99E-02	0.00E+00	-1.12E-01	-1.28E-05	-1.12E-01	-2.26E-01	-8.99E-02	0.00E+00	0.00E+00	0.00E+00	-2.27E+01
MCN004	-5.17E-03	-1.14E-01	-1.24E-03	-1.13E-01	0.00E+00	0.00E+00	-1.25E+00	-5.04E-04	-2.73E-04	-3.44E-03	0.00E+00	1.18E-20	-1.28E-09	-5.80E-08	-1.09E-03	-1.17E+00	0.00E+00	0.00E+00	-1.26E+00	3.39E-20	-1.02E+00	0.00E+00	-4.32E-09	-1.52E-08	-1.14E-03	0.00E+00	-2.23E-01	0.00E+00	-1.02E+00	-1.51E-05	-1.02E+00	-1.24E+00	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-5.39E+01
MCN006	-1.34E-04	-6.96E-03	5.97E-05	-7.02E-03	0.00E+00	0.00E+00	-1.51E-01	-3.16E-05	1.45E-04	-2.59E-04	0.00E+00	1.65E-20	-8.44E-10	-1.15E-09	-5.11E-03	-1.43E-01	0.00E+00	0.00E+00	-5.46E-01	6.13E-20	-7.02E-01	0.00E+00	-8.78E-10	-6.67E-09	-2.97E-04	0.00E+00	-7.98E-02	0.00E+00	-7.02E-01	-1.66E-06	-7.02E-01	-7.82E-01	-7.98E-02	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
MCN008	-3.25E-03	-1.33E-01	-1.86E-03	-1.31E-01	0.00E+00	0.00E+00	-9.69E-01	-2.98E-04	-2.11E-04	-2.61E-03	0.00E+00	1.17E-21	-1.27E-09	-3.44E-08	-7.19E-03	-8.20E-01	0.00E+00	0.00E+00	-1.31E+00	4.48E-21	-1.30E+00	0.00E+00	-5.46E-09	-1.39E-08	-9.34E-04	0.00E+00	-2.26E-01	0.00E+00	-1.30E+00	-9.50E-06	-1.30E+00	-1.53E+00	-2.26E-01	0.00E+00	0.00E+00	0.00E+00	-5.47E+01
MCN010	-2.43E-03	2.79E-02	1.90E-03	2.60E-02	0.00E+00	0.00E+00	6.11E-02	-2.65E-04	-7.22E-05	-1.00E-03	0.00E+00	3.18E-20	-2.05E-10	-2.96E-08	3.51E-03	-5.16E-01	0.00E+00	0.00E+00	7.78E-03	1.04E-19	6.10E-01	0.00E+00	4.97E-09	-2.38E-09	-2.86E-04	0.00E+00	-2.81E-02	0.00E+00	6.10E-01	-7.47E-06	6.10E-01	5.82E-01	-2.81E-02	0.00E+00	0.00E+00	0.00E+00	-3.19E+00
MCN013	6.65E-04	1.30E-01	3.35E-03	1.27E-01	0.00E+00	0.00E+00	8.32E-01	1.38E-06	3.16E-04	1.17E-03	0.00E+00	4.28E-20	6.18E-11	3.87E-09	5.18E-03	-2.77E-01	0.00E+00	0.00E+00	5.00E-01	1.49E-19	1.06E+00	0.00E+00	8.75E-09	3.73E-09	3.03E-04	0.00E+00	2.87E-02	0.00E+00	1.06E+00	6.69E-08	1.06E+00	1.08E+00	2.87E-02	0.00E+00	0.00E+00	0.00E+00	1.68E+01
MCN016	4.48E-04	3.28E-02	2.70E-03	3.01E-02	0.00E+00	0.00E+00	7.78E-01	1.38E-06	2.52E-04	4.10E-04	0.00E+00	2.88E-20	5.60E-11	3.66E-09	-1.28E-03	-6.17E-01	0.00E+00	0.00E+00	3.71E-01	9.84E-20	7.16E-01	0.00E+00	6.04E-09	1.89E-09	1.26E-04	0.00E+00	-6.06E-02	0.00E+00	7.16E-01	4.78E-08	7.16E-01	6.56E-01	-6.06E-02	0.00E+00	0.00E+00	0.00E+00	1.27E+01
MCN020	-4.38E-03	-9.24E-02	-9.69E-04	-9.15E-02	0.00E+00	0.00E+00	-1.05E+00	-4.29E-04	-2.30E-04	-2.91E-03	0.00E+00	1.21E-20	-1.15E-09	-4.93E-08	-6.00E-04	-6.55E-01	0.00E+00	0.00E+00	-1.08E+00	3.69E-20	-8.28E-01	0.00E+00	-3.10E-09	-1.30E-08	-9.77E-04	0.00E+00	-1.40E-01	0.00E+00	-8.28E-01	-1.29E-05	-8.28E-01	-9.68E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-4.68E+01
MCN025	-5.51E-03	6.04E-03	1.29E-03	4.75E-03	0.00E+00	0.00E+00	-6.89E-01	-5.73E-04	-2.08E-04	-2.74E-03	0.00E+00	3.23E-20	-5.80E-10	-6.56E-08	2.91E-03	-7.28E-01	0.00E+00	0.00E+00	-5.68E-01	1.05E-19	3.76E-01	0.00E+00	3.73E-09	-8.03E-09	-7.79E-04	0.00E+00	-7.94E-02	0.00E+00	3.76E-01	-1.63E-05	3.76E-01	2.97E-01	-7.94E-02	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
MCN032	-1.09E-02	-5.72E-02	-5.07E-04	-5.67E-02	0.00E+00	0.00E+00	-2.17E+00	-1.12E-03	-3.71E-04	-5.99E-03	0.00E+00	2.30E-20	-1.38E-09	-1.28E-07	-4.47E-03	-1.31E+00	0.00E+00	0.00E+00	-1.95E+00	7.90E-20	-3.54E-01	0.00E+00	1.45E-10	-1.95E-08	-1.70E-03	0.00E+00	-2.62E-01	0.00E+00	-3.54E-01	-3.22E-05	-3.54E-01	-6.16E-01	-2.62E-01	0.00E+00	0.00E+00	0.00E+00	-8.58E+01
MCN040	-1.30E-02	-1.56E-01	-3.07E-03	-1.52E-01	0.00E+00	0.00E+00	-3.13E+00	-1.28E-03	-6.06E-04	-7.70E-03	0.00E+00	6.68E-21	-2.13E-09	-1.49E-07	-7.94E-03	-1.62E+00	0.00E+00	0.00E+00	-2.88E+00	2.31E-20	-1.53E+00	0.00E+00	-6.71E-09	-2.85E-08	-2.30E-03	0.00E+00	-3.82E-01	0.00E+00	-1.53E+00	-3.84E-05	-1.53E+00	-1.91E+00	-3.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
MCN099	-3.12E-03	7.23E-03	8.55E-04	1.91E-03	0.00E+00	0.00E+00	-4.44E-01	-3.77E-04	1.42E-04	-1.80E-03	0.00E+00	4.60E-20	-8.91E-10	-5.01E-08	-1.71E-03	-8.15E-01	0.00E+00	0.00E+00	-5.12E-01	1.53E-19	-1.64E-01	0.00E+00	1.01E-09	-9.52E-09	-5.96E-04	0.00E+00	-9.08E-02	0.00E+00	-1.64E-01	-1.40E-05	-1.64E-01	-2.96E-01	-9.08E-02	0.00E+00	0.00E+00	0.00E+00	-2.71E+01
MCN100	-5.59E-03	-1.67E-01	-2.57E-03	-1.64E-01	0.00E+00	0.00E+00	-1.56E+00	-5.27E-04	-3.21E-04	-4.00E-03	0.00E+00	0.00E+00	-1.61E-09	-6.12E-08	-7.99E-03	-1.62E+00	0.00E+00	0.00E+00	-1.84E+00	0.00E+00	-1.60E+00	0.00E+00	-7.20E-09	-1.90E-08	-1.33E-03	0.00E+00	-3.67E-01	0.00E+00	-1.60E+00	-1.62E-05	-1.60E+00	-1.97E+00	-3.67E-01	0.00E+00	0.00E+00	0.00E+00	-7.73E+01
MCN100E	-3.17E-03	9.18E-03	7.67E-04	-2.61E-03	0.00E+00	0.00E+00	-3.84E-01	-4.00E-04	1.37E-04	-1.71E-03	0.00E+00	4.60E-20	-9.42E-10	-4.42E-08	-1.77E-03	-8.13E-01	0.00E+00	0.00E+00	-5.23E-01	1.53E-19	-1.93E-01	0.00E+00	9.40E-10	-8.93E-09	-6.44E-04	0.00E+00	-7.69E-02	0.00E+00	-1.93E-01	-1.42E-05	-1.93E-01	-3.62E-01	-7.69E-02	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
MCN101	-6.22E-03	-1.71E-01	-2.69E-03	-1.68E-01	0.00E+00	0.00E+00	-1.71E+00	-5.89E-04	-3.48E-04	-4.35E-03	0.00E+00	0.00E+00	-1.68E-09	-6.85E-08	-8.12E-03	-1.67E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	-1.65E+00	0.00E+00	-7.46E-09	-2.01E-08	-1.43E-03	0.00E+00	-3.79E-01	0.00E+00	-1.65E+00	-1.80E-05	-1.65E+00	-2.03E+00	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-8.23E+01
MCN101E	-6.22E-03	-1.71E-01	-2.69E-03	-1.68E-01	0.00E+00	0.00E+00	-1.71E+00	-5.89E-04	-3.48E-04	-4.35E-03	0.00E+00	0.00E+00	-1.68E-09	-6.85E-08	-8.12E-03	-1.67E+00	0.00E+00	0.00E+00	-1.96E+00	0.00E+00	-1.65E+00	0.00E+00	-7.46E-09	-2.01E-08	-1.43E-03	0.00E+00	-3.79E-01	0.00E+00	-1.65E+00	-1.80E-05	-1.65E+00	-2.03E+00	-3.79E-01	0.00E+00	0.00E+00	0.00E+00	-8.23E+01
MCN102	-4.91E-03	-7.29E-02	5.64E-04	-2.97E-02	0.00E+00	0.00E+00	-4.37E-01	-4.83E-04	1.20E-04	-2.08E-03	0.00E+00	4.60E-20	-6.99E-10	-5.66E-08	-1.58E-03	-7.58E-01	0.00E+00	0.00E+00	-5.41E-01	1.53E-19	-2.06E-01	0.00E+00	5.21E-10	-9.31E-09	-6.96E-04	0.00E+00	-9.50E-02	0.00E+00	-2.06E-01	-1.46E-05	-2.06E-01	-3.30E-01	-9.50E-02	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
MCN102E	-5.68E-05	-9.64E-02	-2.08E-04	-9.62E-02	0.00E+00	0.00E+00	-1.35E-01	-3.19E-05	2.72E-04	-9.34E-04	0.00E+00	6.71E-21	-9.58E-10	5.70E-10	-4.53E-04	-4.68E-01	0.00E+00	0.00E+00	-6.03E-01	2.30E-20	-8.38E-01	0.00E+00	-2.81E-09	-7.67E-09	-4.40E-04	0.00E+00	-1.10E-01	0.00E+00	-8.38E-01	-1.91E-06	-8.38E-01	-9.48E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
MCN103	-3.22E-03	1.88E-02	6.19E-04	1.54E-02	0.00E+00	0.00E+00	-3.52E-01	-3.95E-04	1.52E-04	-1.60E-03	0.00E+00	4.60E-20	-6.09E-10	-5.19E-08	-1.63E-03	-6.00E-01	0.00E+00	0.00E+00	-4.91E-01	1.53E-19	-1.48E-01	0.00E+00	7.11E-10	-7.32E-09	-4.46E-04	0.00E+00	-8.41E-02	0.00E+00	-1.48E-01	-1.42E-05	-1.48E-01	-2.93E-01	-8.41E-02	0.00E+00	0.00E+00	0.00E+00	-2.44E+01
MCN103E	-2.99E-03	2.01E-02	6.66E-04	1.68E-02	0.00E+00	0.00E+00	-2.40E-01	-3.61E-04	1.55E-04	-1.39E-03	0.00E+00	4.60E-20	-5.90E-10	-4.20E-08	-1.57E-03	-5.22E-01	0.00E+00	0.00E+00	-4.19E-01	1.53E-19	-1.39E-01	0.00E+00	9.32E-10	-6.63E-09	-4.08E-04	0.00E+00	-5.56E-02	0.00E+00	-1.39E-01	-1.31E-05	-1.39E-01	-2.87E-01	-5.56E-02	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
MCN104	-2.48E-03	2.72E-02	8.63E-04	2.06E-02	0.00E+00	0.00E+00	-3.84E-01	-2.46E-04	1.62E-04	-1.20E-03	0.00E+00	4.60E-20	-6.89E-10	-3.12E-08	-2.71E-05	-6.83E-01	0.00E+00	0.00E+00	-5.38E-01	1.53E-19	-2.43E-01	0.00E+00	2.06E-09	-5.60E-09	-5.15E-04	0.00E+00	-9.08E-02	0.00E+00	-2.43E-01	-6.94E-06	-2.43E-01	-3.66E-01	-9.08E-02	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
MCN104E	3.38E-04	7.06E-02	1.64E-03	6.89E-02	0.00E+00	0.00E+00	1.70E-01	-2.50E-05	3.42E-04	4.51E-04	0.00E+00	3.31E-20	-6.14E-10	1.46E-09	2.19E-03	-1.19E-01	0.00E+00	0.00E+00	-9.16E-02	1.15E-19	-5.07E-02	0.00E+00	3.10E-09	-3.05E-09	-6.43E-05	0.00E+00	-5.60E-03	0.00E+00	-5.07E-02	-1.25E-06	-5.07E-02	-5.63E-02	-5.60E-03	0.00E+00	0.00E+00	0.00E+00	-5.84E+00
MCN106	4.38E-04	1.07E-01	2.55E-03	1.04E-01	0.00E+00	0.00E+00	6.03E-01	-5.14E-06	2.43E-04	8.85E-04	0.00E+00	3.55E-20	-8.92E-11	2.41E-09	-1.29E-03	6.92E-02	0.00E+00	0.00E+00	2.33E-01	1.27E-19	6.38E-01	0.00E+00	6.73E-09	1.52E-09	1.80E-04	0.00E+00	2.79E-02	0.00E+00	6.38E-01	-2.20E-07	6.38E-01	6.66E-01	2.79E-02	0.00E+00	0.00E+00	0.00E+00	7.07E+00
MCN106A	-1.07E-03	2.11E-02	1.36E-03	2.66E-02	0.00E+00	0.00E+00	-5.85E-02	-9.29E-05	1.44E-04	-4.71E-04	0.00E+00	4.60E-20	-6.83E-10	-1.34E-08	-1.26E-03	-4.49E-01	0.00E+00	0.00E+00	-2.81E-01	1.53E-19	2.96E-02	0.00E+00	1.73E-09	-4.75E-09	-3.07E-04	0.00E+00	-7.56E-02	0.00E+00	2.96E-02	-2.54E-06	2.96E-02	-3.13E-02	-7.56E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
MCN106E	-2.42E-03	8.43E-02	1.60E-03	8.27E-02	0.00E+00	0.00E+00	-1.15E-01	-2.69E-04	-4.33E-05	-6.39E-04	0.00E+00	3.49E-20	-3.90E-10	-3.01E-08	-2.13E-03	-1.89E-01	0.00E+00	0.00E+00	-2.83E-01	1.23E-19	3.67E-01	0.00E+00	5.03E-09	-3.67E-09	-2.63E-04	0.00E+00	-3.09E-02	0.00E+00	3.67E-01	-7.75E-06	3.67E-01	3.36E-01	-3.09E-02	0.00E+00	0.00E+00	0.00E+00	-1.46E+01
MCN110	-9.25E-04	2.82E-03	5.69E-04	4.33E-03	0.00E+00	0.00E+00	-8.91E-02	-9.78E-05	1.45E-04	-4.26E-04	0.00E+00	4.60E-20	-6.17E-10	-2.41E-08	1.44E-04	-4.13E-01	0.00E+00	0.00E+00	-3.78E-01	1.53E-19	-8.68E-02	0.00E+00	9.91E-10	-4.15E-09	-2.44E-04	0.00E+00	-9.24E-02	0.00E+00	-8.68E-02	-2.71E-06	-8.68E-02	-2.05E-01	-9.24E-02	0.00E+00	0.00E+00	0.00E+00	-1.79E+01
MCN110A	-5.48E-04	1.18E-02	8.31E-04	1.58E-02	0.00E+00	0.00E+00	2.52E-02	-4.96E-05	1.52E-04	-3.30E-04	0.00E+00	4.60E-20	-5.40E-10	-1.21E-09	3.65E-04	-3.46E-01	0.00E+00	0.00E+00	-2.89E-01	1.53E-19	-1.07E-01	0.00E+00	4.59E-10	-4.03E-09	-2.43E-04	0.00E+00	-5.29E-02	0.00E+00	-1.07E-01	-1.34E-06	-1.07E-01	-1.95E-01	-5.29E-02	0.00E+00	0.00E+00	0.00E+00	-1.31E+01
MCN110E	-9.27E-04	1.61E-02	1.15E-03	1.17E-02	0.00E+00	0.00E+00	3.76E-02	-8.29E-05	1.40E-04	-3.11E-04	0.00E+00	4.60E-20	-5.91E-10	-7.03E-09	-1.97E-04	-4.26E-01	0.00E+00	0.00E+00	-1.96E-01	1.53E-19	1.07E-01	0.00E+00	3.58E-09	-3.74E-09	-2.36E-04	0.00E+00	-6.90E-02	0.00E+00	1.07E-01	-2.06E-06	1.07E-01	2.38E-02	-6.90E-02	0.00E+00	0.00E+00	0.00E+00	-8.44E+00
MCN113	-3.17E-03	-1.13E-01	-1.51E-03	-1.11E-01	0.00E+00	0.00E+00	-9.25E-01	-2.97E-04	-1.94E-04	-2.41E-03	0.00E+00	1.61E-23	-1.06E-09	-3.43E-08	-1.84E-03	-1.03E+00	0.00E+00	0.00E+00	-1.04E+00	6.16E-23	-1.07E+00	0.00E+00	-4.95E-09	-1.21E-08	-8.42E-04	0.00E+00	-2.08E-01	0.00E+00	-1.07E+00	-9.24E-06	-1.07E+00	-1.28E+00	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-4.38E+01
MCN113E	-7.19E-04	1.95E-02	1.04E-03	1.29E-02	0.00E+00	0.00E+00	-2.23E-02	-5.44E-05	1.32E-04	-2.28E-04	0.00E+00	4.60E-20	-6.43E-10	-5.00E-09	7.01E-04	-3.91E-01	0.00E+00	0.00E+00	-2.26E-01	1.53E-19	9.30E-02	0.00E+00	4.16E-09	-2.64E-09	-1.55E-04	0.00E+00	-5.18E-02	0.00E+00	9.30E-02	-1.51E-06	9.30E-02	2.00E-02	-5.18E-02	0.00E+00	0.00E+00	0.00E+00	-1.00E+01
MCN116	-1.05E-03	3.29E-03	5.00E-04	6.66E-03	0.00E+00	0.00E+00	-9.76E-02	-1.16E-04	1.51E-04	-4.19E-04	0.00E+00	4.60E-20	-7.53E-10	-2.33E-08	3.37E-04	-5.25E-01	0.00E+00	0.00E+00	-3.97E-01	1.53E-19	-8.44E-02	0.00E+00	6.25E-10	-4.86E-09	-2.18E-04	0.00E+00	-1.09E-01	0.00E+00	-8.44E-02	-2.62E-06	-8.44E-02	-1.95E-01	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.95E+01
MCN116A	-5.20E-04	1.31E-02	8.15E-04	2.10E-02	0.00E+00	0.00E+00	1.88E-02	-3.15E-05	1.55E-04	-3.01E-04	0.00E+00	4.60E-20	-5.41E-10	-1.42E-09	5.55E-04	-3.35E-01	0.00E+00	0.00E+00	-2.95E-01	1.53E-19	-1.11E-01	0.00E+00	6.81E-10	-3.82E-09	-2.16E-04	0.00E+00	-5.59E-02	0.00E+00	-1.11E-01	-1.20E-06	-1.11E-01	-2.03E-01	-5.59E-02	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
MCN116E	-7.08E-04	1.99E-02	7.52E-04	1.63E-02	0.00E+00	0.00E+00	3.40E-02	-3.49E-05	1.36E-04	-2.55E-04	0.00E+00	4.60E-20	-5.67E-10	-5.23E-09	-7.24E-04	-3.78E-01	0.00E+00	0.00E+00	-1.89E-01	1.53E-19	1.03E-01	0.00E+00	4.39E-09	-2.75E-09	-1.44E-04	0.00E+00	-5.54E-02	0.00E+00	1.03E-01	-1.38E-06	1.03E-01	4.09E-02	-5.54E-02	0.00E+00	0.00E+00	0.00E+00	-8.94E+00
MCN120	-2.38E-03	2.43E-02	9.85E-04	-9.92E-04	0.00E+00	0.00E+00	-3.41E-02	-1.28E-04	1.38E-04	-1.40E-03	0.00E+00	4.60E-20	-7.51E-10	-2.70E-08	2.93E-04	-4.43E-01	0.00E+00	0.00E+00	-2.27E-01	1.53E-19	5.96E-02	0.00E+00	3.95E-09	-6.27E-09	-5.06E-04	0.00E+00	-6.05E-02	0.00E+00	5.96E-02	-8.54E-06	5.96E-02	-3.26E-02	-6.05E-02	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
MCN120A	-2.35E-03	2.16E-02	3.56E-04	7.22E-04	0.00E+00	0.00E+00	-9.40E-02	-9.30E-05	8.61E-05	-1.93E-03	0.00E+00	4.60E-20	-7.10E-10	-3.17E-08	-1.43E-03	-4.88E-01	0.00E+00	0.00E+00	-3.70E-01	1.53E-19	4.82E-02	0.00E+00	2.76E-09	-6.68E-09	-6.84E-04	0.00E+00	-8.34E-02	0.00E+00	4.82E-02	-9.83E-06	4.82E-02	-4.84E-04	-8.34E-02	0.00E+00	0.00E+00	0.00E+00	-1.78E+01
MCN120E	5.50E-04	1.02E-01	2.72E-03	9.95E-02	0.00E+00	0.00E+00	6.42E-01	-5.13E-06	3.32E-04	8.68E-04	0.00E+00	3.61E-20	-1.24E-10	3.34E-09	-1.10E-03	-4.70E-03	0.00E+00	0.00E+00	2.16E-01	1.29E-19	6.76E-01	0.00E+00	7.11E-09	1.58E-09	1.83E-04	0.00E+00	1.65E-02	0.00E+00	6.76E-01	-2.88E-07	6.76E-01	6.93E-01	1.65E-02	0.00E+00	0.00E+00	0.00E+00	6.09E+00
MCN125	5.86E-04	2.88E-02	2.61E-03	2.62E-02	0.00E+00	0.00E+00	6.58E-01	-5.03E-06	3.93E-04	3.08E-04	0.00E+00	2.77E-20	-1.27E-10	4.45E-09	3.70E-03	-7.80E-02	0.00E+00	0.00E+00	3.14E-01	9.44E-20	6.15E-01	0.00E+00	5.49E-09	1.22E-09	6.93E-05	0.00E+00	3.70E-02	0.00E+00	6.15E-01	-3.14E-07	6.15E-01	6.52E-01	3.70E-02	0.00E+00	0.00E+00	0.00E+00	9.89E+00
MCN125A	-1.54E-03	1.61E-02	1.58E-03	2.03E-02	0.00E+00	0.00E+00	-7.22E-02	-2.72E-04	1.36E-04	-1.15E-03	0.00E+00	4.60E-20	-4.88E-10	-2.02E-08	-8.62E-04	-2.96E-01	0.00E+00	0.00E+00	-4.18E-01	1.53E-19	8.79E-02	0.00E+00	4.44E-09	-3.42E-09	-7.29E-05	0.00E+00	-3.04E-02	0.00E+00	8.79E-02	-4.59E-06	8.79E-02	9.91E-02	-3.04E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
MCN125E	7.84E-04	1.17E-01	3.47E-03	1.13E-01	0.00E+00	0.00E+00	7.43E-01	-4.80E-06	4.53E-04	1.02E-03	0.00E+00	4.16E-20	-1.06E-11	4.77E-09	4.74E-03	-1.42E-01	0.00E+00	0.00E+00	5.30E-01	1.43E-19	8.87E-01	0.00E+00	7.91E-09	2.75E-09	2.37E-04	0.00E+00	5.08E-02	0.00E+00	8.87E-01	-1.28E-07	8.87E-01	9.38E-01	5.08E-02	0.00E+00	0.00E+00	0.00E+00	1.86E+01
MCN132	-8.66E-03	2.84E-02	9.87E-04	1.32E-02	0.00E+00	0.00E+00	-7.44E-01	-1.07E-03	2.12E-04	-4.61E-03	0.00E+00	4.60E-20	-8.70E-10	-1.16E-07	-1.87E-03	-1.08E+00	0.00E+00	0.00E+00	-8.52E-01	1.53E-19	1.04E-01	0.00E+00	7.95E-10	-1.55E-08	-1.31E-03	0.00E+00	-1.32E-01	0.00E+00	1.04E-01	-3.37E-05	1.04E-01	-4.71E-02	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-3.98E+01
MCN132A	-8.41E-03	2.97E-02	9.49E-04	4.53E-02	0.00E+00	0.00E+00	-1.66E+00	-9.83E-04	6.22E-05	-4.26E-03	0.00E+00	4.60E-20	-1.26E-09	-1.16E-07	-7.73E-04	-9.85E-01	0.00E+00	0.00E+00	-1.60E+00	1.53E-19	-6.20E-02	0.00E+00	2.02E-09	-1.71E-08	-1.30E-03	0.00E+00	-1.60E-01	0.00E+00	-6.20E-02	-3.03E-05	-6.20E-02	-2.15E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-6.87E+01
MCN132E	-1.11E-02	-9.06E-03	-1.21E-03	-7.85E-03	0.00E+00	0.00E+00	-2.61E+00	-1.13E-03	-3.54E-04	-5.77E-03	0.00E+00	2.77E-20	-1.78E-09	-1.30E-07	-5.74E-03	-1.28E+00	0.00E+00	0.00E+00	-2.27E+00	9.86E-20	-9.03E-01	0.00E+00	-1.65E-09	-2.29E-08	-1.79E-03	0.00E+00	-2.88E-01	0.00E+00	-9.03E-01	-3.30E-05	-9.03E-01	-1.19E+00	-2.88E-01	0.00E+00	0.00E+00	0.00E+00	-9.80E+01
MCN140	-4.33E-03	4.62E-02	2.19E-03	5.70E-02	0.00E+00	0.00E+00	-3.64E-01	-4.85E-04	4.42E-04	-2.13E-03	0.00E+00	4.60E-20	-5.29E-10	-5.70E-08	-1.70E-03	-7.25E-01	0.00E+00	0.00E+00	-4.80E-01	1.53E-19	2.48E-01	0.00E+00	4.21E-09	-7.35E-09	-4.62E-04	0.00E+00	-7.52E-02	0.00E+00	2.48E-01	-1.45E-05	2.48E-01	1.73E-01	-7.52E-02	0.00E+00	0.00E+00	0.00E+00	-2.40E+01
MCN140A	-5.48E-03	4.03E-02	1.79E-03	6.97E-02	0.00E+00	0.00E+00	-1.39E+00	-7.34E-04	3.35E-04	-3.09E-03	0.00E+00	4.60E-20	-1.15E-09	-7.39E-08	-1.02E-03	-8.52E-01	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	-1.30E-02	0.00E+00	4.16E-09	-1.25E-08	-8.76E-04	0.00E+00	-1.52E-01	0.00E+00	-1.30E-02	-2.02E-05	-1.30E-02	-1.25E-01	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	-5.98E+01
MCN140E	1.18E-03	1.10E-01	3.51E-03	1.06E-01	0.00E+00	0.00E+00	5.28E-01	-1.58E-05	8.79E-04	8.85E-04	0.00E+00	3.65E-20	-3.27E-10	7.90E-09	-1.50E-03	1.90E-01	0.00E+00	0.00E+00	2.49E-01	1.32E-19	4.74E-01	0.00E+00	6.87E-09	5.00E-10	1.48E-04	0.00E+00	4.81E-02	0.00E+00	4.74E-01	-7.51E-07	4.74E-01	5.22E-01	4.81E-02	0.00E+00	0.00E+00	0.00E+00	7.86E+00
MCN150	-6.63E-03	2.94E-02	3.56E-04	-1.44E-02	0.00E+00	0.00E+00	-9.95E-01	-7.14E-04	7.89E-05	-2.16E-03	0.00E+00	4.60E-20	-7.92E-10	-7.31E-08	-1.41E-03	-5.51E-01	0.00E+00	0.00E+00	-1.06E+00	1.53E-19	-4.91E-01	0.00E+00	-9.13E-10	-1.59E-08	-1.46E-03	0.00E+00	-1.36E-01	0.00E+00	-4.91E-01	-2.42E-05	-4.91E-01	-6.57E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-4.43E+01
MCN150A	-6.65E-03	-1.11E-01	-3.25E-04	-3.75E-03	0.00E+00	0.00E+00	-1.30E+00	-7.87E-04	-2.64E-05	-2.64E-03	0.00E+00	4.60E-20	-1.11E-09	-7.97E-08	-3.32E-03	-1.30E+00	0.00E+00	0.00E+00	-1.24E+00	1.53E-19	-6.59E-01	0.00E+00	-5.20E-10	-1.28E-08	-1.44E-03	0.00E+00	-2.60E-01	0.00E+00	-6.59E-01	-2.11E-05	-6.59E-01	-1.12E+00	-2.60E-01	0.00E+00	0.00E+00	0.00E+00	-5.25E+01
MCN150E	-6.02E-03	3.02E-02	4.46E-04	-1.37E-02	0.00E+00	0.00E+00	-8.69E-01	-6.40E-04	8.78E-05	-1.89E-03	0.00E+00	4.60E-20	-7.39E-10	-5.30E-08	-1.36E-03	-4.86E-01	0.00E+00	0.00E+00	-8.46E-01	1.53E-19	-4.48E-01	0.00E+00	-7.31E-10	-1.43E-08	-1.37E-03	0.00E+00	-1.15E-01	0.00E+00	-4.48E-01	-1.98E-05	-4.48E-01	-6.15E-01	-1.15E-01	0.00E+00	0.00E+00	0.00E+00	-3.72E+01
MCN163	-1.47E-03	4.02E-02	8.00E-04	-2.67E-04	0.00E+00	0.00E+00	-4.82E-01	-2.98E-04	5.75E-04	-7.71E-04	0.00E+00	4.60E-20	-6.39E-10	-2.70E-08	-1.61E-03	-3.54E-01	0.00E+00	0.00E+00	-6.37E-01	1.53E-19	-3.11E-01	0.00E+00	2.14E-09	-9.15E-09	-8.25E-04	0.00E+00	-9.99E-02	0.00E+00	-3.11E-01	-7.22E-06	-3.11E-01	-5.03E-01	-9.99E-02	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
MCN163A	-2.99E-03	-8.57E-02	-2.03E-04	1.94E-02	0.00E+00	0.00E+00	-1.02E+00	-6.29E-04	3.89E-04	-2.06E-03	0.00E+00	4.60E-20	-1.02E-09	-7.07E-08	-3.50E-03	-1.03E+00	0.00E+00	0.00E+00	-1.03E+00	1.53E-19	-6.06E-01	0.00E+00	6.54E-10	-8.95E-09	-1.01E-03	0.00E+00	-2.28E-01	0.00E+00	-6.06E-01	-1.81E-05	-6.06E-01	-1.10E+00	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-4.22E+01
MCN163E	1.20E-03	6.01E-02	2.87E-03	5.73E-02	0.00E+00	0.00E+00	3.53E-01	-2.44E-05	1.05E-03	4.32E-04	0.00E+00	2.80E-20	-6.91E-10	8.74E-09	-2.71E-03	-1.95E-01	0.00E+00	0.00E+00	-1.62E-01	1.07E-19	-1.92E-02	0.00E+00	4.23E-09	-2.72E-09	-2.09E-05	0.00E+00	-4.56E-02	0.00E+00	-1.92E-02	-1.50E-06	-1.92E-02	-6.47E-02	-4.56E-02	0.00E+00	0.00E+00	0.00E+00	-9.17E+00
MCN200	-7.97E-03	1.31E-02	4.77E-04	-3.86E-02	0.00E+00	0.00E+00	-1.27E+00	-6.99E-04	7.04E-05	-3.72E-03	0.00E+00	4.60E-20	-1.66E-09	-7.63E-08	-1.35E-02	-1.63E+00	0.00E+00	0.00E+00	-1.54E+00	1.53E-19	-6.53E-01	0.00E+00	2.27E-09	-1.19E-08	-1.61E-03	0.00E+00	-3.35E-01	0.00E+00	-6.53E-01	-2.40E-05	-6.53E-01	-1.03E+00	-3.35E-01	0.00E+00	0.00E+00	0.00E+00	-6.52E+01
MCN200E	-7.48E-03	1.69E-02	3.74E-04	-3.83E-02	0.00E+00	0.00E+00	-1.20E+00	-6.23E-04	8.87E-05	-3.59E-03	0.00E+00	4.60E-20	-1.59E-09	-7.51E-08	-1.29E-02	-1.45E+00	0.00E+00	0.00E+00	-1.47E+00	1.53E-19	-6.08E-01	0.00E+00	2.15E-09	-1.12E-08	-1.44E-03	0.00E+00	-2.87E-01	0.00E+00	-6.08E-01	-2.33E-05	-6.08E-01	-9.39E-01	-2.87E-01	0.00E+00	0.00E+00	0.00E+00	-6.28E+01
MCN201	-1.07E-02	-8.06E-02	5.85E-04	-1.24E-01	0.00E+00	0.00E+00	-1.36E+00	-7.12E-04	3.85E-05	-4.54E-03	0.00E+00	4.60E-20	-1.96E-09	-8.15E-08	-1.40E-02	-1.79E+00	0.00E+00	0.00E+00	-1.79E+00	1.53E-19	-7.33E-01	0.00E+00	9.88E-10	-1.66E-08	-1.91E-03	0.00E+00	-4.08E-01	0.00E+00	-7.33E-01	-2.46E-05	-7.33E-01	-1.11E+00	-4.08E-01	0.00E+00	0.00E+00	0.00E+00	-7.69E+01
MCN201E	-1.15E-02	-7.89E-02	4.54E-04	-1.14E-01	0.00E+00	0.00E+00	-1.46E+00	-7.44E-04	1.76E-05	-4.59E-03	0.00E+00	4.60E-20	-1.54E-09	-8.27E-08	-1.37E-02	-1.79E+00	0.00E+00	0.00E+00	-1.68E+00	1.53E-19	-6.90E-01	0.00E+00	1.13E-09	-1.48E-08	-1.86E-03	0.00E+00	-3.27E-01	0.00E+00	-6.90E-01	-2.55E-05	-6.90E-01	-1.10E+00	-3.27E-01	0.00E+00	0.00E+00	0.00E+00	-6.92E+01
MCN202	-1.07E-02	-7.69E-02	9.10E-05	-1.26E-01	0.00E+00	0.00E+00	-1.35E+00	-7.61E-04	9.30E-06	-4.48E-03	0.00E+00	4.60E-20	-2.03E-09	-8.60E-08	-1.14E-02	-1.74E+00	0.00E+00	0.00E+00	-1.66E+00	1.53E-19	-6.77E-01	0.00E+00	2.00E-10	-1.62E-08	-1.95E-03	0.00E+00	-3.62E-01	0.00E+00	-6.77E-01	-2.74E-05	-6.77E-01	-1.03E+00	-3.62E-01	0.00E+00	0.00E+00	0.00E+00	-7.01E+01
MCN202E	-1.00E-02	-7.79E-02	-1.79E-04	-1.16E-01	0.00E+00	0.00E+00	-1.26E+00	-7.59E-04	3.15E-05	-4.15E-03	0.00E+00	4.60E-20	-1.62E-09	-8.42E-08	-1.13E-02	-1.58E+00	0.00E+00	0.00E+00	-1.50E+00	1.53E-19	-6.74E-01	0.00E+00	5.25E-10	-1.27E-08	-1.90E-03	0.00E+00	-2.97E-01	0.00E+00	-6.74E-01	-2.56E-05	-6.74E-01	-1.05E+00	-2.97E-01	0.00E+00	0.00E+00	0.00E+00	-6.27E+01
MCN203	-1.04E-02	1.24E-02	4.72E-04	-4.19E-02	0.00E+00	0.00E+00	-1.20E+00	-8.05E-04	7.06E-05	-4.53E-03	0.00E+00	4.60E-20	-1.98E-09	-9.39E-08	-9.94E-03	-1.64E+00	0.00E+00	0.00E+00	-1.61E+00	1.53E-19	-5.84E-01	0.00E+00	2.33E-09	-1.87E-08	-1.69E-03	0.00E+00	-3.62E-01	0.00E+00	-5.84E-01	-2.83E-05	-5.84E-01	-9.32E-01	-3.62E-01	0.00E+00	0.00E+00	0.00E+00	-7.44E+01
MCN203E	-7.96E-03	1.68E-02	1.15E-04	-4.79E-02	0.00E+00	0.00E+00	-1.24E+00	-7.53E-04	7.16E-05	-3.74E-03	0.00E+00	4.60E-20	-1.56E-09	-8.19E-08	-1.09E-02	-1.40E+00	0.00E+00	0.00E+00	-1.48E+00	1.53E-19	-6.20E-01	0.00E+00	2.79E-09	-1.14E-08	-1.68E-03	0.00E+00	-3.01E-01	0.00E+00	-6.20E-01	-2.57E-05	-6.20E-01	-9.86E-01	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-6.46E+01
MCN204	-1.06E-02	1.80E-02	5.07E-04	-2.89E-02	0.00E+00	0.00E+00	-1.32E+00	-8.46E-04	9.43E-05	-4.42E-03	0.00E+00	4.60E-20	-2.04E-09	-8.98E-08	-1.30E-02	-1.74E+00	0.00E+00	0.00E+00	-1.78E+00	1.53E-19	-6.86E-01	0.00E+00	2.17E-09	-1.80E-08	-1.68E-03	0.00E+00	-3.74E-01	0.00E+00	-6.86E-01	-2.59E-05	-6.86E-01	-1.14E+00	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-7.65E+01
MCN204E	-1.04E-02	-2.41E-01	-2.71E-03	-2.38E-01	0.00E+00	0.00E+00	-2.49E+00	-1.01E-03	-5.57E-04	-7.01E-03	0.00E+00	2.03E-20	-2.52E-09	-1.16E-07	-2.06E-02	-2.03E+00	0.00E+00	0.00E+00	-2.80E+00	6.07E-20	-2.26E+00	0.00E+00	-8.54E-09	-3.14E-08	-2.30E-03	0.00E+00	-5.13E-01	0.00E+00	-2.26E+00	-3.02E-05	-2.26E+00	-2.77E+00	-5.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02

MCN206	-2.78E-03	3.17E-02	3.07E-03	2.38E-02	0.00E+00	0.00E+00	2.13E-01	-3.18E-04	1.62E-04	-8.51E-04	0.00E+00	4.60E-20	-6.64E-10	-1.55E-08	-5.54E-03	-6.00E-01	0.00E+00	0.00E+00	-2.62E-01	1.53E-19	1.89E-01	0.00E+00	3.82E-09	-5.34E-09	-4.12E-04	0.00E+00	-1.09E-01	0.00E+00	1.89E-01	-7.59E-06	1.89E-01	2.27E-01	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+01
MCN206A	-5.50E-03	2.14E-02	2.18E-03	2.35E-02	0.00E+00	0.00E+00	-1.03E-01	-3.53E-04	1.65E-04	-1.68E-03	0.00E+00	4.60E-20	-9.39E-10	-3.57E-08	-6.93E-03	-8.58E-01	0.00E+00	0.00E+00	-4.94E-01	1.53E-19	3.31E-02	0.00E+00	1.91E-09	-8.69E-09	-5.85E-04	0.00E+00	-1.46E-01	0.00E+00	3.31E-02	-1.09E-05	3.31E-02	-4.11E-02	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
MCN206E	-5.78E-03	-1.73E-02	-8.24E-04	-1.65E-02	0.00E+00	0.00E+00	-1.37E+00	-5.75E-04	-2.44E-04	-3.10E-03	0.00E+00	3.89E-20	-1.94E-09	-6.56E-08	-1.79E-02	-9.72E-01	0.00E+00	0.00E+00	-1.94E+00	1.41E-19	-1.43E+00	0.00E+00	-1.81E-09	-2.04E-08	-1.26E-03	0.00E+00	-3.20E-01	0.00E+00	-1.43E+00	-1.77E-05	-1.43E+00	-1.75E+00	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-8.24E+01
MCN208E	-2.44E-03	2.62E-02	2.34E-03	-5.07E-04	0.00E+00	0.00E+00	2.12E-01	-3.49E-04	1.66E-04	-8.92E-04	0.00E+00	4.60E-20	-1.15E-09	-2.24E-08	-5.32E-03	-6.26E-01	0.00E+00	0.00E+00	-3.42E-01	1.53E-19	1.57E-01	0.00E+00	8.74E-09	-5.44E-09	-4.84E-04	0.00E+00	-1.28E-01	0.00E+00	1.57E-01	-1.20E-05	1.57E-01	1.43E-01	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+01
MCN210	-5.97E-03	2.11E-02	2.71E-03	1.74E-03	0.00E+00	0.00E+00	-3.30E-02	-3.48E-04	1.59E-04	-1.75E-03	0.00E+00	4.60E-20	-1.19E-09	-2.27E-08	-9.53E-03	-9.81E-01	0.00E+00	0.00E+00	-5.71E-01	1.53E-19	-1.80E-02	0.00E+00	4.99E-09	-9.36E-09	-8.43E-04	0.00E+00	-1.92E-01	0.00E+00	-1.80E-02	-1.03E-05	-1.80E-02	-1.45E-01	-1.92E-01	0.00E+00	0.00E+00	0.00E+00	-3.18E+01
MCN210A	-3.38E-03	2.11E-02	2.08E-03	1.28E-02	0.00E+00	0.00E+00	-3.67E-02	-2.67E-04	1.23E-04	-1.08E-03	0.00E+00	4.60E-20	-9.26E-10	-1.49E-08	-7.64E-03	-8.14E-01	0.00E+00	0.00E+00	-4.80E-01	1.53E-19	-4.41E-02	0.00E+00	2.71E-09	-3.78E-09	-5.35E-04	0.00E+00	-1.66E-01	0.00E+00	-4.41E-02	-6.20E-06	-4.41E-02	-5.57E-02	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	-2.41E+01
MCN210E	7.62E-04	6.23E-02	5.38E-03	5.69E-02	0.00E+00	0.00E+00	1.53E+00	3.02E-06	4.09E-04	7.77E-04	0.00E+00	5.89E-20	2.61E-10	6.42E-09	-1.04E-02	-1.03E+00	0.00E+00	0.00E+00	8.20E-01	1.96E-19	1.35E+00	0.00E+00	1.18E-08	3.66E-09	2.40E-04	0.00E+00	-1.23E-01	0.00E+00	1.35E+00	3.66E-07	1.35E+00	1.23E+00	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	3.01E+01
MCN213	-7.30E-03	-4.15E-02	-1.05E-03	-4.05E-02	0.00E+00	0.00E+00	-1.72E+00	-7.26E-04	-3.16E-04	-4.02E-03	0.00E+00	4.08E-20	-2.09E-09	-8.32E-08	-1.82E-02	-1.56E+00	0.00E+00	0.00E+00	-2.17E+00	1.43E-19	-1.54E+00	0.00E+00	-2.57E-09	-2.33E-08	-1.51E-03	0.00E+00	-4.10E-01	0.00E+00	-1.54E+00	-2.20E-05	-1.54E+00	-1.95E+00	-4.10E-01	0.00E+00	0.00E+00	0.00E+00	-9.21E+01
MCN213E	-3.15E-03	1.64E-02	1.74E-03	-1.43E-02	0.00E+00	0.00E+00	-4.21E-01	-5.66E-04	1.51E-04	-1.59E-03	0.00E+00	4.60E-20	-1.43E-09	-3.58E-08	-1.03E-02	-8.39E-01	0.00E+00	0.00E+00	-1.17E+00	1.53E-19	-2.86E-01	0.00E+00	2.93E-09	-1.38E-08	-1.10E-03	0.00E+00	-2.37E-01	0.00E+00	-2.86E-01	-1.45E-05	-2.86E-01	-4.90E-01	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	-5.29E+01
MCN216	6.49E-04	2.56E-02	4.51E-03	2.11E-02	0.00E+00	0.00E+00	1.21E+00	-9.90E-06	4.63E-04	3.43E-04	0.00E+00	5.17E-20	-9.74E-11	5.69E-09	-1.17E-02	-4.62E-01	0.00E+00	0.00E+00	4.75E-01	1.73E-19	8.37E-01	0.00E+00	9.26E-09	5.35E-10	4.81E-05	0.00E+00	-7.31E-02	0.00E+00	8.37E-01	-3.28E-07	8.37E-01	7.63E-01	-7.31E-02	0.00E+00	0.00E+00	0.00E+00	1.65E+01
MCN216A	-1.50E-03	6.27E-02	2.84E-03	3.75E-02	0.00E+00	0.00E+00	7.35E-02	-2.03E-04	1.80E-04	-4.91E-04	0.00E+00	4.60E-20	-8.71E-10	-3.22E-08	-2.81E-03	-6.42E-01	0.00E+00	0.00E+00	-3.19E-01	1.53E-19	1.64E-01	0.00E+00	4.35E-09	-6.06E-09	-3.35E-04	0.00E+00	-7.20E-02	0.00E+00	1.64E-01	-9.49E-06	1.64E-01	7.86E-02	-7.20E-02	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
MCN216E	-7.47E-03	-6.59E-02	-2.50E-03	-6.34E-02	0.00E+00	0.00E+00	-2.15E+00	-7.39E-04	-3.46E-04	-4.38E-03	0.00E+00	3.39E-20	-2.62E-09	-8.51E-08	-1.23E-03	-8.78E-01	0.00E+00	0.00E+00	-2.55E+00	1.20E-19	-1.92E+00	0.00E+00	-5.56E-09	-2.59E-08	-1.70E-03	0.00E+00	-2.64E-01	0.00E+00	-1.92E+00	-2.30E-05	-1.92E+00	-2.19E+00	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
MCN220	-8.91E-03	-2.71E-02	-1.62E-03	-2.55E-02	0.00E+00	0.00E+00	-2.19E+00	-8.97E-04	-3.75E-04	-4.81E-03	0.00E+00	4.36E-20	-2.49E-09	-1.03E-07	2.55E-04	-1.11E+00	0.00E+00	0.00E+00	-2.50E+00	1.52E-19	-1.42E+00	0.00E+00	-2.71E-09	-2.52E-08	-1.74E-03	0.00E+00	-2.72E-01	0.00E+00	-1.42E+00	-2.72E-05	-1.42E+00	-1.69E+00	-2.72E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
MCN220A	-1.75E-03	4.38E-02	2.06E-03	1.58E-02	0.00E+00	0.00E+00	-7.16E-02	-2.38E-04	1.80E-04	-7.81E-04	0.00E+00	4.60E-20	-1.05E-09	-3.44E-08	-3.58E-03	-7.45E-01	0.00E+00	0.00E+00	-5.07E-01	1.53E-19	-5.53E-02	0.00E+00	3.97E-09	-8.05E-09	-4.98E-04	0.00E+00	-1.10E-01	0.00E+00	-5.53E-02	-1.08E-05	-5.53E-02	-9.26E-02	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.15E+01
MCN220E	-8.00E-05	-3.26E-02	2.01E-04	-3.28E-02	0.00E+00	0.00E+00	-2.25E-01	-6.07E-05	4.85E-04	-6.24E-04	0.00E+00	3.18E-20	-1.77E-09	-1.72E-10	-1.77E-02	-5.44E-01	0.00E+00	0.00E+00	-1.35E+00	1.22E-19	-1.47E+00	0.00E+00	-1.35E-09	-1.38E-08	-5.94E-04	0.00E+00	-2.57E-01	0.00E+00	-1.47E+00	-3.48E-06	-1.47E+00	-1.72E+00	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	-5.68E+01
MCN225	-4.15E-03	-5.80E-02	1.20E-03	-1.10E-01	0.00E+00	0.00E+00	-1.24E+00	-7.93E-04	6.79E-05	-4.45E-03	0.00E+00	4.60E-20	-1.88E-09	-7.42E-08	-9.31E-03	-1.11E+00	0.00E+00	0.00E+00	-1.68E+00	1.53E-19	-5.50E-01	0.00E+00	-1.86E-09	-2.11E-08	-1.61E-03	0.00E+00	-2.52E-01	0.00E+00	-5.50E-01	-2.60E-05	-5.50E-01	-9.15E-01	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	-7.10E+01
MCN225A	-2.73E-03	-5.56E-02	2.38E-04	-1.13E-01	0.00E+00	0.00E+00	-9.19E-01	-5.35E-04	1.06E-04	-3.17E-03	0.00E+00	4.60E-20	-1.69E-09	-3.58E-08	-8.96E-03	-1.02E+00	0.00E+00	0.00E+00	-1.46E+00	1.53E-19	-5.63E-01	0.00E+00	-2.71E-09	-1.54E-08	-1.19E-03	0.00E+00	-2.54E-01	0.00E+00	-5.63E-01	-1.26E-05	-5.63E-01	-8.26E-01	-2.54E-01	0.00E+00	0.00E+00	0.00E+00	-6.19E+01
MCN225E	-1.25E-02	-2.79E-01	-4.21E-03	-2.75E-01	0.00E+00	0.00E+00	-3.36E+00	-1.21E-03	-6.69E-04	-8.41E-03	0.00E+00	1.25E-20	-3.08E-09	-1.40E-07	-4.19E-03	-2.10E+00	0.00E+00	0.00E+00	-3.30E+00	3.12E-20	-2.77E+00	0.00E+00	-1.28E-08	-3.71E-08	-2.76E-03	0.00E+00	-4.69E-01	0.00E+00	-2.77E+00	-3.64E-05	-2.77E+00	-3.23E+00	-4.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
MCN232	-9.54E-03	1.64E-02	2.78E-03	6.93E-02	0.00E+00	0.00E+00	-1.18E+00	-5.43E-04	4.41E-04	-4.80E-03	0.00E+00	4.60E-20	-2.12E-09	-9.75E-08	-3.15E-03	-1.66E+00	0.00E+00	0.00E+00	-1.53E+00	1.53E-19	7.97E-02	0.00E+00	3.68E-09	-2.35E-08	-2.04E-03	0.00E+00	-3.20E-01	0.00E+00	7.97E-02	-3.11E-05	7.97E-02	-1.79E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-6.89E+01
MCN232A	-1.19E-02	1.25E-02	7.70E-04	2.50E-02	0.00E+00	0.00E+00	-2.50E+00	-8.12E-04	-2.72E-05	-6.84E-03	0.00E+00	4.60E-20	-2.44E-09	-1.87E-07	-4.32E-03	-1.88E+00	0.00E+00	0.00E+00	-2.43E+00	1.53E-19	-2.07E-01	0.00E+00	2.96E-09	-2.73E-08	-2.38E-03	0.00E+00	-3.74E-01	0.00E+00	-2.07E-01	-5.17E-05	-2.07E-01	-4.08E-01	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MCN232E	-1.37E-03	-7.46E-02	3.30E-03	-7.79E-02	0.00E+00	0.00E+00	-2.36E-02	-3.18E-04	1.26E-03	-2.05E-03	0.00E+00	3.43E-20	-1.31E-09	-2.10E-08	3.24E-03	-1.02E+00	0.00E+00	0.00E+00	-5.75E-01	1.17E-19	-2.49E-01	0.00E+00	2.67E-09	-9.87E-09	-7.02E-04	0.00E+00	-1.40E-01	0.00E+00	-2.49E-01	-1.24E-05	-2.49E-01	-3.88E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-2.88E+01
MCN240	-1.34E-02	1.06E-01	3.34E-03	1.52E-01	0.00E+00	0.00E+00	-1.24E+00	-3.54E-04	2.86E-04	-5.65E-03	0.00E+00	4.60E-20	-2.26E-09	-1.28E-07	1.14E-03	-1.41E+00	0.00E+00	0.00E+00	-1.45E+00	1.53E-19	3.84E-01	0.00E+00	6.88E-09	-1.87E-08	-1.94E-03	0.00E+00	-2.35E-01	0.00E+00	3.84E-01	-4.05E-05	3.84E-01	2.65E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-6.56E+01
MCN240A	-1.33E-02	1.05E-01	2.45E-03	1.31E-01	0.00E+00	0.00E+00	-1.94E+00	-9.42E-04	3.57E-04	-5.26E-03	0.00E+00	4.60E-20	-2.44E-09	-1.09E-07	1.81E-03	-1.22E+00	0.00E+00	0.00E+00	-1.88E+00	1.53E-19	1.30E-01	0.00E+00	6.26E-09	-3.13E-08	-1.66E-03	0.00E+00	-2.72E-01	0.00E+00	1.30E-01	-2.36E-05	1.30E-01	-2.58E-02	-2.72E-01	0.00E+00	0.00E+00	0.00E+00	-8.79E+01
MCN240E	-2.14E-02	1.37E-01	5.62E-04	1.36E-01	0.00E+00	0.00E+00	-4.25E+00	-2.23E-03	-5.77E-04	-1.00E-02	0.00E+00	8.27E-20	-2.73E-09	-2.56E-07	4.58E-03	-1.94E+00	0.00E+00	0.00E+00	-3.62E+00	2.90E-19	5.19E-02	0.00E+00	6.70E-09	-3.47E-08	-2.95E-03	0.00E+00	-3.44E-01	0.00E+00	5.19E-02	-6.44E-05	5.19E-02	-2.92E-01	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
MCN250	-2.27E-02	-2.11E-02	-2.83E-03	-9.23E-02	0.00E+00	0.00E+00	-2.62E+00	-2.06E-03	-2.68E-04	-1.86E-03	0.00E+00	4.60E-20	-1.36E-09	-4.70E-08	-4.23E-03	-2.61E+00	0.00E+00	0.00E+00	-2.56E+00	1.53E-19	-1.33E+00	0.00E+00	-6.28E-09	-3.79E-08	-3.69E-03	0.00E+00	-4.94E-01	0.00E+00	-1.33E+00	-7.22E-05	-1.33E+00	-1.87E+00	-4.94E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
MCN250A	-1.38E-02	-3.22E-01	-3.86E-03	-7.67E-02	0.00E+00	0.00E+00	-2.02E+00	-1.37E-03	-2.32E-04	-3.47E-03	0.00E+00	4.60E-20	-1.63E-09	-7.76E-08	-6.43E-03	-2.69E+00	0.00E+00	0.00E+00	-1.89E+00	1.53E-19	-2.77E+00	0.00E+00	-7.28E-09	-2.85E-08	-2.24E-03	0.00E+00	-5.73E-01	0.00E+00	-2.77E+00	-4.09E-05	-2.77E+00	-4.02E+00	-5.73E-01	0.00E+00	0.00E+00	0.00E+00	-8.95E+01
MCN250E	-3.22E-02	-1.73E-01	-7.18E-03	-1.66E-01	0.00E+00	0.00E+00	-8.15E+00	-3.22E-03	-1.39E-03	-1.77E-02	0.00E+00	4.01E-20	-5.45E-09	-3.75E-07	-5.62E-03	-3.25E+00	0.00E+00	0.00E+00	-7.17E+00	1.44E-19	-3.54E+00	0.00E+00	-1.38E-08	-6.94E-08	-5.46E-03	0.00E+00	-7.74E-01	0.00E+00	-3.54E+00	-9.43E-05	-3.54E+00	-4.31E+00	-7.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+02
MCN263	-1.37E-02	3.46E-02	-2.51E-03	-2.18E-02	0.00E+00	0.00E+00	-2.26E+00	-1.65E-03	1.08E-04	-1.00E-03	0.00E+00	4.60E-20	-1.52E-09	-4.62E-08	-3.14E-03	-2.16E+00	0.00E+00	0.00E+00	-2.26E+00	1.53E-19	-1.07E+00	0.00E+00	-3.74E-09	-2.93E-08	-2.62E-03	0.00E+00	-3.91E-01	0.00E+00	-1.07E+00	-5.51E-05	-1.07E+00	-1.54E+00	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MCN263A	-1.06E-02	-2.80E-01	-4.09E-03	3.58E-02	0.00E+00	0.00E+00	-1.84E+00	-1.26E-03	8.94E-05	-2.48E-03	0.00E+00	4.60E-20	-1.68E-09	-7.09E-08	-4.49E-03	-2.32E+00	0.00E+00	0.00E+00	-1.77E+00	1.53E-19	-2.54E+00	0.00E+00	-5.37E-09	-2.56E-08	-1.90E-03	0.00E+00	-5.14E-01	0.00E+00	-2.54E+00	-3.67E-05	-2.54E+00	-3.64E+00	-5.14E-01	0.00E+00	0.00E+00	0.00E+00	-8.68E+01
MCN263E	-1.37E-02	9.45E-02	-1.79E-03	2.55E-03	0.00E+00	0.00E+00	-2.21E+00	-1.66E-03	1.04E-04	-9.24E-04	0.00E+00	4.60E-20	-9.39E-10	-4.65E-08	-3.72E-03	-1.57E+00	0.00E+00	0.00E+00	-2.08E+00	1.53E-19	-4.15E-01	0.00E+00	1.00E-09	-2.60E-08	-2.56E-03	0.00E+00	-2.54E-01	0.00E+00	-4.15E-01	-5.50E-05	-4.15E-01	-8.34E-01	-2.54E-01	0.00E+00	0.00E+00	0.00E+00	-9.26E+01
MCN300	-1.70E-02	-5.96E-02	-9.43E-05	-1.06E-01	0.00E+00	0.00E+00	-2.81E+00	-1.34E-03	-1.91E-04	-8.15E-03	0.00E+00	4.60E-20	-3.01E-09	-1.55E-07	-1.79E-02	-2.23E+00	0.00E+00	0.00E+00	-3.48E+00	1.53E-19	-1.02E+00	0.00E+00	9.30E-10	-3.56E-08	-2.55E-03	0.00E+00	-5.70E-01	0.00E+00	-1.02E+00	-4.20E-05	-1.02E+00	-1.51E+00	-5.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
MCN300E	-1.85E-02	-9.31E-02	-1.19E-03	-1.47E-01	0.00E+00	0.00E+00	-2.78E+00	-1.35E-03	-2.31E-04	-8.64E-03	0.00E+00	4.60E-20	-3.29E-09	-1.55E-07	-1.86E-02	-3.04E+00	0.00E+00	0.00E+00	-3.59E+00	1.53E-19	-1.53E+00	0.00E+00	-1.99E-09	-3.78E-08	-2.74E-03	0.00E+00	-6.35E-01	0.00E+00	-1.53E+00	-4.27E-05	-1.53E+00	-2.17E+00	-6.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
MCN301	-2.19E-02	-2.10E-01	-1.05E-03	-2.33E-01	0.00E+00	0.00E+00	-2.86E+00	-1.47E-03	-2.30E-04	-9.83E-03	0.00E+00	4.60E-20	-3.61E-09	-1.70E-07	-1.60E-02	-3.11E+00	0.00E+00	0.00E+00	-3.77E+00	1.53E-19	-1.51E+00	0.00E+00	-2.73E-09	-4.29E-08	-3.12E-03	0.00E+00	-7.15E-01	0.00E+00	-1.51E+00	-4.55E-05	-1.51E+00	-2.29E+00	-7.15E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+02
MCN301E	-2.17E-02	-2.18E-01	-1.28E-03	-2.58E-01	0.00E+00	0.00E+00	-2.86E+00	-1.46E-03	-2.49E-04	-9.64E-03	0.00E+00	4.60E-20	-3.30E-09	-1.62E-07	-1.87E-02	-3.07E+00	0.00E+00	0.00E+00	-3.71E+00	1.53E-19	-1.66E+00	0.00E+00	-3.72E-09	-3.97E-08	-3.18E-03	0.00E+00	-6.46E-01	0.00E+00	-1.66E+00	-4.29E-05	-1.66E+00	-2.37E+00	-6.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
MCN302	-2.07E-02	-2.20E-01	-1.32E-03	-2.56E-01	0.00E+00	0.00E+00	-2.50E+00	-1.44E-03	-2.41E-04	-9.13E-03	0.00E+00	4.60E-20	-3.63E-09	-1.58E-07	-1.21E-02	-3.07E+00	0.00E+00	0.00E+00	-3.26E+00	1.53E-19	-1.53E+00	0.00E+00	-3.26E-09	-4.24E-08	-3.36E-03	0.00E+00	-6.39E-01	0.00E+00	-1.53E+00	-4.33E-05	-1.53E+00	-2.23E+00	-6.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
MCN302E	-2.86E-02	-5.14E-01	-8.19E-03	-5.06E-01	0.00E+00	0.00E+00	-5.09E+00	-1.75E-03	-1.05E-03	-1.31E-02	0.00E+00	0.00E+00	-5.05E-09	-2.04E-07	-3.61E-02	-3.97E+00	0.00E+00	0.00E+00	-6.05E+00	0.00E+00	-5.11E+00	0.00E+00	-2.24E-08	-6.07E-08	-4.31E-03	0.00E+00	-1.06E+00	0.00E+00	-5.11E+00	-5.36E-05	-5.11E+00	-6.16E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-2.53E+02
MCN303	-1.89E-02	-1.36E-01	-1.27E-03	-1.83E-01	0.00E+00	0.00E+00	-2.45E+00	-1.36E-03	-1.71E-04	-8.95E-03	0.00E+00	4.60E-20	-3.62E-09	-1.46E-07	-1.25E-02	-3.09E+00	0.00E+00	0.00E+00	-3.35E+00	1.53E-19	-1.47E+00	0.00E+00	-2.53E-09	-4.27E-08	-2.88E-03	0.00E+00	-6.10E-01	0.00E+00	-1.47E+00	-4.45E-05	-1.47E+00	-2.07E+00	-6.10E-01	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
MCN303E	-1.82E-02	-1.36E-01	-1.56E-03	-1.89E-01	0.00E+00	0.00E+00	-2.34E+00	-1.33E-03	-2.05E-04	-8.67E-03	0.00E+00	4.60E-20	-3.37E-09	-1.32E-07	-1.47E-02	-3.07E+00	0.00E+00	0.00E+00	-3.26E+00	1.53E-19	-1.60E+00	0.00E+00	-2.51E-09	-3.80E-08	-2.88E-03	0.00E+00	-5.85E-01	0.00E+00	-1.60E+00	-4.14E-05	-1.60E+00	-2.14E+00	-5.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
MCN304	-1.90E-02	-1.22E-01	-1.14E-03	-1.75E-01	0.00E+00	0.00E+00	-2.67E+00	-1.42E-03	-1.72E-04	-8.66E-03	0.00E+00	4.60E-20	-3.55E-09	-1.73E-07	-1.58E-02	-2.97E+00	0.00E+00	0.00E+00	-3.54E+00	1.53E-19	-1.40E+00	0.00E+00	-2.52E-09	-4.16E-08	-2.94E-03	0.00E+00	-6.16E-01	0.00E+00	-1.40E+00	-4.53E-05	-1.40E+00	-2.08E+00	-6.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
MCN304E	-1.76E-02	-1.00E-01	-1.08E-03	-1.83E-01	0.00E+00	0.00E+00	-2.54E+00	-1.44E-03	-2.15E-04	-8.22E-03	0.00E+00	4.60E-20	-3.33E-09	-1.76E-07	-1.68E-02	-2.90E+00	0.00E+00	0.00E+00	-3.45E+00	1.53E-19	-1.07E+00	0.00E+00	-4.25E-10	-3.78E-08	-2.97E-03	0.00E+00	-5.65E-01	0.00E+00	-1.07E+00	-4.36E-05	-1.07E+00	-1.61E+00	-5.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
MCN306	-5.30E-03	5.97E-02	4.64E-03	5.84E-02	0.00E+00	0.00E+00	5.19E-01	-3.64E-04	1.81E-04	-6.61E-04	0.00E+00	4.60E-20	-7.88E-10	-2.14E-08	-1.79E-04	-8.56E-01	0.00E+00	0.00E+00	-7.00E-02	1.53E-19	6.29E-01	0.00E+00	9.74E-09	-5.59E-09	-2.51E-04	0.00E+00	-6.26E-02	0.00E+00	6.29E-01	-1.07E-05	6.29E-01	7.31E-01	-6.26E-02	0.00E+00	0.00E+00	0.00E+00	-9.92E+00
MCN306A	-5.88E-03	4.40E-02	2.62E-03	6.48E-02	0.00E+00	0.00E+00	3.45E-01	-4.92E-04	1.47E-04	-1.25E-03	0.00E+00	4.60E-20	-1.11E-09	-4.23E-08	-6.15E-04	-9.47E-01	0.00E+00	0.00E+00	-1.68E-01	1.53E-19	4.21E-01	0.00E+00	6.02E-09	-8.81E-09	-4.33E-04	0.00E+00	-8.58E-02	0.00E+00	4.21E-01	-1.68E-05	4.21E-01	4.97E-01	-8.58E-02	0.00E+00	0.00E+00	0.00E+00	-1.50E+01
MCN306E	1.94E-03	4.35E-01	1.04E-02	4.25E-01	0.00E+00	0.00E+00	2.46E+00	4.59E-06	8.28E-04	3.78E-03	0.00E+00	1.35E-19	4.27E-10	1.04E-08	1.62E-02	4.55E-01	0.00E+00	0.00E+00	1.83E+00	4.62E-19	3.34E+00	0.00E+00	2.70E-08	1.29E-08	9.79E-04	0.00E+00	3.01E-01	0.00E+00	3.34E+00	6.75E-07	3.34E+00	3.64E+00	3.01E-01	0.00E+00	0.00E+00	0.00E+00	6.51E+01
MCN308	-2.23E-03	1.94E-02	2.70E-03	-3.46E-03	0.00E+00	0.00E+00	1.21E-01	-2.53E-04	1.63E-04	-7.91E-04	0.00E+00	4.60E-20	-1.73E-09	-1.84E-08	-9.10E-04	-1.08E+00	0.00E+00	0.00E+00	-6.51E-01	1.53E-19	7.38E-02	0.00E+00	8.44E-09	-5.90E-09	-4.48E-04	0.00E+00	-1.53E-01	0.00E+00	7.38E-02	-8.68E-06	7.38E-02	7.93E-03	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.44E+01
MCN310	-6.20E-03	1.33E-02	3.40E-03	3.10E-02	0.00E+00	0.00E+00	3.30E-01	-2.81E-04	1.79E-04	-1.32E-03	0.00E+00	4.60E-20	-1.64E-09	-3.64E-08	-2.05E-03	-1.16E+00	0.00E+00	0.00E+00	-4.63E-01	1.53E-19	1.96E-01	0.00E+00	6.98E-09	-8.47E-09	-5.47E-04	0.00E+00	-1.36E-01	0.00E+00	1.96E-01	-1.20E-05	1.96E-01	1.27E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
MCN310A	-5.33E-03	9.20E-03	2.04E-03	3.27E-02	0.00E+00	0.00E+00	2.63E-01	-3.69E-04	1.18E-04	-1.66E-03	0.00E+00	4.60E-20	-1.45E-09	-3.77E-08	-1.14E-04	-1.11E+00	0.00E+00	0.00E+00	-5.51E-01	1.53E-19	8.76E-02	0.00E+00	4.17E-09	-7.70E-09	-5.10E-04	0.00E+00	-1.35E-01	0.00E+00	8.76E-02	-1.20E-05	8.76E-02	2.18E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+01
MCN310E	-2.80E-04	-1.64E-01	5.73E-04	-1.65E-01	0.00E+00	0.00E+00	2.54E-02	-6.10E-05	3.39E-04	-1.59E-03	0.00E+00	2.28E-20	-1.65E-09	-2.56E-10	-1.12E-02	-8.13E-01	0.00E+00	0.00E+00	-9.06E-01	8.14E-20	-1.34E+00	0.00E+00	-2.54E-09	-1.39E-08	-7.97E-04	0.00E+00	-2.23E-01	0.00E+00	-1.34E+00	-3.18E-06	-1.34E+00	-1.56E+00	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-3.90E+01
MCN313	-5.05E-04	-2.60E-01	-4.42E-04	-2.60E-01	0.00E+00	0.00E+00	-4.26E-01	-9.05E-05	4.34E-04	-2.54E-03	0.00E+00	2.85E-20	-2.39E-09	-1.60E-09	-7.94E-04	-1.45E+00	0.00E+00	0.00E+00	-1.26E+00	8.21E-20	-2.27E+00	0.00E+00	-8.16E-09	-2.10E-08	-1.23E-03	0.00E+00	-2.91E-01	0.00E+00	-2.27E+00	-4.81E-06	-2.27E+00	-2.56E+00	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	-5.40E+01
MCN313E	-6.40E-03	6.30E-03	1.85E-03	1.44E-02	0.00E+00	0.00E+00	1.36E-01	-3.75E-04	1.68E-04	-1.51E-03	0.00E+00	4.60E-20	-2.21E-09	-4.19E-08	-3.23E-03	-1.15E+00	0.00E+00	0.00E+00	-7.06E-01	1.53E-19	-5.48E-02	0.00E+00	2.82E-09	-1.42E-08	-7.60E-04	0.00E+00	-1.74E-01	0.00E+00	-5.48E-02	-1.22E-05	-5.48E-02	-1.51E-01	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.54E+01
MCN316	-1.01E-02	-6.26E-02	1.94E-03	-6.45E-02	0.00E+00	0.00E+00	-1.15E+00	-1.03E-03	-4.21E-04	-5.49E-03	0.00E+00	7.06E-20	-1.71E-09	-1.18E-07	6.02E-03	-2.42E+00	0.00E+00	0.00E+00	-1.57E+00	2.29E-19	1.65E-01	0.00E+00	5.14E-09	-2.00E-08	-1.68E-03	0.00E+00	-3.44E-01	0.00E+00	1.65E-01	-3.03E-05	1.65E-01	-1.80E-01	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-7.47E+01
MCN316A	-3.05E-03	-4.40E-02	9.90E-04	-4.45E-02	0.00E+00	0.00E+00	3.49E-01	-5.21E-04	1.41E-04	-2.16E-03	0.00E+00	4.60E-20	-1.72E-09	-3.90E-08	-2.39E-03	-9.98E-01	0.00E+00	0.00E+00	-4.22E-01	1.53E-19	-2.01E-01	0.00E+00	3.25E-10	-1.30E-08	-9.43E-04	0.00E+00	-1.52E-01	0.00E+00	-2.01E-01	-1.24E-05	-2.01E-01	-3.17E-01	-1.52E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
MCN316E	-6.79E-03	2.23E-01	4.02E-03	2.19E-01	0.00E+00	0.00E+00	-4.89E-01	-7.55E-04	-1.25E-04	-1.85E-03	0.00E+00	9.14E-20	-1.10E-09	-8.49E-08	8.03E-03	-1.50E+00	0.00E+00	0.00E+00	-6.97E-01	3.20E-19	1.03E+00	0.00E+00	1.25E-08	-1.02E-08	-7.39E-04	0.00E+00	-1.55E-01	0.00E+00	1.03E+00	-2.18E-05	1.03E+00	8.79E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-3.79E+01
MCN320	5.45E-04	7.47E-02	2.76E-03	7.19E-02	0.00E+00	0.00E+00	2.61E-01	-7.14E-05	8.31E-04	2.51E-04	0.00E+00	7.27E-20	-2.08E-09	2.80E-09	4.77E-03	-6.15E-01	0.00E+00	0.00E+00	-9.09E-01	2.57E-19	-7.00E-01	0.00E+00	4.53E-09	-1.20E-08	-4.41E-04	0.00E+00	-1.22E-01	0.00E+00	-7.00E-01	-4.10E-06	-7.00E-01	-8.21E-01	-1.22E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
MCN320A	-2.58E-03	-2.62E-02	9.32E-04	-8.71E-02	0.00E+00	0.00E+00	3.05E-01	-5.71E-04	2.00E-04	-3.08E-03	0.00E+00	4.60E-20	-1.99E-09	-4.73E-08	-3.43E-03	-1.04E+00	0.00E+00	0.00E+00	-6.61E-01	1.53E-19	-3.06E-01	0.00E+00	3.20E-11	-1.60E-08	-1.21E-03	0.00E+00	-2.29E-01	0.00E+00	-3.06E-01	-1.36E-05	-3.06E-01	-6.37E-01	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-3.51E+01
MCN320E	1.70E-03	3.02E-01	8.98E-03	2.93E-01	0.00E+00	0.00E+00	2.05E+00	-1.47E-05	1.03E-03	2.61E-03	0.00E+00	1.15E-19	-7.91E-11	1.08E-08	-1.48E-02	-3.71E-01	0.00E+00	0.00E+00	9.47E-01	4.02E-19	2.00E+00	0.00E+00	2.15E-08	4.81E-09	5.59E-04	0.00E+00	-3.10E-02	0.00E+00	2.00E+00	-4.18E-07	2.00E+00	1.97E+00	-3.10E-02	0.00E+00	0.00E+00	0.00E+00	3.26E+01
MCN325	4.50E-04	3.80E-03	2.30E-03	1.50E-03	0.00E+00	0.00E+00	-5.55E-02	-9.05E-05	1.05E-03	-4.95E-04	0.00E+00	5.98E-20	-2.34E-09	3.45E-09	-2.53E-02	-1.19E-01	0.00E+00	0.00E+00	-1.38E+00	2.19E-19	-1.75E+00	0.00E+00	8.45E-10	-1.79E-08	-7.48E-04	0.00E+00	-2.22E-01	0.00E+00	-1.75E+00	-4.74E-06	-1.75E+00	-1.98E+00	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-5.87E+01
MCN325A	-2.83E-03	-1.67E-02	3.48E-04	-8.29E-02	0.00E+00	0.00E+00	-1.42E+00	-7.74E-04	-9.13E-05	-4.98E-03	0.00E+00	4.60E-20	-2.06E-09	-5.11E-08	-9.46E-03	-8.79E-01	0.00E+00	0.00E+00	-2.04E+00	1.53E-19	-3.23E-01	0.00E+00	2.02E-09	-1.83E-08	-1.46E-03	0.00E+00	-3.27E-01	0.00E+00	-3.23E-01	-1.36E-05	-3.23E-01	-5.74E-01	-3.27E-01	0.00E+00	0.00E+00	0.00E+00	-9.28E+01
MCN325E	-1.87E-02	-3.97E-01	-5.73E-03	-3.91E-01	0.00E+00	0.00E+00	-4.59E+00	-1.80E-03	-9.79E-04	-1.23E-02	0.00E+00	1.61E-20	-4.32E-09	-2.08E-07	-3.27E-02	-3.09E+00	0.00E+00	0.00E+00	-5.24E+00	5.46E-20	-3.85E+00	0.00E+00	-1.55E-08	-5.34E-08	-3.95E-03	0.00E+00	-8.46E-01	0.00E+00	-3.85E+00	-5.39E-05	-3.85E+00	-4.70E+00	-8.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.21E+02
MCN332	-2.49E-03	-1.95E-01	2.97E-03	-1.98E-01	0.00E+00	0.00E+00	-6.17E-01	-4.96E-04	1.81E-03	-3.92E-03	0.00E+00	3.63E-20	-2.53E-09	-3.42E-08	1.93E-03	-1.57E+00	0.00E+00	0.00E+00	-1.50E+00	1.25E-19	-1.39E+00	0.00E+00	-1.72E-09	-2.10E-08	-1.41E-03	0.00E+00	-2.79E-01	0.00E+00	-1.39E+00	-1.97E-05	-1.39E+00	-1.67E+00	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	-6.81E+01
MCN332A	-1.45E-02	-1.02E-02	-1.17E-03	1.20E-01	0.00E+00	0.00E+00	-4.33E+00	-2.50E-03	6.41E-04	-7.31E-03	0.00E+00	4.60E-20	-3.30E-09	-2.53E-07	-5.74E-03	-2.79E+00	0.00E+00	0.00E+00	-4.22E+00	1.53E-19	-1.18E+00	0.00E+00	5.52E-09	-4.94E-08	-2.50E-03	0.00E+00	-6.07E-01	0.00E+00	-1.18E+00	-6.65E-05	-1.18E+00	-1.79E+00	-6.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
MCN332E	-2.35E-03	-1.78E-01	4.13E-03	-1.82E-01	0.00E+00	0.00E+00	-4.68E-01	-4.95E-04	1.83E-03	-3.72E-03	0.00E+00	4.54E-20	-2.17E-09	-3.35E-08	2.57E-03	-1.88E+00	0.00E+00	0.00E+00	-8.84E-01	1.44E-19	-1.14E+00	0.00E+00	-7.44E-10	-1.94E-08	-1.34E-03	0.00E+00	-2.68E-01	0.00E+00	-1.14E+00	-1.91E-05	-1.14E+00	-1.41E+00	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-4.18E+01
MCN340	-1.36E-03	2.47E-01	7.28E-03	2.40E-01	0.00E+00	0.00E+00	1.70E-01	-4.76E-04	2.12E-03	-2.83E-04	0.00E+00	9.95E-20	-1.92E-09	-3.08E-08	8.88E-03	-3.32E-01	0.00E+00	0.00E+00	-6.53E-01	3.59E-19	6.13E-01	0.00E+00	1.41E-08	-9.33E-09	-4.17E-04	0.00E+00	-2.94E-03	0.00E+00	6.13E-01	-1.84E-05	6.13E-01	6.10E-01	-2.94E-03	0.00E+00	0.00E+00	0.00E+00	-3.68E+01
MCN340A	-2.88E-02	-1.57E-01	3.81E-04	-3.16E-01	0.00E+00	0.00E+00	-3.99E+00	-3.40E-03	-1.31E-03	-1.96E-02	0.00E+00	4.60E-20	-5.60E-09	-3.87E-07	-7.87E-03	-2.74E+00	0.00E+00	0.00E+00	-3.87E+00	1.53E-19	-1.22E+00	0.00E+00	4.63E-09	-6.10E-08	-5.90E-03	0.00E+00	-5.53E-01	0.00E+00	-1.22E+00	-9.23E-05	-1.22E+00	-1.76E+00	-5.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.72E+02
MCN340E	4.53E-03	5.12E-01	1.54E-02	4.97E-01	0.00E+00	0.00E+00	3.13E+00	5.68E-06	2.81E-03	4.62E-03	0.00E+00	1.46E-19	6.03E-10	3.08E-08	-9.03E-03	2.84E-01	0.00E+00	0.00E+00	2.21E+00	5.18E-19	3.80E+00	0.00E+00	3.43E-08	1.61E-08	1.31E-03	0.00E+00	1.91E-01	0.00E+00	3.80E+00	6.81E-07	3.80E+00	3.99E+00	1.91E-01	0.00E+00	0.00E+00	0.00E+00	8.18E+01
MCN350	-3.61E-02	-5.11E-02	-4.58E-03	4.03E-02	0.00E+00	0.00E+00	-5.37E+00	-2.83E-03	-1.50E-03	-2.19E-02	0.00E+00	4.60E-20	-6.09E-09	-5.56E-07	-1.25E-03	-3.22E+00	0.00E+00	0.00E+00	-5.01E+00	1.53E-19	-1.40E+00	0.00E+00	-6.61E-09	-6.35E-08	-4.91E-03	0.00E+00	-6.46E-01	0.00E+00	-1.40E+00	-9.54E-05	-1.40E+00	-2.37E+00	-6.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+02
MCN350A	-3.55E-02	-3.36E-01	-7.61E-03	-3.36E-02	0.00E+00	0.00E+00	-5.86E+00	-2.75E-03	-1.32E-03	-2.14E-02	0.00E+00	4.60E-20	-6.17E-09	-5.48E-07	-3.30E-03	-3.91E+00	0.00E+00	0.00E+00	-5.32E+00	1.53E-19	-3.45E+00	0.00E+00	-1.05E-08	-6.40E-08	-4.42E-03	0.00E+00	-7.99E-01	0.00E+00	-3.45E+00	-9.94E-05	-3.45E+00	-4.68E+00	-7.99E-01	0.00E+00	0.00E+00	0.00E+00	-2.33E+02
MCN350E	-4.78E-02	-3.81E-01	-7.87E-03	-3.73E-01	0.00E+00	0.00E+00	-1.09E+01	-4.78E-03	-2.12E-03	-2.71E-02	0.00E+00	5.35E-20	-6.72E-09	-5.56E-07	-4.51E-03	-5.09E+00	0.00E+00	0.00E+00	-9.31E+00	1.72E-19	-3.56E+00	0.00E+00	-1.51E-08	-9.30E-08	-7.87E-03	0.00E+00	-1.06E+00	0.00E+00	-3.56E+00	-1.39E-04	-3.56E+00	-4.63E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-4.03E+02
MCN363	-4.14E-02	-2.03E-01	-5.65E-03	-3.39E-01	0.00E+00	0.00E+00	-7.01E+00	-3.93E-03	-1.71E-03	-2.04E-02	0.00E+00	4.60E-20	-6.24E-09	-5.65E-07	-5.86E-03	-4.28E+00	0.00E+00	0.00E+00	-6.49E+00	1.53E-19	-2.44E+00	0.00E+00	-4.39E-09	-8.21E-08	-6.67E-03	0.00E+00	-8.40E-01	0.00E+00	-2.44E+00	-1.16E-04	-2.44E+00	-3.33E+00	-8.40E-01	0.00E+00	0.00E+00	0.00E+00	-2.74E+02
MCN363A	-4.51E-02	-3.96E-01	-9.12E-03	-3.06E-01	0.00E+00	0.00E+00	-7.99E+00	-4.66E-03	-1.74E-03	-2.32E-02	0.00E+00	4.60E-20	-6.41E-09	-5.65E-07	-5.79E-03	-5.63E+00	0.00E+00	0.00E+00	-7.09E+00	1.53E-19	-3.80E+00	0.00E+00	-1.04E-08	-9.40E-08	-6.59E-03	0.00E+00	-9.52E-01	0.00E+00	-3.80E+00	-1.20E-04	-3.80E+00	-5.09E+00	-9.52E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+02
MCN363E	-4.84E-02	-3.98E-01	-8.27E-03	-3.90E-01	0.00E+00	0.00E+00	-1.11E+01	-4.84E-03	-2.15E-03	-2.75E-02	0.00E+00	5.24E-20	-6.87E-09	-5.63E-07	-4.92E-03	-5.44E+00	0.00E+00	0.00E+00	-9.55E+00	1.68E-19	-3.72E+00	0.00E+00	-1.60E-08	-9.48E-08	-8.00E-03	0.00E+00	-1.13E+00	0.00E+00	-3.72E+00	-1.41E-04	-3.72E+00	-4.85E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-4.13E+02
MCN400	-2.46E-02	5.81E-02	-6.04E-04	-2.70E-02	0.00E+00	0.00E+00	-3.67E+00	-1.93E-03	9.44E-04	-1.11E-02	0.00E+00	4.60E-20	-4.47E-09	-1.93E-07	-1.22E-02	-3.06E+00	0.00E+00	0.00E+00	-4.31E+00	1.53E-19	-2.00E+00	0.00E+00	-1.28E-09	-3.18E-08	-4.35E-03	0.00E+00	-7.71E-01	0.00E+00	-2.00E+00	-5.35E-05	-2.00E+00	-2.97E+00	-7.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.89E+02
MCN400E	-1.34E-02	-2.42E-02	1.10E-03	-6.24E-02	0.00E+00	0.00E+00	-2.32E+00	-1.05E-03	-9.42E-05	-5.03E-03	0.00E+00	4.60E-20	-2.86E-09	-1.33E-07	-1.45E-02	-1.80E+00	0.00E+00	0.00E+00	-2.91E+00	1.53E-19	-7.65E-01	0.00E+00	3.48E-09	-2.80E-08	-2.73E-03	0.00E+00	-5.13E-01	0.00E+00	-7.65E-01	-3.65E-05	-7.65E-01	-1.21E+00	-5.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
MCN401	-3.33E-02	-5.92E-02	-8.04E-04	-1.64E-01	0.00E+00	0.00E+00	-3.86E+00	-1.95E-03	1.16E-03	-1.71E-02	0.00E+00	4.60E-20	-5.12E-09	-2.10E-07	-1.20E-02	-3.13E+00	0.00E+00	0.00E+00	-4.68E+00	1.53E-19	-2.42E+00	0.00E+00	-2.13E-09	-4.62E-08	-5.88E-03	0.00E+00	-8.69E-01	0.00E+00	-2.42E+00	-6.86E-05	-2.42E+00	-3.35E+00	-8.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.05E+02
MCN401E	-2.76E-02	-5.70E-03	-8.59E-04	-1.12E-01	0.00E+00	0.00E+00	-3.79E+00	-1.95E-03	7.51E-04	-1.22E-02	0.00E+00	4.60E-20	-4.54E-09	-1.92E-07	-1.20E-02	-3.22E+00	0.00E+00	0.00E+00	-4.54E+00	1.53E-19	-2.01E+00	0.00E+00	-1.99E-09	-3.28E-08	-4.36E-03	0.00E+00	-8.06E-01	0.00E+00	-2.01E+00	-5.62E-05	-2.01E+00	-3.00E+00	-8.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
MCN402	-2.37E-02	-2.30E-02	-1.00E-03	-1.04E-01	0.00E+00	0.00E+00	-3.45E+00	-1.97E-03	9.18E-04	-1.12E-02	0.00E+00	4.60E-20	-4.56E-09	-1.89E-07	-8.05E-03	-3.10E+00	0.00E+00	0.00E+00	-4.04E+00	1.53E-19	-2.13E+00	0.00E+00	-2.15E-09	-3.31E-08	-4.42E-03	0.00E+00	-7.10E-01	0.00E+00	-2.13E+00	-5.11E-05	-2.13E+00	-3.04E+00	-7.10E-01	0.00E+00	0.00E+00	0.00E+00	-1.72E+02
MCN402E	-2.81E-02	-3.27E-02	-1.14E-03	-1.11E-01	0.00E+00	0.00E+00	-3.56E+00	-1.97E-03	6.79E-04	-1.21E-02	0.00E+00	4.60E-20	-4.59E-09	-1.85E-07	-8.11E-03	-3.28E+00	0.00E+00	0.00E+00	-4.18E+00	1.53E-19	-2.09E+00	0.00E+00	-2.06E-09	-3.32E-08	-4.40E-03	0.00E+00	-7.42E-01	0.00E+00	-2.09E+00	-5.47E-05	-2.09E+00	-2.99E+00	-7.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.78E+02
MCN403	-1.60E-02	-2.38E-02	-1.31E-03	-8.77E-02	0.00E+00	0.00E+00	-2.72E+00	-9.42E-04	4.49E-05	-7.00E-03	0.00E+00	4.60E-20	-4.25E-09	-1.21E-07	-9.48E-03	-2.96E+00	0.00E+00	0.00E+00	-3.19E+00	1.53E-19	-1.75E+00	0.00E+00	-2.53E-09	-3.14E-08	-2.89E-03	0.00E+00	-6.13E-01	0.00E+00	-1.75E+00	-3.70E-05	-1.75E+00	-2.49E+00	-6.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
MCN404	-2.26E-02	6.31E-02	-1.17E-03	-3.80E-02	0.00E+00	0.00E+00	-3.56E+00	-1.94E-03	9.64E-04	-1.08E-02	0.00E+00	4.60E-20	-4.94E-09	-2.00E-07	-1.14E-02	-3.07E+00	0.00E+00	0.00E+00	-4.12E+00	1.53E-19	-2.04E+00	0.00E+00	-9.08E-10	-3.16E-08	-4.08E-03	0.00E+00	-7.01E-01	0.00E+00	-2.04E+00	-5.17E-05	-2.04E+00	-3.01E+00	-7.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.78E+02
MCN404E	-2.81E-02	4.08E-02	-1.31E-03	-6.63E-02	0.00E+00	0.00E+00	-3.66E+00	-1.94E-03	6.96E-04	-1.19E-02	0.00E+00	4.60E-20	-4.98E-09	-2.01E-07	-1.14E-02	-3.25E+00	0.00E+00	0.00E+00	-4.30E+00	1.53E-19	-1.99E+00	0.00E+00	-8.49E-10	-3.30E-08	-4.31E-03	0.00E+00	-7.46E-01	0.00E+00	-1.99E+00	-5.54E-05	-1.99E+00	-2.96E+00	-7.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
MCN406	-7.23E-03	-1.56E-02	3.10E-03	-8.37E-04	0.00E+00	0.00E+00	-5.31E-01	-6.75E-04	1.60E-04	-3.27E-03	0.00E+00	4.60E-20	-2.09E-09	-9.54E-08	1.50E-03	-1.63E+00	0.00E+00	0.00E+00	-1.52E+00	1.53E-19	-3.82E-01	0.00E+00	3.48E-09	-2.32E-08	-1.80E-03	0.00E+00	-3.01E-01	0.00E+00	-3.82E-01	-2.33E-05	-3.82E-01	-6.63E-01	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-7.37E+01
MCN406A	-4.72E-03	1.79E-02	2.06E-03	8.10E-02	0.00E+00	0.00E+00	-6.71E-01	-8.35E-04	2.93E-05	-2.42E-03	0.00E+00	4.60E-20	-1.84E-09	-8.73E-08	2.00E-03	-1.13E+00	0.00E+00	0.00E+00	-1.35E+00	1.53E-19	-3.70E-01	0.00E+00	4.54E-09	-1.53E-08	-1.33E-03	0.00E+00	-2.61E-01	0.00E+00	-3.70E-01	-2.25E-05	-3.70E-01	-6.95E-01	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-6.63E+01

MCN410	-8.72E-03	-7.20E-02	9.32E-04	-7.95E-02	0.00E+00	0.00E+00	-3.77E-01	-8.62E-04	1.53E-04	-3.81E-03	0.00E+00	4.60E-20	-3.02E-09	-1.02E-07	-1.33E-03	-1.69E+00	0.00E+00	0.00E+00	-1.22E+00	1.53E-19	-6.19E-01	0.00E+00	4.83E-10	-2.84E-08	-1.96E-03	0.00E+00	-2.49E-01	0.00E+00	-6.19E-01	-2.24E-05	-6.19E-01	-9.75E-01	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	-5.55E+01
MCN410A	-4.04E-03	-5.24E-02	2.00E-03	-3.36E-02	0.00E+00	0.00E+00	-2.00E-01	-6.73E-04	-2.31E-05	-3.36E-03	0.00E+00	4.60E-20	-2.74E-09	-4.56E-08	2.10E-03	-1.08E+00	0.00E+00	0.00E+00	-1.07E+00	1.53E-19	-1.73E-01	0.00E+00	7.90E-10	-2.27E-08	-1.46E-03	0.00E+00	-2.04E-01	0.00E+00	-1.73E-01	-1.33E-05	-1.73E-01	-4.93E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-5.15E+01
MCN410E	-9.21E-03	-6.02E-02	1.26E-03	-6.67E-02	0.00E+00	0.00E+00	-5.32E-01	-9.03E-04	7.52E-05	-3.95E-03	0.00E+00	4.60E-20	-2.98E-09	-1.03E-07	-2.18E-03	-1.80E+00	0.00E+00	0.00E+00	-1.26E+00	1.53E-19	-4.02E-01	0.00E+00	3.10E-09	-2.55E-08	-1.60E-03	0.00E+00	-2.65E-01	0.00E+00	-4.02E-01	-2.10E-05	-4.02E-01	-7.60E-01	-2.65E-01	0.00E+00	0.00E+00	0.00E+00	-6.00E+01
MCN413	-8.13E-03	-6.11E-02	8.05E-04	-6.78E-02	0.00E+00	0.00E+00	-1.46E-01	-8.68E-04	1.69E-04	-3.32E-03	0.00E+00	4.60E-20	-2.92E-09	-1.01E-07	-1.17E-03	-1.63E+00	0.00E+00	0.00E+00	-1.04E+00	1.53E-19	-2.99E-01	0.00E+00	-4.15E-10	-2.78E-08	-1.86E-03	0.00E+00	-2.30E-01	0.00E+00	-2.99E-01	-2.13E-05	-2.99E-01	-6.16E-01	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-5.21E+01
MCN413E	-8.13E-03	-5.09E-02	7.58E-04	-7.28E-02	0.00E+00	0.00E+00	-1.04E-01	-8.68E-04	1.49E-04	-3.35E-03	0.00E+00	4.60E-20	-2.97E-09	-1.01E-07	-1.04E-03	-1.65E+00	0.00E+00	0.00E+00	-1.00E+00	1.53E-19	-2.13E-01	0.00E+00	-1.55E-10	-2.85E-08	-1.79E-03	0.00E+00	-2.28E-01	0.00E+00	-2.13E-01	-2.08E-05	-2.13E-01	-5.21E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-5.13E+01
MCN416	-3.13E-03	-4.52E-02	1.79E-03	-9.43E-02	0.00E+00	0.00E+00	9.79E-01	-6.13E-04	3.70E-04	-3.10E-03	0.00E+00	4.60E-20	-2.98E-09	-4.55E-08	2.59E-03	-1.56E+00	0.00E+00	0.00E+00	-3.10E-01	1.53E-19	6.62E-02	0.00E+00	2.76E-09	-2.69E-08	-1.52E-03	0.00E+00	-2.24E-01	0.00E+00	6.62E-02	-6.82E-06	6.62E-02	-6.72E-02	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
MCN416A	-2.11E-03	-2.56E-02	2.33E-03	-1.36E-02	0.00E+00	0.00E+00	4.33E-01	-6.22E-04	-1.82E-05	-3.18E-03	0.00E+00	4.60E-20	-2.58E-09	-1.90E-08	1.74E-03	-1.14E+00	0.00E+00	0.00E+00	-4.88E-01	1.53E-19	4.18E-01	0.00E+00	2.82E-09	-1.83E-08	-1.22E-03	0.00E+00	-1.89E-01	0.00E+00	4.18E-01	-1.08E-05	4.18E-01	1.86E-01	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.40E+01
MCN416E	1.14E-03	2.46E-02	7.85E-03	1.68E-02	0.00E+00	0.00E+00	2.27E+00	-2.07E-05	9.05E-04	4.37E-04	0.00E+00	9.38E-20	-5.33E-10	1.07E-08	-2.40E-02	-1.12E+00	0.00E+00	0.00E+00	3.62E-01	3.23E-19	1.36E+00	0.00E+00	1.70E-08	-9.09E-10	1.37E-05	0.00E+00	-2.28E-01	0.00E+00	1.36E+00	-1.24E-06	1.36E+00	1.14E+00	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	7.96E+00
MCN420	-7.53E-03	-2.16E-02	3.17E-03	-1.46E-02	0.00E+00	0.00E+00	8.42E-01	-9.42E-04	7.33E-04	-1.78E-04	0.00E+00	4.60E-20	-2.38E-09	-1.05E-07	-2.87E-03	-1.72E+00	0.00E+00	0.00E+00	-3.35E-01	1.53E-19	6.07E-01	0.00E+00	1.23E-08	-2.53E-08	-1.68E-03	0.00E+00	-1.44E-01	0.00E+00	6.07E-01	-2.32E-05	6.07E-01	5.83E-01	-1.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
MCN420A	-5.21E-03	-1.20E-02	4.04E-03	4.73E-02	0.00E+00	0.00E+00	4.40E-01	-9.33E-04	5.59E-06	-3.53E-03	0.00E+00	4.60E-20	-2.06E-09	-5.15E-08	-5.60E-04	-1.83E+00	0.00E+00	0.00E+00	-3.14E-01	1.53E-19	1.15E+00	0.00E+00	9.45E-09	-1.85E-08	-1.72E-03	0.00E+00	-1.33E-01	0.00E+00	1.15E+00	-1.46E-05	1.15E+00	8.37E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.59E+01
MCN420E	3.06E-03	5.71E-01	1.42E-02	5.56E-01	0.00E+00	0.00E+00	3.40E+00	5.77E-06	1.51E-03	4.99E-03	0.00E+00	1.80E-19	2.70E-10	1.78E-08	2.23E-02	7.07E-01	0.00E+00	0.00E+00	2.12E+00	6.25E-19	4.55E+00	0.00E+00	3.76E-08	1.72E-08	1.31E-03	0.00E+00	3.90E-01	0.00E+00	4.55E+00	3.57E-07	4.55E+00	4.94E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	7.19E+01
MCN425	-1.88E-02	-4.83E-02	4.41E-03	-5.18E-02	0.00E+00	0.00E+00	-1.93E+00	-2.37E-03	1.45E-04	-1.06E-02	0.00E+00	4.60E-20	-2.23E-09	-2.48E-07	-4.90E-03	-2.38E+00	0.00E+00	0.00E+00	-2.10E+00	1.53E-19	6.81E-01	0.00E+00	4.34E-09	-4.37E-08	-3.31E-03	0.00E+00	-2.42E-01	0.00E+00	6.81E-01	-6.16E-05	6.81E-01	1.99E-01	-2.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
MCN425A	-1.59E-02	3.25E-02	1.90E-03	1.24E-01	0.00E+00	0.00E+00	-2.22E+00	-1.97E-03	5.23E-04	-7.47E-03	0.00E+00	4.60E-20	-2.09E-09	-2.23E-07	-4.71E-03	-1.82E+00	0.00E+00	0.00E+00	-2.56E+00	1.53E-19	5.62E-01	0.00E+00	5.14E-09	-3.69E-08	-2.54E-03	0.00E+00	-2.93E-01	0.00E+00	5.62E-01	-5.28E-05	5.62E-01	1.41E-01	-2.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
MCN425E	2.39E-03	1.04E-01	1.14E-02	9.28E-02	0.00E+00	0.00E+00	2.74E+00	-1.94E-05	1.57E-03	1.21E-03	0.00E+00	1.19E-19	-1.20E-10	1.84E-08	1.52E-02	-1.25E+00	0.00E+00	0.00E+00	1.84E+00	3.87E-19	2.46E+00	0.00E+00	2.07E-08	5.24E-09	2.83E-04	0.00E+00	6.20E-02	0.00E+00	2.46E+00	-7.31E-07	2.46E+00	2.52E+00	6.20E-02	0.00E+00	0.00E+00	0.00E+00	6.51E+01
MCN432	-2.38E-02	-7.23E-03	1.48E-03	-1.22E-01	0.00E+00	0.00E+00	-7.45E+00	-4.89E-03	1.41E-03	-1.06E-02	0.00E+00	4.60E-20	-5.17E-09	-3.35E-07	-6.86E-03	-2.60E+00	0.00E+00	0.00E+00	-7.05E+00	1.53E-19	-2.63E+00	0.00E+00	3.63E-09	-3.81E-08	-4.35E-03	0.00E+00	-9.60E-01	0.00E+00	-2.63E+00	-8.20E-05	-2.63E+00	-3.59E+00	-9.60E-01	0.00E+00	0.00E+00	0.00E+00	-3.04E+02
MCN432A	-3.26E-02	-1.55E-01	-7.97E-04	-2.67E-01	0.00E+00	0.00E+00	-7.20E+00	-5.01E-03	8.49E-04	-1.31E-02	0.00E+00	4.60E-20	-5.34E-09	-4.01E-07	-3.72E-03	-3.04E+00	0.00E+00	0.00E+00	-6.40E+00	1.53E-19	-1.77E+00	0.00E+00	-2.25E-10	-5.42E-08	-4.97E-03	0.00E+00	-9.17E-01	0.00E+00	-1.77E+00	-9.57E-05	-1.77E+00	-2.91E+00	-9.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.88E+02
MCN432E	-5.25E-02	-7.52E-01	-1.53E-02	-7.36E-01	0.00E+00	0.00E+00	-1.33E+01	-5.13E-03	-2.53E-03	-3.21E-02	0.00E+00	4.35E-21	-9.20E-09	-5.99E-07	-5.11E-02	-6.81E+00	0.00E+00	0.00E+00	-1.26E+01	1.66E-20	-7.74E+00	0.00E+00	-3.53E-08	-1.23E-07	-9.69E-03	0.00E+00	-1.76E+00	0.00E+00	-7.74E+00	-1.55E-04	-7.74E+00	-9.50E+00	-1.76E+00	0.00E+00	0.00E+00	0.00E+00	-5.34E+02
MCN440	-1.85E-02	2.02E-02	1.31E-03	-1.40E-01	0.00E+00	0.00E+00	-4.11E+00	-5.00E-03	3.10E-04	-1.05E-02	0.00E+00	4.60E-20	-5.90E-09	-2.81E-07	-4.61E-03	-3.51E+00	0.00E+00	0.00E+00	-4.09E+00	1.53E-19	-4.89E-01	0.00E+00	6.04E-09	-4.91E-08	-4.75E-03	0.00E+00	-4.64E-01	0.00E+00	-4.89E-01	-8.11E-05	-4.89E-01	-9.46E-01	-4.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
MCN440A	-3.45E-02	-1.53E-01	-3.12E-04	-2.95E-01	0.00E+00	0.00E+00	-4.28E+00	-5.08E-03	5.11E-04	-2.38E-02	0.00E+00	4.60E-20	-6.48E-09	-3.84E-07	-3.60E-03	-3.53E+00	0.00E+00	0.00E+00	-4.29E+00	1.53E-19	-9.48E-02	0.00E+00	1.83E-09	-8.53E-08	-6.87E-03	0.00E+00	-5.54E-01	0.00E+00	-9.48E-02	-1.19E-04	-9.48E-02	-5.87E-01	-5.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+02
MCN440E	-4.98E-02	-2.32E-01	-3.01E-03	-2.29E-01	0.00E+00	0.00E+00	-1.02E+01	-5.03E-03	-2.09E-03	-2.69E-02	0.00E+00	1.09E-19	-5.82E-09	-5.84E-07	2.42E-03	-5.83E+00	0.00E+00	0.00E+00	-7.99E+00	3.42E-19	-1.55E+00	0.00E+00	-3.10E-09	-8.62E-08	-7.66E-03	0.00E+00	-1.00E+00	0.00E+00	-1.55E+00	-1.49E-04	-1.55E+00	-2.55E+00	-1.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.52E+02
MCN450	-6.26E-02	-1.76E-01	-8.82E-03	-3.61E-01	0.00E+00	0.00E+00	-9.71E+00	-6.28E-03	-2.84E-03	-3.46E-02	0.00E+00	4.60E-20	-8.54E-09	-7.04E-07	-6.14E-03	-6.73E+00	0.00E+00	0.00E+00	-8.80E+00	1.53E-19	-3.35E+00	0.00E+00	-1.11E-08	-1.21E-07	-1.03E-02	0.00E+00	-1.07E+00	0.00E+00	-3.35E+00	-1.72E-04	-3.35E+00	-4.55E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-3.79E+02
MCN450A	-6.24E-02	-3.85E-01	-1.03E-02	-2.99E-01	0.00E+00	0.00E+00	-8.91E+00	-6.34E-03	-2.82E-03	-3.45E-02	0.00E+00	4.60E-20	-8.60E-09	-7.04E-07	-7.93E-03	-7.16E+00	0.00E+00	0.00E+00	-7.81E+00	1.53E-19	-3.47E+00	0.00E+00	-1.02E-08	-1.19E-07	-1.03E-02	0.00E+00	-1.01E+00	0.00E+00	-3.47E+00	-1.75E-04	-3.47E+00	-4.53E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-3.38E+02
MCN450E	-6.33E-02	-1.90E-01	-8.97E-03	-3.77E-01	0.00E+00	0.00E+00	-9.55E+00	-6.29E-03	-2.85E-03	-3.55E-02	0.00E+00	4.60E-20	-8.54E-09	-7.04E-07	-6.18E-03	-6.79E+00	0.00E+00	0.00E+00	-8.68E+00	1.53E-19	-3.26E+00	0.00E+00	-1.14E-08	-1.21E-07	-1.03E-02	0.00E+00	-1.07E+00	0.00E+00	-3.26E+00	-1.72E-04	-3.26E+00	-4.45E+00	-1.07E+00	0.00E+00	0.00E+00	0.00E+00	-3.70E+02
MCN463	-6.26E-02	-1.84E-01	-8.63E-03	-3.39E-01	0.00E+00	0.00E+00	-8.61E+00	-6.25E-03	-2.75E-03	-3.36E-02	0.00E+00	4.60E-20	-8.58E-09	-7.04E-07	-2.23E-03	-6.50E+00	0.00E+00	0.00E+00	-7.78E+00	1.53E-19	-2.67E+00	0.00E+00	-9.72E-09	-1.17E-07	-9.84E-03	0.00E+00	-8.99E-01	0.00E+00	-2.67E+00	-1.72E-04	-2.67E+00	-3.65E+00	-8.99E-01	0.00E+00	0.00E+00	0.00E+00	-3.36E+02
MCN463A	-6.23E-02	-3.54E-01	-1.02E-02	-2.17E-01	0.00E+00	0.00E+00	-7.94E+00	-6.31E-03	-2.74E-03	-3.36E-02	0.00E+00	4.60E-20	-8.59E-09	-7.04E-07	-1.64E-03	-6.79E+00	0.00E+00	0.00E+00	-7.39E+00	1.53E-19	-3.28E+00	0.00E+00	-6.88E-09	-1.15E-07	-9.85E-03	0.00E+00	-8.39E-01	0.00E+00	-3.28E+00	-1.75E-04	-3.28E+00	-4.24E+00	-8.39E-01	0.00E+00	0.00E+00	0.00E+00	-3.22E+02
MCN463E	-6.32E-02	-1.96E-01	-8.77E-03	-3.39E-01	0.00E+00	0.00E+00	-8.91E+00	-6.25E-03	-2.75E-03	-3.41E-02	0.00E+00	4.60E-20	-8.58E-09	-7.04E-07	-2.14E-03	-6.50E+00	0.00E+00	0.00E+00	-8.22E+00	1.53E-19	-2.79E+00	0.00E+00	-9.72E-09	-1.17E-07	-9.84E-03	0.00E+00	-9.23E-01	0.00E+00	-2.79E+00	-1.72E-04	-2.79E+00	-3.74E+00	-9.23E-01	0.00E+00	0.00E+00	0.00E+00	-3.52E+02
MCN500	-4.49E-03	8.44E-02	2.43E-03	2.46E-02	0.00E+00	0.00E+00	-6.38E-01	-6.39E-04	2.61E-04	-2.44E-03	0.00E+00	4.60E-20	-1.35E-09	-4.75E-08	-1.19E-02	-1.34E+00	0.00E+00	0.00E+00	-1.05E+00	1.53E-19	-2.23E-01	0.00E+00	3.52E-09	-7.73E-09	-1.12E-03	0.00E+00	-2.10E-01	0.00E+00	-2.23E-01	-1.83E-05	-2.23E-01	-4.80E-01	-2.10E-01	0.00E+00	0.00E+00	0.00E+00	-4.43E+01
MCN501	-7.60E-03	-3.29E-03	2.00E-03	-5.39E-02	0.00E+00	0.00E+00	-7.92E-01	-8.00E-04	2.23E-04	-3.37E-03	0.00E+00	4.60E-20	-1.53E-09	-5.60E-08	-1.24E-02	-1.57E+00	0.00E+00	0.00E+00	-1.20E+00	1.53E-19	-3.22E-01	0.00E+00	2.55E-09	-1.10E-08	-1.54E-03	0.00E+00	-2.39E-01	0.00E+00	-3.22E-01	-1.93E-05	-3.22E-01	-6.65E-01	-2.39E-01	0.00E+00	0.00E+00	0.00E+00	-4.85E+01
MCN502	-8.83E-03	-2.46E-03	2.23E-03	-5.84E-02	0.00E+00	0.00E+00	-7.81E-01	-7.64E-04	1.71E-04	-3.34E-03	0.00E+00	4.60E-20	-1.82E-09	-5.55E-08	-9.81E-03	-1.56E+00	0.00E+00	0.00E+00	-1.19E+00	1.53E-19	-2.41E-01	0.00E+00	2.18E-09	-1.28E-08	-1.55E-03	0.00E+00	-2.74E-01	0.00E+00	-2.41E-01	-2.15E-05	-2.41E-01	-5.07E-01	-2.74E-01	0.00E+00	0.00E+00	0.00E+00	-5.22E+01
MCN503	-8.46E-03	8.36E-02	2.42E-03	4.53E-02	0.00E+00	0.00E+00	-7.67E-01	-8.46E-04	2.16E-04	-3.41E-03	0.00E+00	4.60E-20	-1.83E-09	-6.25E-08	-8.78E-03	-1.60E+00	0.00E+00	0.00E+00	-1.21E+00	1.53E-19	-1.89E-01	0.00E+00	3.65E-09	-1.64E-08	-1.30E-03	0.00E+00	-2.73E-01	0.00E+00	-1.89E-01	-2.48E-05	-1.89E-01	-4.11E-01	-2.73E-01	0.00E+00	0.00E+00	0.00E+00	-5.62E+01
MCN504	-8.49E-03	8.11E-02	2.17E-03	2.70E-02	0.00E+00	0.00E+00	-8.65E-01	-9.13E-04	2.45E-04	-3.55E-03	0.00E+00	4.60E-20	-1.90E-09	-7.25E-08	-1.19E-02	-1.65E+00	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	-3.30E-01	0.00E+00	3.65E-09	-1.65E-08	-1.33E-03	0.00E+00	-3.05E-01	0.00E+00	-3.30E-01	-2.10E-05	-3.30E-01	-6.28E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	-6.34E+01
MCN506	-1.50E-03	5.13E-02	2.85E-03	-1.83E-02	0.00E+00	0.00E+00	9.83E-02	-2.85E-04	2.03E-04	-4.42E-04	0.00E+00	4.60E-20	-9.66E-10	-6.71E-09	-7.06E-03	-7.51E-01	0.00E+00	0.00E+00	-5.30E-01	1.53E-19	1.37E-01	0.00E+00	5.96E-09	-5.33E-09	-3.67E-04	0.00E+00	-1.42E-01	0.00E+00	1.37E-01	-3.58E-06	1.37E-01	4.43E-02	-1.42E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
MCN506E	-4.66E-03	3.83E-02	2.83E-03	-1.00E-02	0.00E+00	0.00E+00	2.15E-02	-3.47E-04	2.02E-04	-1.48E-03	0.00E+00	4.60E-20	-1.03E-09	-2.27E-08	-7.04E-03	-8.14E-01	0.00E+00	0.00E+00	-5.95E-01	1.53E-19	7.85E-02	0.00E+00	5.79E-09	-8.98E-09	-4.89E-04	0.00E+00	-1.43E-01	0.00E+00	7.85E-02	-6.35E-06	7.85E-02	1.74E-03	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+01
MCN508E	-1.71E-03	4.19E-02	3.52E-03	2.57E-02	0.00E+00	0.00E+00	-5.64E-02	-2.88E-04	3.19E-04	-5.30E-04	0.00E+00	4.60E-20	-1.14E-09	-1.73E-08	-7.33E-03	-5.10E-01	0.00E+00	0.00E+00	-7.12E-01	1.53E-19	3.53E-03	0.00E+00	8.80E-09	-7.57E-09	-4.89E-04	0.00E+00	-1.29E-01	0.00E+00	3.53E-03	-5.32E-06	3.53E-03	-8.21E-02	-1.29E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
MCN510	-2.19E-03	4.59E-02	3.12E-03	6.42E-03	0.00E+00	0.00E+00	-1.47E-01	-4.13E-04	3.23E-04	-7.18E-04	0.00E+00	4.60E-20	-1.54E-09	-7.05E-09	-1.00E-02	-7.82E-01	0.00E+00	0.00E+00	-9.19E-01	1.53E-19	-1.74E-01	0.00E+00	5.66E-09	-1.01E-08	-7.52E-04	0.00E+00	-2.16E-01	0.00E+00	-1.74E-01	-4.63E-06	-1.74E-01	-2.60E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
MCN510E	-6.18E-03	-7.87E-02	-2.40E-03	-7.63E-02	0.00E+00	0.00E+00	-1.81E+00	-5.97E-04	-3.02E-04	-3.77E-03	0.00E+00	2.74E-20	-2.43E-09	-6.86E-08	-1.98E-02	-7.26E-01	0.00E+00	0.00E+00	-2.53E+00	1.05E-19	-2.10E+00	0.00E+00	-5.34E-09	-2.47E-08	-1.53E-03	0.00E+00	-3.40E-01	0.00E+00	-2.10E+00	-1.88E-05	-2.10E+00	-2.44E+00	-3.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MCN513	-2.12E-03	4.11E-02	2.70E-03	2.10E-02	0.00E+00	0.00E+00	7.13E-02	-3.09E-04	1.85E-04	-4.93E-04	0.00E+00	4.60E-20	-8.05E-10	-2.73E-08	-2.47E-03	-7.00E-01	0.00E+00	0.00E+00	-3.06E-01	1.53E-19	3.20E-01	0.00E+00	7.86E-09	-6.54E-09	-5.61E-04	0.00E+00	-1.01E-01	0.00E+00	3.20E-01	-9.13E-06	3.20E-01	2.06E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.75E+01
MCN513E	-2.32E-03	-9.04E-03	2.88E-03	2.71E-02	0.00E+00	0.00E+00	-3.27E-01	-3.04E-04	3.41E-04	-1.32E-03	0.00E+00	4.60E-20	-9.62E-10	-7.86E-09	-9.49E-03	-5.09E-01	0.00E+00	0.00E+00	-9.89E-01	1.53E-19	-4.65E-01	0.00E+00	5.92E-09	-6.19E-09	-7.16E-04	0.00E+00	-2.22E-01	0.00E+00	-4.65E-01	-5.68E-06	-4.65E-01	-6.49E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-4.83E+01
MCN516	-1.44E-03	-1.30E-02	2.62E-03	5.48E-02	0.00E+00	0.00E+00	-4.13E-01	-1.48E-04	3.57E-04	-9.98E-04	0.00E+00	4.60E-20	-9.62E-10	-5.38E-09	-5.48E-03	-5.59E-01	0.00E+00	0.00E+00	-1.08E+00	1.53E-19	-5.36E-01	0.00E+00	6.57E-09	-3.11E-09	-3.50E-04	0.00E+00	-2.23E-01	0.00E+00	-5.36E-01	-2.96E-06	-5.36E-01	-6.35E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-4.38E+01
MCN516E	1.14E-03	2.28E-01	5.94E-03	2.22E-01	0.00E+00	0.00E+00	1.32E+00	-9.90E-06	6.00E-04	1.94E-03	0.00E+00	8.08E-20	-7.31E-11	6.23E-09	9.14E-03	4.84E-02	0.00E+00	0.00E+00	8.68E-01	2.77E-19	1.63E+00	0.00E+00	1.47E-08	4.78E-09	4.24E-04	0.00E+00	1.29E-01	0.00E+00	1.63E+00	-2.68E-07	1.63E+00	1.76E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	2.96E+01
MCN520	-3.99E-03	-4.33E-02	3.24E-03	-2.06E-02	0.00E+00	0.00E+00	-5.40E-01	-2.42E-04	4.08E-04	-3.25E-03	0.00E+00	4.60E-20	-7.28E-10	-4.30E-08	-7.15E-03	-4.17E-01	0.00E+00	0.00E+00	-1.07E+00	1.53E-19	-4.16E-01	0.00E+00	1.00E-08	-1.50E-08	-1.16E-03	0.00E+00	-2.24E-01	0.00E+00	-4.16E-01	-1.42E-05	-4.16E-01	-5.10E-01	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	-4.50E+01
MCN520E	-9.49E-03	-2.76E-01	-3.56E-03	-2.72E-01	0.00E+00	0.00E+00	-2.57E+00	-9.10E-04	-4.53E-04	-6.84E-03	0.00E+00	6.18E-21	-2.66E-09	-1.04E-07	-2.21E-02	-1.97E+00	0.00E+00	0.00E+00	-2.97E+00	1.86E-20	-2.70E+00	0.00E+00	-1.11E-08	-3.23E-08	-2.29E-03	0.00E+00	-5.36E-01	0.00E+00	-2.70E+00	-2.77E-05	-2.70E+00	-3.23E+00	-5.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
MCN525	-2.22E-03	1.07E-01	3.94E-03	-1.07E-01	0.00E+00	0.00E+00	-1.97E-01	-2.29E-04	4.02E-04	-1.37E-04	0.00E+00	4.60E-20	-8.90E-10	-2.46E-08	-6.13E-03	-3.68E-01	0.00E+00	0.00E+00	-4.97E-01	1.53E-19	2.45E-01	0.00E+00	8.67E-09	-6.75E-09	-1.02E-03	0.00E+00	-9.56E-02	0.00E+00	2.45E-01	-5.56E-06	2.45E-01	2.68E-01	-9.56E-02	0.00E+00	0.00E+00	0.00E+00	-2.51E+01
MCN525E	1.71E-03	2.49E-01	7.09E-03	2.42E-01	0.00E+00	0.00E+00	1.48E+00	-9.66E-06	1.01E-03	2.13E-03	0.00E+00	8.37E-20	-4.40E-11	1.06E-08	9.89E-03	3.36E-01	0.00E+00	0.00E+00	1.03E+00	2.90E-19	1.81E+00	0.00E+00	1.63E-08	5.98E-09	5.00E-04	0.00E+00	1.88E-01	0.00E+00	1.81E+00	-2.88E-07	1.81E+00	2.00E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	3.56E+01
MCN532	-7.81E-03	6.04E-03	3.56E-03	7.04E-02	0.00E+00	0.00E+00	-4.95E-01	-8.26E-04	1.21E-03	-3.69E-03	0.00E+00	4.60E-20	-1.80E-09	-7.21E-08	-4.05E-03	-1.39E+00	0.00E+00	0.00E+00	-1.05E+00	1.53E-19	2.89E-01	0.00E+00	9.99E-09	-1.95E-08	-1.20E-03	0.00E+00	-2.89E-01	0.00E+00	2.89E-01	-2.05E-05	2.89E-01	1.68E-01	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-5.50E+01
MCN532E	-6.99E-04	5.86E-02	6.81E-03	5.18E-02	0.00E+00	0.00E+00	1.05E+00	-2.82E-04	1.38E-03	-6.56E-04	0.00E+00	5.56E-20	-1.82E-10	-1.61E-08	-1.02E-02	-8.25E-01	0.00E+00	0.00E+00	3.84E-01	1.96E-19	1.35E+00	0.00E+00	1.29E-08	8.17E-11	-1.00E-04	0.00E+00	-1.01E-01	0.00E+00	1.35E+00	-1.02E-05	1.35E+00	1.24E+00	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	1.03E+01
MCN540	-8.88E-03	1.18E-01	3.84E-03	1.68E-01	0.00E+00	0.00E+00	-4.51E-01	-5.54E-04	4.08E-04	-3.32E-03	0.00E+00	4.60E-20	-2.10E-09	-6.14E-08	8.34E-04	-1.31E+00	0.00E+00	0.00E+00	-9.85E-01	1.53E-19	4.89E-01	0.00E+00	8.51E-09	-1.52E-08	-9.91E-04	0.00E+00	-2.01E-01	0.00E+00	4.89E-01	-1.63E-05	4.89E-01	4.10E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-5.11E+01
MCN540E	-1.37E-03	7.14E-02	3.11E-03	6.83E-02	0.00E+00	0.00E+00	-2.99E-01	-3.31E-04	1.34E-03	-1.05E-03	0.00E+00	4.81E-20	-1.66E-09	-2.26E-08	-1.52E-02	-6.98E-01	0.00E+00	0.00E+00	-1.20E+00	1.84E-19	-6.62E-01	0.00E+00	4.46E-09	-1.25E-08	-5.98E-04	0.00E+00	-2.30E-01	0.00E+00	-6.62E-01	-1.30E-05	-6.62E-01	-8.91E-01	-2.30E-01	0.00E+00	0.00E+00	0.00E+00	-5.30E+01
MCN550	-5.59E-03	-2.80E-02	-3.39E-03	-2.53E-02	0.00E+00	0.00E+00	-8.92E-01	-7.11E-04	1.03E-03	-7.18E-04	0.00E+00	4.60E-20	-1.21E-09	-4.09E-08	-5.20E-03	-2.11E+00	0.00E+00	0.00E+00	-1.13E+00	1.53E-19	-6.32E-01	0.00E+00	-1.89E-09	-1.28E-08	-1.22E-03	0.00E+00	-4.18E-01	0.00E+00	-6.32E-01	-1.88E-05	-6.32E-01	-1.01E+00	-4.18E-01	0.00E+00	0.00E+00	0.00E+00	-5.62E+01
MCN550E	-4.89E-03	1.65E-02	-2.28E-03	1.32E-02	0.00E+00	0.00E+00	-7.94E-01	-7.23E-04	1.03E-03	-5.41E-04	0.00E+00	4.60E-20	-5.52E-10	-3.29E-08	-5.56E-03	-1.14E+00	0.00E+00	0.00E+00	-8.65E-01	1.53E-19	2.10E-01	0.00E+00	2.60E-09	-8.69E-09	-1.15E-03	0.00E+00	-2.19E-01	0.00E+00	2.10E-01	-1.92E-05	2.10E-01	-2.51E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-4.33E+01
MCN563	-7.97E-03	1.41E-04	-3.80E-03	-6.57E-03	0.00E+00	0.00E+00	-1.20E+00	-9.25E-04	9.32E-04	-1.35E-03	0.00E+00	4.60E-20	-1.45E-09	-6.50E-08	-2.76E-03	-2.00E+00	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	-1.07E+00	0.00E+00	-3.48E-09	-2.02E-08	-1.65E-03	0.00E+00	-3.67E-01	0.00E+00	-1.07E+00	-2.37E-05	-1.07E+00	-1.61E+00	-3.67E-01	0.00E+00	0.00E+00	0.00E+00	-7.32E+01
MCN563E	-3.03E-03	6.13E-02	-2.79E-03	4.04E-02	0.00E+00	0.00E+00	-9.39E-01	-7.07E-04	9.56E-04	1.49E-04	0.00E+00	4.60E-20	-6.51E-10	-4.63E-08	-3.51E-03	-8.70E-01	0.00E+00	0.00E+00	-9.40E-01	1.53E-19	3.51E-01	0.00E+00	3.24E-09	-7.25E-09	-1.08E-03	0.00E+00	-1.57E-01	0.00E+00	3.51E-01	-1.58E-05	3.51E-01	-6.79E-02	-1.57E-01	0.00E+00	0.00E+00	0.00E+00	-5.11E+01
MCN600	-2.32E-02	2.00E-01	1.59E-03	1.46E-01	0.00E+00	0.00E+00	-3.75E+00	-1.82E-03	8.67E-04	-1.00E-02	0.00E+00	4.60E-20	-4.33E-09	-1.97E-07	-1.41E-02	-2.96E+00	0.00E+00	0.00E+00	-4.33E+00	1.53E-19	-1.39E+00	0.00E+00	2.62E-09	-2.72E-08	-3.64E-03	0.00E+00	-7.66E-01	0.00E+00	-1.39E+00	-5.58E-05	-1.39E+00	-2.08E+00	-7.66E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
MCN601	-2.48E-02	1.20E-01	1.94E-05	5.52E-02	0.00E+00	0.00E+00	-3.88E+00	-1.92E-03	-1.96E-04	-1.07E-02	0.00E+00	4.60E-20	-4.54E-09	-2.11E-07	-1.39E-02	-3.07E+00	0.00E+00	0.00E+00	-4.37E+00	1.53E-19	-1.48E+00	0.00E+00	1.86E-09	-2.90E-08	-3.66E-03	0.00E+00	-7.61E-01	0.00E+00	-1.48E+00	-5.69E-05	-1.48E+00	-2.28E+00	-7.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.90E+02
MCN602	-2.30E-02	9.45E-02	3.32E-04	-5.06E-04	0.00E+00	0.00E+00	-3.46E+00	-1.92E-03	1.02E-03	-9.95E-03	0.00E+00	4.60E-20	-4.41E-09	-1.92E-07	-9.12E-03	-3.02E+00	0.00E+00	0.00E+00	-4.00E+00	1.53E-19	-1.52E+00	0.00E+00	1.22E-09	-2.95E-08	-3.87E-03	0.00E+00	-7.07E-01	0.00E+00	-1.52E+00	-5.13E-05	-1.52E+00	-2.13E+00	-7.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+02
MCN603	-2.27E-02	1.58E-01	4.80E-05	7.81E-02	0.00E+00	0.00E+00	-3.60E+00	-1.81E-03	-1.08E-04	-1.02E-02	0.00E+00	4.60E-20	-4.53E-09	-1.87E-07	-7.44E-03	-3.10E+00	0.00E+00	0.00E+00	-4.11E+00	1.53E-19	-1.65E+00	0.00E+00	1.82E-09	-2.91E-08	-3.74E-03	0.00E+00	-7.12E-01	0.00E+00	-1.65E+00	-5.52E-05	-1.65E+00	-2.41E+00	-7.12E-01	0.00E+00	0.00E+00	0.00E+00	-1.74E+02
MCN604	-2.81E-02	1.45E-01	3.80E-04	5.24E-02	0.00E+00	0.00E+00	-3.89E+00	-1.92E-03	8.84E-04	-1.08E-02	0.00E+00	4.60E-20	-4.37E-09	-2.18E-07	-1.21E-02	-3.16E+00	0.00E+00	0.00E+00	-4.26E+00	1.53E-19	-1.36E+00	0.00E+00	2.07E-09	-2.75E-08	-3.61E-03	0.00E+00	-7.27E-01	0.00E+00	-1.36E+00	-5.78E-05	-1.36E+00	-1.92E+00	-7.27E-01	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
MCN606	-8.73E-03	1.11E-01	4.40E-03	1.20E-01	0.00E+00	0.00E+00	-3.33E-01	-9.23E-04	7.85E-06	-3.44E-03	0.00E+00	4.60E-20	-1.45E-09	-1.02E-07	-5.07E-03	-1.80E+00	0.00E+00	0.00E+00	-1.16E+00	1.53E-19	2.18E-01	0.00E+00	1.12E-08	-1.60E-08	-1.33E-03	0.00E+00	-3.05E-01	0.00E+00	2.18E-01	-2.63E-05	2.18E-01	1.59E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	-5.49E+01
MCN606E	-9.28E-03	1.33E-01	4.26E-03	1.10E-01	0.00E+00	0.00E+00	-2.50E-01	-9.90E-04	-4.76E-05	-3.28E-03	0.00E+00	4.60E-20	-1.54E-09	-1.04E-07	-6.20E-03	-1.78E+00	0.00E+00	0.00E+00	-1.16E+00	1.53E-19	2.00E-01	0.00E+00	1.00E-08	-1.81E-08	-1.49E-03	0.00E+00	-3.16E-01	0.00E+00	2.00E-01	-2.54E-05	2.00E-01	1.28E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-5.25E+01
MCN610	-1.05E-02	1.08E-02	2.47E-03	-2.81E-03	0.00E+00	0.00E+00	-6.42E-01	-1.09E-03	-3.81E-05	-3.60E-03	0.00E+00	4.60E-20	-1.79E-09	-1.28E-07	-5.21E-03	-2.07E+00	0.00E+00	0.00E+00	-1.43E+00	1.53E-19	-2.54E-01	0.00E+00	8.11E-09	-1.76E-08	-1.52E-03	0.00E+00	-3.41E-01	0.00E+00	-2.54E-01	-3.13E-05	-2.54E-01	-3.23E-01	-3.41E-01	0.00E+00	0.00E+00	0.00E+00	-6.73E+01
MCN610E	2.62E-03	5.71E-01	1.40E-02	5.57E-01	0.00E+00	0.00E+00	3.32E+00	6.27E-06	1.11E-03	5.02E-03	0.00E+00	1.83E-19	5.96E-10	1.41E-08	2.19E-02	1.64E-01	0.00E+00	0.00E+00	2.52E+00	6.24E-19	4.55E+00	0.00E+00	3.66E-08	1.74E-08	1.31E-03	0.00E+00	3.45E-01	0.00E+00	4.55E+00	9.66E-07	4.55E+00	4.89E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	9.02E+01
MCN613	-1.48E-02	-1.07E-01	-3.86E-03	-1.04E-01	0.00E+00	0.00E+00	-4.17E+00	-1.48E-03	-6.73E-04	-8.55E-03	0.00E+00	7.67E-20	-4.93E-09	-1.70E-07	-1.63E-03	-1.52E+00	0.00E+00	0.00E+00	-4.53E+00	2.61E-19	-3.54E+00	0.00E+00	-9.60E-09	-4.99E-08	-3.32E-03	0.00E+00	-4.39E-01	0.00E+00	-3.54E+00	-4.55E-05	-3.54E+00	-3.98E+00	-4.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
MCN613E	-1.14E-02	-7.88E-02	-7.17E-04	-1.28E-01	0.00E+00	0.00E+00	-1.53E+00	-1.33E-03	-2.50E-04	-4.74E-03	0.00E+00	4.60E-20	-3.54E-09	-1.33E-07	-5.10E-03	-2.08E+00	0.00E+00	0.00E+00	-2.27E+00	1.53E-19	-1.71E+00	0.00E+00	-3.44E-10	-3.64E-08	-2.32E-03	0.00E+00	-4.38E-01	0.00E+00	-1.71E+00	-3.60E-05	-1.71E+00	-2.08E+00	-4.38E-01	0.00E+00	0.00E+00	0.00E+00	-9.94E+01
MCN616	-7.84E-05	-2.24E-01	2.01E-03	-2.26E-01	0.00E+00	0.00E+00	1.86E-01	-9.51E-05	6.84E-04	-2.18E-03	0.00E+00	5.69E-20	-2.49E-09	1.40E-09	2.98E-03	-1.50E+00	0.00E+00	0.00E+00	-8.92E-01	1.78E-19	-1.64E+00	0.00E+00	-2.72E-09	-1.96E-08	-1.15E-03	0.00E+00	-2.46E-01	0.00E+00	-1.64E+00	-4.95E-06	-1.64E+00	-1.88E+00	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-4.14E+01
MCN616E	-1.19E-03	-4.47E-01	-2.58E-03	-4.44E-01	0.00E+00	0.00E+00	-7.82E-01	-1.22E-04	5.07E-04	-4.21E-03	0.00E+00	1.07E-20	-3.54E-09	-3.35E-09	-3.99E-02	-2.95E+00	0.00E+00	0.00E+00	-2.92E+00	4.12E-20	-4.13E+00	0.00E+00	-1.46E-08	-3.42E-08	-1.89E-03	0.00E+00	-8.20E-01	0.00E+00	-4.13E+00	-7.02E-06	-4.13E+00	-4.95E+00	-8.20E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
MCN620	-1.82E-02	-9.92E-02	2.54E-03	-1.02E-01	0.00E+00	0.00E+00	-2.63E+00	-1.86E-03	-7.59E-04	-9.87E-03	0.00E+00	1.02E-19	-2.56E-09	-2.13E-07	7.50E-03	-3.74E+00	0.00E+00	0.00E+00	-2.48E+00	3.21E-19	6.41E-02	0.00E+00	5.77E-09	-3.41E-08	-2.96E-03	0.00E+00	-5.18E-01	0.00E+00	6.41E-02	-5.49E-05	6.41E-02	-4.54E-01	-5.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MCN620E	-1.80E-02	-1.19E-01	-4.12E-03	-1.14E-01	0.00E+00	0.00E+00	-4.92E+00	-1.82E-03	-7.16E-04	-1.03E-02	0.00E+00	7.85E-20	-5.27E-09	-2.08E-07	-1.90E-03	-1.77E+00	0.00E+00	0.00E+00	-5.08E+00	2.68E-19	-3.66E+00	0.00E+00	-1.00E-08	-5.52E-08	-3.80E-03	0.00E+00	-4.91E-01	0.00E+00	-3.66E+00	-5.51E-05	-3.66E+00	-4.15E+00	-4.91E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+02
MCN625	1.71E-03	4.82E-01	1.34E-02	4.69E-01	0.00E+00	0.00E+00	2.56E+00	-1.62E-04	1.76E-03	3.38E-03	0.00E+00	1.68E-19	-2.62E-10	2.18E-09	1.91E-02	4.93E-01	0.00E+00	0.00E+00	1.75E+00	5.78E-19	3.43E+00	0.00E+00	3.12E-08	8.77E-09	7.36E-04	0.00E+00	3.37E-01	0.00E+00	3.43E+00	-5.70E-06	3.43E+00	3.77E+00	3.37E-01	0.00E+00	0.00E+00	0.00E+00	5.86E+01
MCN625E	-2.39E-02	-5.25E-02	3.45E-03	-5.59E-02	0.00E+00	0.00E+00	-3.33E+00	-2.44E-03	-9.53E-04	-1.24E-02	0.00E+00	1.10E-19	-2.59E-09	-2.80E-07	-2.69E-02	-2.90E+00	0.00E+00	0.00E+00	-3.40E+00	3.65E-19	4.40E-01	0.00E+00	1.09E-08	-3.93E-08	-3.53E-03	0.00E+00	-5.79E-01	0.00E+00	4.40E-01	-7.07E-05	4.40E-01	-1.39E-01	-5.79E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MCN632	4.14E-03	3.03E-01	1.12E-02	2.91E-01	0.00E+00	0.00E+00	1.26E+00	-9.02E-05	3.41E-03	2.25E-03	0.00E+00	1.29E-19	-2.09E-09	2.80E-08	1.13E-02	-4.84E-01	0.00E+00	0.00E+00	3.56E-01	4.58E-19	5.47E-01	0.00E+00	1.75E-08	-6.42E-09	7.52E-05	0.00E+00	4.03E-02	0.00E+00	5.47E-01	-4.67E-06	5.47E-01	5.87E-01	4.03E-02	0.00E+00	0.00E+00	0.00E+00	5.19E+00
MCN632E	-4.30E-02	2.32E-01	7.68E-04	2.31E-01	0.00E+00	0.00E+00	-8.50E+00	-4.46E-03	-1.19E-03	-2.04E-02	0.00E+00	1.53E-19	-5.41E-09	-5.13E-07	-2.80E-02	-3.71E+00	0.00E+00	0.00E+00	-7.73E+00	5.51E-19	-4.17E-01	0.00E+00	1.30E-08	-7.20E-08	-6.01E-03	0.00E+00	-8.74E-01	0.00E+00	-4.17E-01	-1.29E-04	-4.17E-01	-1.29E+00	-8.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.41E+02
MCN640	-2.19E-03	2.42E-01	8.66E-03	2.33E-01	0.00E+00	0.00E+00	-3.48E-01	-6.60E-04	2.75E-03	-1.23E-03	0.00E+00	1.25E-19	-2.81E-09	-4.38E-08	8.81E-03	-1.07E+00	0.00E+00	0.00E+00	-8.89E-01	4.39E-19	-1.90E-01	0.00E+00	1.26E-08	-1.85E-08	-9.34E-04	0.00E+00	-1.01E-01	0.00E+00	-1.90E-01	-2.52E-05	-1.90E-01	-2.92E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-4.68E+01
MCN640E	-8.93E-04	5.07E-01	1.53E-02	4.92E-01	0.00E+00	0.00E+00	1.76E+00	-5.89E-04	2.99E-03	1.51E-03	0.00E+00	1.68E-19	-7.03E-10	-3.44E-08	-1.78E-02	-4.46E-01	0.00E+00	0.00E+00	7.97E-01	5.99E-19	2.93E+00	0.00E+00	3.29E-08	9.20E-10	2.51E-04	0.00E+00	-7.91E-03	0.00E+00	2.93E+00	-2.12E-05	2.93E+00	2.92E+00	-7.91E-03	0.00E+00	0.00E+00	0.00E+00	2.14E+01
MCN650	-6.34E-02	-3.10E-01	-8.11E-03	-3.83E-01	0.00E+00	0.00E+00	-9.70E+00	-6.01E-03	-2.65E-03	-3.69E-02	0.00E+00	4.60E-20	-8.96E-09	-7.35E-07	-7.16E-03	-7.12E+00	0.00E+00	0.00E+00	-8.57E+00	1.53E-19	-3.23E+00	0.00E+00	-1.96E-08	-1.29E-07	-1.07E-02	0.00E+00	-1.11E+00	0.00E+00	-3.23E+00	-1.83E-04	-3.23E+00	-4.37E+00	-1.11E+00	0.00E+00	0.00E+00	0.00E+00	-3.75E+02
MCN650E	-6.45E-02	-6.56E-01	-1.36E-02	-6.42E-01	0.00E+00	0.00E+00	-1.55E+01	-6.40E-03	-2.94E-03	-3.75E-02	0.00E+00	4.63E-20	-9.89E-09	-7.46E-07	-1.08E-02	-7.90E+00	0.00E+00	0.00E+00	-1.34E+01	1.44E-19	-6.40E+00	0.00E+00	-2.98E-08	-1.34E-07	-1.11E-02	0.00E+00	-1.68E+00	0.00E+00	-6.40E+00	-1.87E-04	-6.40E+00	-8.07E+00	-1.68E+00	0.00E+00	0.00E+00	0.00E+00	-5.76E+02
MCN663	-6.40E-02	-3.61E-01	-9.02E-03	-4.43E-01	0.00E+00	0.00E+00	-9.59E+00	-6.39E-03	-2.82E-03	-3.54E-02	0.00E+00	4.60E-20	-9.03E-09	-7.37E-07	-7.76E-03	-7.14E+00	0.00E+00	0.00E+00	-8.55E+00	1.53E-19	-2.80E+00	0.00E+00	-1.88E-08	-1.29E-07	-1.06E-02	0.00E+00	-9.73E-01	0.00E+00	-2.80E+00	-1.84E-04	-2.80E+00	-3.61E+00	-9.73E-01	0.00E+00	0.00E+00	0.00E+00	-3.72E+02
MCN663E	6.17E-03	4.99E-01	1.80E-02	4.81E-01	0.00E+00	0.00E+00	2.86E+00	-5.77E-05	4.43E-03	4.18E-03	0.00E+00	1.73E-19	-1.05E-09	4.18E-08	1.92E-02	7.30E-01	0.00E+00	0.00E+00	2.06E+00	6.05E-19	2.98E+00	0.00E+00	3.25E-08	7.54E-09	8.58E-04	0.00E+00	3.93E-01	0.00E+00	2.98E+00	-2.75E-06	2.98E+00	3.37E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	7.11E+01
MCS006C	-2.72E-04	-9.26E-02	-5.68E-04	-9.20E-02	0.00E+00	0.00E+00	-1.85E-01	-2.79E-05	9.11E-05	-9.03E-04	0.00E+00	2.50E-21	-7.93E-10	-1.01E-09	-6.09E-03	-3.74E-01	0.00E+00	0.00E+00	-5.97E-01	9.61E-21	-8.71E-01	0.00E+00	-3.14E-09	-7.30E-09	-4.16E-04	0.00E+00	-1.23E-01	0.00E+00	-8.71E-01	-1.56E-06	-8.71E-01	-9.94E-01	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
MCS010C	-1.11E-03	1.80E-04	9.21E-04	-9.74E-03	0.00E+00	0.00E+00	-1.89E-01	-8.25E-05	8.92E-05	-7.83E-04	0.00E+00	4.60E-20	-1.04E-09	-7.62E-09	-1.01E-03	-6.46E-01	0.00E+00	0.00E+00	-4.64E-01	1.53E-19	-1.32E-01	0.00E+00	8.81E-10	-6.87E-09	-4.17E-04	0.00E+00	-1.40E-01	0.00E+00	-1.32E-01	-2.55E-06	-1.32E-01	-2.13E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-2.21E+01
MCS013C	-1.37E-04	-8.42E-02	-1.10E-04	-8.41E-02	0.00E+00	0.00E+00	-1.25E-01	-2.75E-05	1.50E-04	-7.88E-04	0.00E+00	7.70E-21	-7.26E-10	-2.94E-10	-4.15E-04	-7.77E-01	0.00E+00	0.00E+00	-3.79E-01	2.25E-20	-7.13E-01	0.00E+00	-2.63E-09	-6.58E-09	-3.78E-04	0.00E+00	-1.37E-01	0.00E+00	-7.13E-01	-1.47E-06	-7.13E-01	-8.50E-01	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+01
MCS016C	-5.49E-05	-1.15E-02	4.54E-05	-1.15E-02	0.00E+00	0.00E+00	-1.22E-01	-2.78E-05	1.95E-04	-2.38E-04	0.00E+00	1.47E-20	-8.04E-10	-3.84E-10	-5.14E-03	-6.01E-01	0.00E+00	0.00E+00	-5.78E-01	5.62E-20	-6.56E-01	0.00E+00	-7.88E-10	-6.30E-09	-2.63E-04	0.00E+00	-1.51E-01	0.00E+00	-6.56E-01	-1.59E-06	-6.56E-01	-8.07E-01	-1.51E-01	0.00E+00	0.00E+00	0.00E+00	-2.46E+01

MCS020C	-2.36E-03	-5.63E-04	7.16E-04	-1.52E-02	0.00E+00	0.00E+00	-1.86E-01	-1.34E-04	8.37E-05	-1.41E-03	0.00E+00	4.60E-20	-7.55E-10	-2.33E-08	5.68E-05	-4.62E-01	0.00E+00	0.00E+00	-3.04E-01	1.53E-19	-1.07E-01	0.00E+00	2.15E-09	-6.70E-09	-6.20E-04	0.00E+00	-8.25E-02	0.00E+00	-1.07E-01	-7.47E-06	-1.07E-01	-2.42E-01	-8.25E-02	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
MCS106	7.69E-04	1.47E-01	3.43E-03	1.43E-01	0.00E+00	0.00E+00	7.60E-01	1.39E-06	3.75E-04	1.28E-03	0.00E+00	4.14E-20	1.39E-10	4.42E-09	5.00E-03	2.10E-01	0.00E+00	0.00E+00	5.89E-01	1.45E-19	1.07E+00	0.00E+00	8.88E-09	4.39E-09	3.36E-04	0.00E+00	1.05E-01	0.00E+00	1.07E+00	2.06E-07	1.07E+00	1.18E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MCS110	-2.81E-04	3.67E-02	2.17E-03	3.45E-02	0.00E+00	0.00E+00	4.55E-01	-6.68E-05	1.66E-04	4.95E-05	0.00E+00	2.33E-20	1.49E-11	-5.13E-09	3.14E-03	-2.15E-01	0.00E+00	0.00E+00	3.15E-01	8.01E-20	6.48E-01	0.00E+00	5.02E-09	1.11E-09	2.35E-05	0.00E+00	2.06E-02	0.00E+00	6.48E-01	-2.30E-06	6.48E-01	6.69E-01	2.06E-02	0.00E+00	0.00E+00	0.00E+00	1.04E+01
MCS113	-2.82E-03	-7.46E-04	-5.46E-04	-2.01E-04	0.00E+00	0.00E+00	-7.89E-01	-2.92E-04	-7.09E-05	-1.49E-03	0.00E+00	1.33E-20	-8.94E-10	-3.30E-08	-3.61E-04	-6.26E-01	0.00E+00	0.00E+00	-8.48E-01	5.11E-20	-5.92E-01	0.00E+00	-1.18E-09	-9.08E-09	-5.84E-04	0.00E+00	-1.30E-01	0.00E+00	-5.92E-01	-8.90E-06	-5.92E-01	-7.21E-01	-1.30E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
MCS116	-1.18E-04	1.24E-01	2.55E-03	1.21E-01	0.00E+00	0.00E+00	4.32E-01	-6.69E-05	2.22E-04	7.20E-04	0.00E+00	3.38E-20	2.77E-11	-5.12E-09	3.80E-03	4.70E-02	0.00E+00	0.00E+00	3.42E-01	1.20E-19	8.35E-01	0.00E+00	7.08E-09	2.32E-09	1.76E-04	0.00E+00	6.27E-02	0.00E+00	8.35E-01	-2.26E-06	8.35E-01	8.98E-01	6.27E-02	0.00E+00	0.00E+00	0.00E+00	1.13E+01
MCS120	6.82E-04	2.27E-02	2.62E-03	2.00E-02	0.00E+00	0.00E+00	6.41E-01	-2.49E-06	4.66E-04	3.06E-04	0.00E+00	2.45E-20	-5.58E-11	5.33E-09	3.34E-03	-6.04E-01	0.00E+00	0.00E+00	3.39E-01	8.34E-20	5.76E-01	0.00E+00	4.90E-09	1.30E-09	8.90E-05	0.00E+00	-4.00E-02	0.00E+00	5.76E-01	-2.20E-07	5.76E-01	5.36E-01	-4.00E-02	0.00E+00	0.00E+00	0.00E+00	1.12E+01
MCS120W	-1.80E-03	2.66E-02	2.06E-03	1.58E-02	0.00E+00	0.00E+00	-2.01E-01	-1.90E-04	1.46E-04	-9.26E-04	0.00E+00	4.60E-20	-3.75E-10	-2.00E-08	2.22E-03	-4.48E-01	0.00E+00	0.00E+00	-1.40E-01	1.53E-19	4.28E-02	0.00E+00	3.43E-09	-4.24E-09	-2.99E-04	0.00E+00	-3.77E-02	0.00E+00	4.28E-02	-5.55E-06	4.28E-02	3.08E-02	-3.77E-02	0.00E+00	0.00E+00	0.00E+00	-5.64E+00
MCS125	6.24E-04	4.06E-02	2.14E-03	3.84E-02	0.00E+00	0.00E+00	2.84E-01	-2.15E-05	5.59E-04	2.84E-04	0.00E+00	2.80E-20	-5.16E-10	4.20E-09	2.26E-03	-4.39E-01	0.00E+00	0.00E+00	3.41E-02	9.76E-20	2.23E-02	0.00E+00	3.04E-09	-2.45E-09	-5.83E-05	0.00E+00	-4.16E-02	0.00E+00	2.23E-02	-1.11E-06	2.23E-02	-1.93E-02	-4.16E-02	0.00E+00	0.00E+00	0.00E+00	-7.44E-01
MCS132	-2.22E-02	-1.99E-01	-4.07E-03	-1.95E-01	0.00E+00	0.00E+00	-3.65E+00	-1.41E-03	-6.89E-04	-8.72E-03	0.00E+00	0.00E+00	-2.47E-09	-1.64E-07	-9.42E-03	-1.87E+00	0.00E+00	0.00E+00	-3.35E+00	0.00E+00	-2.04E+00	0.00E+00	-9.75E-09	-3.31E-08	-2.63E-03	0.00E+00	-4.53E-01	0.00E+00	-2.04E+00	-4.14E-05	-2.04E+00	-2.49E+00	-4.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
MCS140	-1.35E-02	3.34E-02	-6.96E-04	3.41E-02	0.00E+00	0.00E+00	-2.83E+00	-1.38E-03	-5.12E-04	-6.64E-03	0.00E+00	3.68E-20	-1.71E-09	-1.60E-07	-4.19E-03	-1.55E+00	0.00E+00	0.00E+00	-2.46E+00	1.32E-19	-3.72E-01	0.00E+00	1.29E-09	-2.34E-08	-1.95E-03	0.00E+00	-3.13E-01	0.00E+00	-3.72E-01	-3.99E-05	-3.72E-01	-6.85E-01	-3.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
MCS150	-2.57E-02	-2.20E-01	-4.59E-03	-2.16E-01	0.00E+00	0.00E+00	-4.21E+00	-1.63E-03	-7.91E-04	-1.00E-02	0.00E+00	0.00E+00	-2.79E-09	-1.90E-07	-9.96E-03	-2.06E+00	0.00E+00	0.00E+00	-3.81E+00	0.00E+00	-2.27E+00	0.00E+00	-1.09E-08	-3.77E-08	-3.01E-03	0.00E+00	-4.99E-01	0.00E+00	-2.27E+00	-4.78E-05	-2.27E+00	-2.77E+00	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
MCS163	-2.60E-02	-2.23E-01	-4.69E-03	-2.19E-01	0.00E+00	0.00E+00	-4.26E+00	-1.65E-03	-8.00E-04	-1.01E-02	0.00E+00	0.00E+00	-2.84E-09	-1.92E-07	-1.00E-02	-2.08E+00	0.00E+00	0.00E+00	-3.88E+00	0.00E+00	-2.31E+00	0.00E+00	-1.11E-08	-3.82E-08	-3.04E-03	0.00E+00	-5.06E-01	0.00E+00	-2.31E+00	-4.84E-05	-2.31E+00	-2.81E+00	-5.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
MCS206C	-5.04E-03	1.89E-02	1.79E-03	1.98E-02	0.00E+00	0.00E+00	-1.75E-01	-4.06E-04	1.02E-04	-2.07E-03	0.00E+00	4.60E-20	-1.20E-09	-4.48E-08	-4.51E-03	-8.13E-01	0.00E+00	0.00E+00	-7.29E-01	1.53E-19	6.86E-03	0.00E+00	1.98E-09	-1.13E-08	-7.95E-04	0.00E+00	-1.53E-01	0.00E+00	6.86E-03	-1.10E-05	6.86E-03	-4.09E-02	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.39E+01
MCS206E	-5.99E-03	2.75E-02	2.18E-03	3.28E-02	0.00E+00	0.00E+00	-5.88E-02	-4.68E-04	1.85E-04	-2.41E-03	0.00E+00	4.60E-20	-1.28E-09	-5.92E-08	-2.99E-03	-8.06E-01	0.00E+00	0.00E+00	-5.31E-01	1.53E-19	7.87E-02	0.00E+00	4.78E-09	-9.98E-09	-9.16E-04	0.00E+00	-1.27E-01	0.00E+00	7.87E-02	-1.62E-05	7.87E-02	1.15E-02	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
MCS210C	-5.79E-03	9.35E-03	1.87E-03	7.19E-03	0.00E+00	0.00E+00	-3.36E-01	-4.93E-04	9.02E-05	-2.38E-03	0.00E+00	4.60E-20	-1.29E-09	-4.33E-08	-6.52E-03	-1.02E+00	0.00E+00	0.00E+00	-8.04E-01	1.53E-19	-2.44E-01	0.00E+00	3.52E-09	-1.04E-08	-8.51E-04	0.00E+00	-1.91E-01	0.00E+00	-2.44E-01	-1.30E-05	-2.44E-01	-3.01E-01	-1.91E-01	0.00E+00	0.00E+00	0.00E+00	-4.00E+01
MCS210E	-6.42E-03	-6.11E-03	2.30E-03	1.06E-02	0.00E+00	0.00E+00	-5.22E-01	-6.32E-04	1.08E-04	-2.89E-03	0.00E+00	4.60E-20	-1.37E-09	-5.80E-08	-4.47E-03	-1.07E+00	0.00E+00	0.00E+00	-8.47E-01	1.53E-19	-1.69E-01	0.00E+00	5.93E-09	-1.07E-08	-8.86E-04	0.00E+00	-2.01E-01	0.00E+00	-1.69E-01	-1.64E-05	-1.69E-01	-2.72E-01	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-4.18E+01
MCS213C	-3.25E-03	-5.68E-04	1.53E-03	-1.91E-02	0.00E+00	0.00E+00	-5.70E-01	-5.89E-04	7.51E-05	-2.28E-03	0.00E+00	4.60E-20	-1.59E-09	-4.42E-08	-6.76E-03	-9.94E-01	0.00E+00	0.00E+00	-1.12E+00	1.53E-19	-3.70E-01	0.00E+00	2.43E-09	-1.34E-08	-9.93E-04	0.00E+00	-2.17E-01	0.00E+00	-3.70E-01	-1.68E-05	-3.70E-01	-5.73E-01	-2.17E-01	0.00E+00	0.00E+00	0.00E+00	-4.61E+01
MCS216C	-3.15E-03	-4.15E-03	1.30E-03	-1.46E-02	0.00E+00	0.00E+00	-5.48E-01	-5.47E-04	1.03E-04	-2.22E-03	0.00E+00	4.60E-20	-1.42E-09	-4.61E-08	-5.04E-03	-8.89E-01	0.00E+00	0.00E+00	-1.08E+00	1.53E-19	-3.57E-01	0.00E+00	2.62E-09	-1.24E-08	-8.73E-04	0.00E+00	-2.05E-01	0.00E+00	-3.57E-01	-1.26E-05	-3.57E-01	-5.41E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-4.78E+01
MCS216E	-4.12E-03	-3.99E-03	1.81E-03	7.56E-03	0.00E+00	0.00E+00	-6.35E-01	-6.80E-04	1.21E-04	-2.64E-03	0.00E+00	4.60E-20	-1.18E-09	-5.79E-08	-2.29E-03	-7.88E-01	0.00E+00	0.00E+00	-9.85E-01	1.53E-19	-1.61E-01	0.00E+00	5.95E-09	-1.06E-08	-9.32E-04	0.00E+00	-1.61E-01	0.00E+00	-1.61E-01	-1.64E-05	-1.61E-01	-3.73E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-4.33E+01
MCS220C	-4.33E-03	-2.26E-02	1.10E-03	-3.58E-02	0.00E+00	0.00E+00	-7.49E-01	-6.38E-04	1.08E-04	-3.22E-03	0.00E+00	4.60E-20	-1.47E-09	-5.38E-08	-7.08E-03	-8.31E-01	0.00E+00	0.00E+00	-1.24E+00	1.53E-19	-4.96E-01	0.00E+00	2.02E-09	-1.49E-08	-1.25E-03	0.00E+00	-2.05E-01	0.00E+00	-4.96E-01	-1.80E-05	-4.96E-01	-7.88E-01	-2.05E-01	0.00E+00	0.00E+00	0.00E+00	-5.12E+01
MCS220E	-4.96E-03	1.21E-02	2.18E-03	-5.51E-03	0.00E+00	0.00E+00	-4.42E-01	-6.11E-04	2.89E-04	-1.89E-03	0.00E+00	4.60E-20	-1.19E-09	-6.10E-08	-5.54E-03	-7.41E-01	0.00E+00	0.00E+00	-9.02E-01	1.53E-19	-8.27E-02	0.00E+00	3.80E-09	-1.17E-08	-9.81E-04	0.00E+00	-1.53E-01	0.00E+00	-8.27E-02	-1.62E-05	-8.27E-02	-2.53E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.47E+01
MCS225E	-1.05E-02	-1.45E-02	2.39E-03	-4.70E-02	0.00E+00	0.00E+00	-1.24E+00	-6.99E-04	1.48E-04	-3.52E-03	0.00E+00	4.60E-20	-1.74E-09	-8.77E-08	-7.53E-03	-1.33E+00	0.00E+00	0.00E+00	-1.64E+00	1.53E-19	-4.43E-01	0.00E+00	1.31E-09	-1.98E-08	-1.30E-03	0.00E+00	-2.71E-01	0.00E+00	-4.43E-01	-3.00E-05	-4.43E-01	-6.54E-01	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-6.71E+01
MCS240E	-1.52E-02	3.00E-02	1.58E-03	4.64E-03	0.00E+00	0.00E+00	-2.06E+00	-1.80E-03	1.39E-04	-5.14E-03	0.00E+00	4.60E-20	-1.80E-09	-1.15E-07	-4.97E-03	-1.57E+00	0.00E+00	0.00E+00	-1.90E+00	1.53E-19	-3.33E-01	0.00E+00	2.19E-09	-2.72E-08	-1.65E-03	0.00E+00	-2.94E-01	0.00E+00	-3.33E-01	-5.45E-05	-3.33E-01	-5.32E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-8.93E+01
MCS250E	-2.04E-02	1.95E-02	-3.88E-04	-4.40E-02	0.00E+00	0.00E+00	-2.31E+00	-1.99E-03	1.14E-03	-2.49E-03	0.00E+00	4.60E-20	-1.32E-09	-6.94E-08	-5.18E-03	-1.96E+00	0.00E+00	0.00E+00	-2.26E+00	1.53E-19	-4.26E-01	0.00E+00	-1.01E-09	-3.32E-08	-2.83E-03	0.00E+00	-3.97E-01	0.00E+00	-4.26E-01	-6.51E-05	-4.26E-01	-7.33E-01	-3.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
MCS263E	-1.51E-02	6.40E-02	-2.69E-04	3.85E-02	0.00E+00	0.00E+00	-1.85E+00	-1.70E-03	1.22E-03	-2.90E-03	0.00E+00	4.60E-20	-1.54E-09	-8.43E-08	-3.38E-03	-1.65E+00	0.00E+00	0.00E+00	-1.92E+00	1.53E-19	-4.79E-01	0.00E+00	-6.04E-10	-3.01E-08	-2.10E-03	0.00E+00	-2.94E-01	0.00E+00	-4.79E-01	-4.84E-05	-4.79E-01	-9.48E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-9.61E+01
MCS306	-4.38E-03	3.08E-02	1.55E-04	3.06E-02	0.00E+00	0.00E+00	-1.33E+00	-5.14E-04	3.09E-04	-2.48E-03	0.00E+00	5.90E-20	-2.50E-09	-5.30E-08	1.37E-03	-5.11E-01	0.00E+00	0.00E+00	-1.81E+00	2.06E-19	-1.54E+00	0.00E+00	-1.24E-09	-2.15E-08	-1.24E-03	0.00E+00	-1.54E-01	0.00E+00	-1.54E+00	-1.97E-05	-1.54E+00	-1.69E+00	-1.54E-01	0.00E+00	0.00E+00	0.00E+00	-7.89E+01
MCS306C	-5.51E-03	4.90E-02	2.84E-03	1.66E-02	0.00E+00	0.00E+00	-2.94E-01	-6.32E-04	8.17E-05	-2.49E-03	0.00E+00	4.60E-20	-1.42E-09	-4.94E-08	-3.21E-03	-1.11E+00	0.00E+00	0.00E+00	-8.25E-01	1.53E-19	1.41E-01	0.00E+00	6.12E-09	-1.18E-08	-1.09E-03	0.00E+00	-1.70E-01	0.00E+00	1.41E-01	-1.79E-05	1.41E-01	1.53E-01	-1.70E-01	0.00E+00	0.00E+00	0.00E+00	-4.18E+01
MCS310	1.43E-03	1.31E-01	7.51E-03	1.23E-01	0.00E+00	0.00E+00	1.96E+00	3.81E-06	7.34E-04	1.41E-03	0.00E+00	7.65E-20	3.17E-10	1.03E-08	1.08E-02	-6.43E-01	0.00E+00	0.00E+00	1.41E+00	2.59E-19	2.24E+00	0.00E+00	1.69E-08	7.67E-09	4.37E-04	0.00E+00	8.39E-02	0.00E+00	2.24E+00	4.81E-07	2.24E+00	2.32E+00	8.39E-02	0.00E+00	0.00E+00	0.00E+00	5.09E+01
MCS310C	-5.63E-03	1.98E-02	2.25E-03	-4.81E-02	0.00E+00	0.00E+00	-6.05E-01	-6.61E-04	7.54E-05	-3.17E-03	0.00E+00	4.60E-20	-1.77E-09	-6.48E-08	-3.73E-03	-1.32E+00	0.00E+00	0.00E+00	-1.13E+00	1.53E-19	-4.22E-01	0.00E+00	4.40E-09	-1.21E-08	-1.21E-03	0.00E+00	-2.17E-01	0.00E+00	-4.22E-01	-1.91E-05	-4.22E-01	-4.20E-01	-2.17E-01	0.00E+00	0.00E+00	0.00E+00	-5.59E+01
MCS313	-2.57E-03	3.40E-01	7.65E-03	3.32E-01	0.00E+00	0.00E+00	9.77E-01	-4.37E-04	7.30E-04	7.41E-04	0.00E+00	1.17E-19	-4.23E-10	-4.11E-08	1.28E-02	-6.49E-01	0.00E+00	0.00E+00	3.66E-01	4.04E-19	2.38E+00	0.00E+00	2.12E-08	1.75E-09	1.24E-04	0.00E+00	4.35E-02	0.00E+00	2.38E+00	-1.58E-05	2.38E+00	2.42E+00	4.35E-02	0.00E+00	0.00E+00	0.00E+00	4.25E+00
MCS313C	1.13E-04	-1.34E-01	1.00E-03	-1.35E-01	0.00E+00	0.00E+00	6.03E-02	-5.11E-05	5.48E-04	-1.26E-03	0.00E+00	1.95E-20	-1.37E-09	2.55E-09	-1.10E-02	-7.61E-01	0.00E+00	0.00E+00	-7.22E-01	7.16E-20	-1.06E+00	0.00E+00	-1.26E-09	-1.12E-08	-6.31E-04	0.00E+00	-2.04E-01	0.00E+00	-1.06E+00	-2.67E-06	-1.06E+00	-1.26E+00	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
MCS316	-6.45E-03	2.71E-01	5.11E-03	2.66E-01	0.00E+00	0.00E+00	-2.20E-01	-7.47E-04	4.70E-05	-1.41E-03	0.00E+00	9.65E-20	-8.49E-10	-8.23E-08	-2.47E-03	-7.02E-01	0.00E+00	0.00E+00	-5.68E-01	3.45E-19	1.45E+00	0.00E+00	1.63E-08	-7.33E-09	-5.61E-04	0.00E+00	-7.99E-02	0.00E+00	1.45E+00	-2.13E-05	1.45E+00	1.37E+00	-7.99E-02	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
MCS316C	-6.61E-03	2.24E-01	3.85E-03	2.20E-01	0.00E+00	0.00E+00	-5.57E-01	-7.47E-04	1.44E-05	-1.78E-03	0.00E+00	8.14E-20	-9.07E-10	-8.31E-08	-4.67E-03	-1.62E+00	0.00E+00	0.00E+00	-8.19E-01	2.92E-19	9.44E-01	0.00E+00	1.24E-08	-9.48E-09	-6.64E-04	0.00E+00	-2.46E-01	0.00E+00	9.44E-01	-2.14E-05	9.44E-01	6.99E-01	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-4.10E+01
MCS320	-2.06E-02	-1.13E-01	-5.70E-04	-1.13E-01	0.00E+00	0.00E+00	-3.84E+00	-2.08E-03	-8.68E-04	-1.12E-02	0.00E+00	6.53E-20	-2.85E-09	-2.40E-07	3.43E-03	-2.92E+00	0.00E+00	0.00E+00	-3.59E+00	2.12E-19	-5.65E-01	0.00E+00	9.25E-10	-3.78E-08	-3.26E-03	0.00E+00	-4.99E-01	0.00E+00	-5.65E-01	-6.04E-05	-5.65E-01	-1.06E+00	-4.99E-01	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
MCS320C	-3.59E-03	1.68E-02	1.03E-03	-7.08E-02	0.00E+00	0.00E+00	-8.33E-01	-1.09E-03	1.90E-04	-3.85E-03	0.00E+00	4.60E-20	-2.11E-09	-8.33E-08	-6.04E-03	-1.24E+00	0.00E+00	0.00E+00	-1.20E+00	1.53E-19	-2.14E-01	0.00E+00	3.94E-09	-1.99E-08	-1.68E-03	0.00E+00	-2.56E-01	0.00E+00	-2.14E-01	-2.12E-05	-2.14E-01	-4.87E-01	-2.56E-01	0.00E+00	0.00E+00	0.00E+00	-5.55E+01
MCS325	-3.70E-02	-2.77E-01	-3.53E-03	-2.73E-01	0.00E+00	0.00E+00	-7.70E+00	-3.70E-03	-1.62E-03	-2.07E-02	0.00E+00	6.37E-20	-4.78E-09	-4.29E-07	-2.81E-02	-4.27E+00	0.00E+00	0.00E+00	-6.78E+00	2.08E-19	-2.34E+00	0.00E+00	-6.73E-09	-7.08E-08	-6.01E-03	0.00E+00	-9.43E-01	0.00E+00	-2.34E+00	-1.07E-04	-2.34E+00	-3.28E+00	-9.43E-01	0.00E+00	0.00E+00	0.00E+00	-2.93E+02
MCS332	-4.25E-02	-4.88E-01	-8.98E-03	-4.79E-01	0.00E+00	0.00E+00	-1.02E+01	-4.20E-03	-1.97E-03	-2.51E-02	0.00E+00	2.82E-20	-6.49E-09	-4.89E-07	-3.59E-02	-5.41E+00	0.00E+00	0.00E+00	-8.96E+00	8.55E-20	-4.85E+00	0.00E+00	-2.12E-08	-9.18E-08	-7.45E-03	0.00E+00	-1.28E+00	0.00E+00	-4.85E+00	-1.22E-04	-4.85E+00	-6.12E+00	-1.28E+00	0.00E+00	0.00E+00	0.00E+00	-3.81E+02
MCS340	-6.67E-02	-6.11E-01	-1.24E-02	-5.98E-01	0.00E+00	0.00E+00	-1.10E+01	-4.22E-03	-2.08E-03	-2.63E-02	0.00E+00	0.00E+00	-7.42E-09	-4.92E-07	-4.01E-02	-5.54E+00	0.00E+00	0.00E+00	-1.03E+01	0.00E+00	-6.31E+00	0.00E+00	-2.95E-08	-1.00E-07	-7.92E-03	0.00E+00	-1.42E+00	0.00E+00	-6.31E+00	-1.24E-04	-6.31E+00	-7.73E+00	-1.42E+00	0.00E+00	0.00E+00	0.00E+00	-4.34E+02
MCS350	-4.98E-02	-6.85E-01	-1.39E-02	-6.71E-01	0.00E+00	0.00E+00	-1.26E+01	-4.89E-03	-2.39E-03	-3.02E-02	0.00E+00	0.00E+00	-8.39E-09	-5.70E-07	-4.17E-02	-6.72E+00	0.00E+00	0.00E+00	-1.16E+01	0.00E+00	-7.02E+00	0.00E+00	-3.31E-08	-1.14E-07	-9.07E-03	0.00E+00	-1.65E+00	0.00E+00	-7.02E+00	-1.43E-04	-7.02E+00	-8.67E+00	-1.65E+00	0.00E+00	0.00E+00	0.00E+00	-4.93E+02
MCS363	-7.80E-02	-6.85E-01	-1.42E-02	-6.71E-01	0.00E+00	0.00E+00	-1.28E+01	-4.94E-03	-2.41E-03	-3.06E-02	0.00E+00	0.00E+00	-8.53E-09	-5.77E-07	-4.19E-02	-6.19E+00	0.00E+00	0.00E+00	-1.19E+01	0.00E+00	-7.10E+00	0.00E+00	-3.35E-08	-1.16E-07	-9.17E-03	0.00E+00	-1.58E+00	0.00E+00	-7.10E+00	-1.45E-04	-7.10E+00	-8.69E+00	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-5.02E+02
MCS506	-5.90E-03	3.10E-02	2.28E-03	3.94E-02	0.00E+00	0.00E+00	-4.17E-01	-6.45E-04	2.19E-04	-2.59E-03	0.00E+00	4.60E-20	-1.28E-09	-5.01E-08	-4.83E-03	-9.19E-01	0.00E+00	0.00E+00	-7.15E-01	1.53E-19	1.24E-01	0.00E+00	6.10E-09	-1.09E-08	-8.46E-04	0.00E+00	-1.61E-01	0.00E+00	1.24E-01	-1.46E-05	1.24E-01	-5.76E-02	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-3.54E+01
MCS510	-5.38E-03	5.10E-03	2.96E-03	2.23E-02	0.00E+00	0.00E+00	-4.69E-01	-7.42E-04	3.05E-04	-2.09E-03	0.00E+00	4.60E-20	-1.50E-09	-4.66E-08	-4.08E-03	-9.63E-01	0.00E+00	0.00E+00	-1.01E+00	1.53E-19	-3.02E-01	0.00E+00	7.90E-09	-1.19E-08	-8.24E-04	0.00E+00	-2.20E-01	0.00E+00	-3.02E-01	-1.26E-05	-3.02E-01	-3.69E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-4.76E+01
MCS510E	-3.45E-03	1.16E-02	2.96E-03	2.20E-02	0.00E+00	0.00E+00	-4.52E-01	-7.08E-04	2.97E-04	-1.50E-03	0.00E+00	4.60E-20	-1.29E-09	-3.09E-08	-4.47E-03	-7.31E-01	0.00E+00	0.00E+00	-8.74E-01	1.53E-19	-2.72E-01	0.00E+00	8.73E-09	-8.83E-09	-7.61E-04	0.00E+00	-1.72E-01	0.00E+00	-2.72E-01	-9.56E-06	-2.72E-01	-4.13E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-3.83E+01
MCS513	2.51E-04	-1.05E-01	1.05E-03	-1.06E-01	0.00E+00	0.00E+00	8.88E-02	-4.22E-05	5.46E-04	-9.87E-04	0.00E+00	2.30E-20	-1.20E-09	3.17E-09	1.41E-03	-7.34E-01	0.00E+00	0.00E+00	-5.27E-01	7.57E-20	-7.43E-01	0.00E+00	-8.69E-10	-8.75E-09	-5.03E-04	0.00E+00	-1.32E-01	0.00E+00	-7.43E-01	-2.40E-06	-7.43E-01	-8.75E-01	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
MCS516	-1.98E-03	6.16E-02	4.55E-03	5.70E-02	0.00E+00	0.00E+00	6.25E-01	-2.91E-04	3.84E-04	-7.57E-04	0.00E+00	5.75E-20	-1.32E-10	-2.74E-08	6.97E-03	-1.04E+00	0.00E+00	0.00E+00	4.41E-01	1.87E-19	1.25E+00	0.00E+00	9.87E-09	-5.83E-10	-1.89E-04	0.00E+00	-4.75E-02	0.00E+00	1.25E+00	-1.03E-05	1.25E+00	1.20E+00	-4.75E-02	0.00E+00	0.00E+00	0.00E+00	1.25E+01
MCS516E	-3.39E-03	-2.34E-02	2.76E-03	1.78E-02	0.00E+00	0.00E+00	-7.62E-01	-5.71E-04	2.64E-04	-1.40E-03	0.00E+00	4.60E-20	-1.13E-09	-3.46E-08	-3.09E-04	-7.10E-01	0.00E+00	0.00E+00	-1.07E+00	1.53E-19	-3.03E-01	0.00E+00	8.55E-09	-5.87E-09	-6.80E-04	0.00E+00	-1.73E-01	0.00E+00	-3.03E-01	-8.33E-06	-3.03E-01	-4.40E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-4.34E+01
MCS520	-7.59E-03	7.95E-04	1.70E-03	-1.47E-02	0.00E+00	0.00E+00	-7.49E-01	-7.41E-04	2.94E-04	-3.24E-03	0.00E+00	4.60E-20	-1.66E-09	-6.57E-08	-6.57E-03	-9.96E-01	0.00E+00	0.00E+00	-1.23E+00	1.53E-19	-1.95E-01	0.00E+00	3.94E-09	-1.84E-08	-1.37E-03	0.00E+00	-2.20E-01	0.00E+00	-1.95E-01	-1.79E-05	-1.95E-01	-2.91E-01	-2.20E-01	0.00E+00	0.00E+00	0.00E+00	-5.47E+01
MCS520E	-5.49E-03	4.54E-03	1.53E-03	-1.13E-02	0.00E+00	0.00E+00	-7.62E-01	-7.17E-04	2.81E-04	-2.66E-03	0.00E+00	4.60E-20	-1.34E-09	-4.92E-08	-6.12E-03	-7.22E-01	0.00E+00	0.00E+00	-1.06E+00	1.53E-19	-2.65E-01	0.00E+00	4.60E-09	-1.31E-08	-1.09E-03	0.00E+00	-1.81E-01	0.00E+00	-2.65E-01	-1.53E-05	-2.65E-01	-3.65E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-4.55E+01
MCS525	-4.20E-03	3.35E-02	2.07E-03	-4.07E-02	0.00E+00	0.00E+00	-4.62E-01	-5.93E-04	3.47E-04	-1.45E-03	0.00E+00	4.60E-20	-1.36E-09	-3.25E-08	-7.82E-03	-8.84E-01	0.00E+00	0.00E+00	-9.10E-01	1.53E-19	1.75E-02	0.00E+00	2.77E-09	-9.61E-09	-6.67E-04	0.00E+00	-1.70E-01	0.00E+00	1.75E-02	-1.48E-05	1.75E-02	-1.10E-01	-1.70E-01	0.00E+00	0.00E+00	0.00E+00	-3.72E+01
MCS525E	-5.37E-03	2.62E-02	2.09E-03	-3.88E-02	0.00E+00	0.00E+00	-5.71E-01	-6.27E-04	3.37E-04	-1.76E-03	0.00E+00	4.60E-20	-1.83E-09	-3.69E-08	-8.12E-03	-1.01E+00	0.00E+00	0.00E+00	-1.09E+00	1.53E-19	6.08E-02	0.00E+00	1.78E-09	-1.15E-08	-6.60E-04	0.00E+00	-2.13E-01	0.00E+00	6.08E-02	-1.48E-05	6.08E-02	-7.83E-02	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-4.74E+01
MCS532	-1.09E-02	1.65E-02	1.72E-03	-2.24E-02	0.00E+00	0.00E+00	-1.03E+00	-1.20E-03	5.94E-04	-4.16E-03	0.00E+00	4.60E-20	-1.96E-09	-7.38E-08	-8.43E-03	-1.55E+00	0.00E+00	0.00E+00	-1.34E+00	1.53E-19	1.47E-01	0.00E+00	2.90E-09	-1.88E-08	-1.11E-03	0.00E+00	-3.21E-01	0.00E+00	1.47E-01	-2.96E-05	1.47E-01	-3.98E-02	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-6.45E+01
MCS532E	-9.19E-03	1.79E-02	1.63E-03	-1.99E-02	0.00E+00	0.00E+00	-9.54E-01	-1.13E-03	6.00E-04	-3.85E-03	0.00E+00	4.60E-20	-1.94E-09	-7.18E-08	-8.15E-03	-1.56E+00	0.00E+00	0.00E+00	-1.32E+00	1.53E-19	1.41E-01	0.00E+00	3.01E-09	-1.76E-08	-1.10E-03	0.00E+00	-3.14E-01	0.00E+00	1.41E-01	-2.68E-05	1.41E-01	-3.57E-02	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-6.39E+01
MCS540	-5.63E-03	7.04E-02	1.99E-03	-4.25E-03	0.00E+00	0.00E+00	-8.56E-01	-9.47E-04	3.63E-04	-2.35E-03	0.00E+00	4.60E-20	-1.01E-09	-3.76E-08	-4.24E-03	-9.51E-01	0.00E+00	0.00E+00	-7.95E-01	1.53E-19	9.81E-02	0.00E+00	3.71E-09	-7.17E-09	-4.87E-04	0.00E+00	-1.50E-01	0.00E+00	9.81E-02	-1.93E-05	9.81E-02	1.14E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-3.97E+01
MCS540E	-1.30E-02	6.43E-02	1.95E-03	-1.46E-02	0.00E+00	0.00E+00	-1.28E+00	-1.52E-03	3.71E-04	-4.26E-03	0.00E+00	4.60E-20	-1.77E-09	-6.75E-08	-4.08E-03	-1.37E+00	0.00E+00	0.00E+00	-1.29E+00	1.53E-19	1.27E-01	0.00E+00	3.20E-09	-1.99E-08	-1.04E-03	0.00E+00	-2.45E-01	0.00E+00	1.27E-01	-3.52E-05	1.27E-01	5.94E-02	-2.45E-01	0.00E+00	0.00E+00	0.00E+00	-7.01E+01
MCS550	-9.63E-03	8.52E-03	-9.23E-04	4.40E-02	0.00E+00	0.00E+00	-1.33E+00	-1.25E-03	1.63E-03	-1.81E-03	0.00E+00	4.60E-20	-1.15E-09	-7.84E-08	-4.46E-03	-1.58E+00	0.00E+00	0.00E+00	-1.34E+00	1.53E-19	2.15E-01	0.00E+00	1.33E-09	-1.71E-08	-1.68E-03	0.00E+00	-2.61E-01	0.00E+00	2.15E-01	-3.76E-05	2.15E-01	-2.30E-02	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-6.97E+01
MCS550E	-7.84E-03	8.53E-03	-9.23E-04	4.92E-02	0.00E+00	0.00E+00	-1.10E+00	-1.14E-03	1.64E-03	-1.79E-03	0.00E+00	4.60E-20	-1.15E-09	-7.84E-08	-4.97E-03	-1.55E+00	0.00E+00	0.00E+00	-1.21E+00	1.53E-19	2.37E-01	0.00E+00	1.60E-09	-1.52E-08	-1.44E-03	0.00E+00	-2.59E-01	0.00E+00	2.37E-01	-3.03E-05	2.37E-01	-4.32E-03	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	-6.34E+01
MCS563	-6.22E-03	4.19E-02	-1.10E-03	7.31E-02	0.00E+00	0.00E+00	-1.27E+00	-1.16E-03	1.65E-03	-1.17E-03	0.00E+00	4.60E-20	-1.28E-09	-8.11E-08	-3.45E-03	-1.29E+00	0.00E+00	0.00E+00	-1.25E+00	1.53E-19	3.90E-01	0.00E+00	2.08E-09	-1.48E-08	-1.50E-03	0.00E+00	-2.04E-01	0.00E+00	3.90E-01	-3.08E-05	3.90E-01	7.49E-02	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-6.72E+01
MCS563E	-6.24E-03	3.42E-02	-1.30E-03	7.43E-02	0.00E+00	0.00E+00	-1.24E+00	-1.17E-03	1.70E-03	-1.34E-03	0.00E+00	4.60E-20	-1.31E-09	-8.29E-08	-2.91E-03	-1.29E+00	0.00E+00	0.00E+00	-1.24E+00	1.53E-19	3.08E-01	0.00E+00	-2.33E-11	-1.56E-08	-1.49E-03	0.00E+00	-2.07E-01	0.00E+00	3.08E-01	-3.09E-05	3.08E-01	-1.28E-01	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-6.74E+01
MCS606	-8.65E-03	1.48E-01	2.83E-03	1.18E-01	0.00E+00	0.00E+00	-9.20E-01	-1.18E-03	9.12E-05	-3.54E-03	0.00E+00	4.60E-20	-1.47E-09	-1.23E-07	-1.01E-02	-1.89E+00	0.00E+00	0.00E+00	-1.49E+00	1.53E-19	5.09E-01	0.00E+00	1.43E-08	-1.67E-08	-1.25E-03	0.00E+00	-3.71E-01	0.00E+00	5.09E-01	-2.59E-05	5.09E-01	2.33E-01	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-6.66E+01
MCS606E	-6.93E-03	1.47E-01	3.84E-03	1.41E-01	0.00E+00	0.00E+00	-9.00E-01	-1.17E-03	1.24E-04	-3.47E-03	0.00E+00	4.60E-20	-1.38E-09	-1.25E-07	-9.59E-03	-1.91E+00	0.00E+00	0.00E+00	-1.51E+00	1.53E-19	4.45E-01	0.00E+00	1.41E-08	-1.55E-08	-1.27E-03	0.00E+00	-3.83E-01	0.00E+00	4.45E-01	-2.85E-05	4.45E-01	2.96E-01	-3.83E-01	0.00E+00	0.00E+00	0.00E+00	-7.08E+01
MCS610	-8.12E-03	2.08E-02	2.69E-03	-3.20E-02	0.00E+00	0.00E+00	-1.75E+00	-1.35E-03	-6.35E-05	-2.44E-03	0.00E+00	4.60E-20	-2.05E-09	-1.17E-07	-7.89E-03	-2.50E+00	0.00E+00	0.00E+00	-2.72E+00	1.53E-19	-6.54E-01	0.00E+00	1.16E-08	-1.13E-08	-1.10E-03	0.00E+00	-5.55E-01	0.00E+00	-6.54E-01	-2.78E-05	-6.54E-01	-8.64E-01	-5.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
MCS610E	-7.55E-03	3.54E-02	3.03E-03	-9.54E-03	0.00E+00	0.00E+00	-1.57E+00	-1.30E-03	-1.98E-05	-2.24E-03	0.00E+00	4.60E-20	-1.98E-09	-1.16E-07	-8.34E-03	-2.40E+00	0.00E+00	0.00E+00	-2.58E+00	1.53E-19	-3.45E-01	0.00E+00	1.19E-08	-1.12E-08	-1.06E-03	0.00E+00	-5.08E-01	0.00E+00	-3.45E-01	-2.62E-05	-3.45E-01	-5.58E-01	-5.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
MCS613	-2.12E-02	-4.62E-01	-7.12E-03	-4.55E-01	0.00E+00	0.00E+00	-5.34E+00	-2.03E-03	-1.12E-03	-1.41E-02	0.00E+00	1.75E-20	-5.01E-09	-2.36E-07	-4.23E-02	-3.78E+00	0.00E+00	0.00E+00	-6.17E+00	6.17E-20	-4.57E+00	0.00E+00	-1.80E-08	-6.18E-08	-4.52E-03	0.00E+00	-1.04E+00	0.00E+00	-4.57E+00	-6.53E-05	-4.57E+00	-5.61E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-2.59E+02
MCS613E	-9.23E-03	2.35E-02	-1.69E-03	-1.72E-01	0.00E+00	0.00E+00	-2.60E+00	-1.72E-03	-4.08E-04	-3.42E-03	0.00E+00	4.60E-20	-4.19E-09	-1.38E-07	-7.31E-03	-2.78E+00	0.00E+00	0.00E+00	-3.46E+00	1.53E-19	-1.37E+00	0.00E+00	8.07E-09	-2.62E-08	-1.91E-03	0.00E+00	-6.35E-01	0.00E+00	-1.37E+00	-3.54E-05	-1.37E+00	-1.85E+00	-6.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MCS616	-1.93E-02	-1.06E-01	1.69E-03	-1.07E-01	0.00E+00	0.00E+00	-2.72E+00	-1.94E-03	-7.98E-04	-1.03E-02	0.00E+00	8.25E-20	-2.32E-09	-2.24E-07	-2.96E-02	-4.11E+00	0.00E+00	0.00E+00	-3.28E+00	2.79E-19	-9.42E-02	0.00E+00	6.72E-09	-3.47E-08	-2.95E-03	0.00E+00	-8.08E-01	0.00E+00	-9.42E-02	-6.02E-05	-9.42E-02	-9.03E-01	-8.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
MCS616E	-1.21E-02	-1.47E-01	-2.34E-05	-1.20E-01	0.00E+00	0.00E+00	-2.34E+00	-1.55E-03	-2.99E-04	-6.40E-03	0.00E+00	4.60E-20	-3.02E-09	-1.23E-07	-4.55E-03	-1.99E+00	0.00E+00	0.00E+00	-2.90E+00	1.53E-19	-9.89E-01	0.00E+00	1.08E-08	-1.90E-08	-1.32E-03	0.00E+00	-5.69E-01	0.00E+00	-9.89E-01	-3.51E-05	-9.89E-01	-1.54E+00	-5.69E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
MCS620	-2.71E-02	1.32E-01	9.10E-04	1.31E-01	0.00E+00	0.00E+00	-4.95E+00	-2.77E-03	-9.77E-04	-1.27E-02	0.00E+00	1.19E-19	-3.71E-09	-3.21E-07	-2.93E-02	-3.66E+00	0.00E+00	0.00E+00	-5.14E+00	4.24E-19	-5.05E-01	0.00E+00	9.20E-09	-4.89E-08	-3.88E-03	0.00E+00	-8.20E-01	0.00E+00	-5.05E-01	-8.03E-05	-5.05E-01	-1.32E+00	-8.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+02
MCS620E	-1.31E-02	3.32E-02	-1.79E-03	-4.82E-02	0.00E+00	0.00E+00	-2.32E+00	-2.23E-03	-5.35E-04	-6.25E-03	0.00E+00	4.60E-20	-3.75E-09	-2.33E-07	-1.34E-02	-2.70E+00	0.00E+00	0.00E+00	-2.79E+00	1.53E-19	-5.33E-01	0.00E+00	5.77E-09	-3.71E-08	-2.87E-03	0.00E+00	-5.02E-01	0.00E+00	-5.33E-01	-6.41E-05	-5.33E-01	-1.05E+00	-5.02E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
MCS625	-4.84E-02	4.36E-02	-2.47E-03	4.61E-02	0.00E+00	0.00E+00	-1.01E+01	-4.93E-03	-1.89E-03	-2.44E-02	0.00E+00	1.40E-19	-6.56E-09	-5.72E-07	4.55E-03	-4.01E+00	0.00E+00	0.00E+00	-8.62E+00	4.83E-19	-1.59E+00	0.00E+00	2.19E-09	-8.63E-08	-7.27E-03	0.00E+00	-7.89E-01	0.00E+00	-1.59E+00	-1.43E-04	-1.59E+00	-2.38E+00	-7.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.81E+02
MCS625E	-1.77E-02	1.31E-01	1.83E-04	1.67E-01	0.00E+00	0.00E+00	-2.34E+00	-1.28E-03	-8.84E-04	-6.78E-03	0.00E+00	4.60E-20	-3.21E-09	-1.38E-07	-1.51E-02	-2.42E+00	0.00E+00	0.00E+00	-2.74E+00	1.53E-19	8.33E-01	0.00E+00	3.09E-09	-1.55E-08	-3.93E-04	0.00E+00	-3.78E-01	0.00E+00	8.33E-01	-5.53E-05	8.33E-01	4.96E-01	-3.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
MCS632	-4.31E-02	9.22E-02	2.45E-04	-5.38E-02	0.00E+00	0.00E+00	-6.32E+00	-4.48E-03	1.01E-03	-1.84E-02	0.00E+00	4.60E-20	-4.91E-09	-3.58E-07	-1.52E-02	-3.44E+00	0.00E+00	0.00E+00	-6.26E+00	1.53E-19	-1.62E+00	0.00E+00	1.34E-09	-6.56E-08	-6.03E-03	0.00E+00	-8.81E-01	0.00E+00	-1.62E+00	-1.15E-04	-1.62E+00	-2.21E+00	-8.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.76E+02
MCS632E	-3.74E-02	1.23E-01	-8.85E-04	2.45E-02	0.00E+00	0.00E+00	-5.98E+00	-4.48E-03	3.88E-04	-1.30E-02	0.00E+00	4.60E-20	-3.65E-09	-3.27E-07	-1.52E-02	-3.51E+00	0.00E+00	0.00E+00	-5.83E+00	1.53E-19	-1.14E+00	0.00E+00	1.67E-09	-3.17E-08	-3.65E-03	0.00E+00	-7.71E-01	0.00E+00	-1.14E+00	-9.47E-05	-1.14E+00	-1.77E+00	-7.71E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
MCS640	-3.15E-02	1.36E-01	2.80E-03	-2.72E-01	0.00E+00	0.00E+00	-4.19E+00	-5.36E-03	1.01E-03	-1.36E-02	0.00E+00	4.60E-20	-4.48E-09	-4.41E-07	-1.34E-02	-3.66E+00	0.00E+00	0.00E+00	-3.89E+00	1.53E-19	-1.11E+00	0.00E+00	7.56E-09	-3.26E-08	-3.74E-03	0.00E+00	-6.45E-01	0.00E+00	-1.11E+00	-9.11E-05	-1.11E+00	-1.83E+00	-6.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.86E+02
MCS640E	-4.32E-02	8.46E-02	2.47E-03	-3.77E-01	0.00E+00	0.00E+00	-5.08E+00	-5.44E-03	1.43E-03	-2.74E-02	0.00E+00	4.60E-20	-5.89E-09	-5.17E-07	-1.42E-02	-3.47E+00	0.00E+00	0.00E+00	-4.76E+00	1.53E-19	-1.68E+00	0.00E+00	8.01E-09	-8.33E-08	-7.72E-03	0.00E+00	-7.17E-01	0.00E+00	-1.68E+00	-1.29E-04	-1.68E+00	-2.42E+00	-7.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
MFN701	-2.03E-03	1.51E-01	2.45E-03	1.48E-01	0.00E+00	0.00E+00	6.98E-02	-2.60E-04	1.40E-04	-6.60E-05	0.00E+00	4.48E-20	-2.89E-10	-2.80E-08	4.43E-03	-5.92E-02	0.00E+00	0.00E+00	-8.78E-02	1.59E-19	8.28E-01	0.00E+00	7.91E-09	-9.27E-10	-7.17E-05	0.00E+00	3.29E-02	0.00E+00	8.28E-01	-9.38E-06	8.28E-01	8.60E-01	3.29E-02	0.00E+00	0.00E+00	0.00E+00	-7.88E+00
MFN702	-2.45E-04	7.36E-02	7.32E-04	7.28E-02	0.00E+00	0.00E+00	-1.05E-02	-5.67E-05	1.61E-04	2.95E-04	0.00E+00	2.80E-20	-6.63E-10	-4.45E-09	1.64E-03	-2.69E-01	0.00E+00	0.00E+00	-3.92E-01	1.02E-19	-1.29E-01	0.00E+00	2.38E-09	-3.63E-09	-9.30E-05	0.00E+00	-5.45E-02	0.00E+00	-1.29E-01	-2.54E-06	-1.29E-01	-1.84E-01	-5.45E-02	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
MFN706	-2.55E-03	2.23E-02	9.71E-04	1.49E-02	0.00E+00	0.00E+00	-2.47E-01	-3.95E-04	1.68E-04	-1.20E-03	0.00E+00	4.60E-20	-7.02E-10	-3.34E-08	-1.32E-04	-3.39E-01	0.00E+00	0.00E+00	-4.45E-01	1.53E-19	-4.44E-02	0.00E+00	1.74E-09	-7.39E-09	-5.05E-04	0.00E+00	-6.04E-02	0.00E+00	-4.44E-02	-9.26E-06	-4.44E-02	-1.09E-01	-6.04E-02	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
MFN706A	-2.54E-03	2.23E-02	9.52E-04	1.58E-02	0.00E+00	0.00E+00	-2.22E-01	-3.84E-04	1.70E-04	-1.19E-03	0.00E+00	4.60E-20	-6.87E-10	-3.36E-08	-1.32E-04	-3.39E-01	0.00E+00	0.00E+00	-4.21E-01	1.53E-19	-3.96E-02	0.00E+00	1.65E-09	-7.30E-09	-5.05E-04	0.00E+00	-5.78E-02	0.00E+00	-3.96E-02	-8.94E-06	-3.96E-02	-1.07E-01	-5.78E-02	0.00E+00	0.00E+00	0.00E+00	-2.12E+01
MFN710	-7.21E-05	5.86E-02	1.19E-03	5.74E-02	0.00E+00	0.00E+00	7.72E-02	-5.64E-05	3.08E-04	1.85E-04	0.00E+00	2.54E-20	-6.06E-10	-2.73E-09	-3.46E-03	-9.50E-03	0.00E+00	0.00E+00	-3.31E-01	9.45E-20	-1.14E-01	0.00E+00	2.78E-09	-3.44E-09	-1.02E-04	0.00E+00	-3.48E-02	0.00E+00	-1.14E-01	-2.44E-06	-1.14E-01	-1.49E-01	-3.48E-02	0.00E+00	0.00E+00	0.00E+00	-1.54E+01
MFN710A	-1.36E-03	2.49E-02	9.68E-04	2.21E-02	0.00E+00	0.00E+00	-1.34E-01	-1.81E-04	1.62E-04	-6.51E-04	0.00E+00	4.60E-20	-7.01E-10	-6.19E-09	6.73E-04	-2.69E-01	0.00E+00	0.00E+00	-3.59E-01	1.53E-19	-7.01E-03	0.00E+00	1.65E-09	-4.42E-09	-2.81E-04	0.00E+00	-5.69E-02	0.00E+00	-7.01E-03	-4.34E-06	-7.01E-03	-8.34E-02	-5.69E-02	0.00E+00	0.00E+00	0.00E+00	-1.71E+01
MFN716	-1.51E-03	2.82E-02	1.14E-03	2.48E-02	0.00E+00	0.00E+00	-1.66E-01	-1.88E-04	1.86E-04	-7.68E-04	0.00E+00	4.60E-20	-6.65E-10	-1.46E-08	-3.61E-04	-1.78E-01	0.00E+00	0.00E+00	-3.15E-01	1.53E-19	1.34E-02	0.00E+00	2.61E-09	-5.20E-09	-2.62E-04	0.00E+00	-4.40E-02	0.00E+00	1.34E-02	-4.20E-06	1.34E-02	-2.41E-02	-4.40E-02	0.00E+00	0.00E+00	0.00E+00	-1.49E+01

MFN716A	-1.51E-03	2.80E-02	1.14E-03	2.48E-02	0.00E+00	0.00E+00	-1.39E-01	-1.83E-04	1.88E-04	-7.78E-04	0.00E+00	4.60E-20	-6.57E-10	-1.46E-08	-3.61E-04	-1.87E-01	0.00E+00	0.00E+00	-2.88E-01	1.53E-19	1.82E-02	0.00E+00	2.55E-09	-5.12E-09	-2.68E-04	0.00E+00	-4.23E-02	0.00E+00	1.82E-02	-4.20E-06	1.82E-02	-1.96E-02	-4.23E-02	0.00E+00	0.00E+00	0.00E+00	-1.37E+01
MFN720	1.03E-03	1.03E-01	3.16E-03	1.00E-01	0.00E+00	0.00E+00	4.91E-01	-1.31E-05	7.68E-04	8.35E-04	0.00E+00	3.31E-20	-2.67E-10	6.91E-09	-1.86E-03	1.69E-01	0.00E+00	0.00E+00	2.28E-01	1.20E-19	4.29E-01	0.00E+00	6.12E-09	5.58E-10	1.45E-04	0.00E+00	4.08E-02	0.00E+00	4.29E-01	-6.32E-07	4.29E-01	4.70E-01	4.08E-02	0.00E+00	0.00E+00	0.00E+00	7.31E+00
MFN720A	-2.33E-03	3.39E-02	1.56E-03	3.04E-02	0.00E+00	0.00E+00	-1.13E-01	-2.93E-04	2.76E-04	-1.39E-03	0.00E+00	4.60E-20	-7.44E-10	-3.22E-08	-5.66E-04	-1.38E-01	0.00E+00	0.00E+00	-2.31E-01	1.53E-19	9.30E-02	0.00E+00	3.19E-09	-6.05E-09	-3.08E-04	0.00E+00	-2.28E-02	0.00E+00	9.30E-02	-9.23E-06	9.30E-02	5.85E-02	-2.28E-02	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
MFN725	-1.64E-03	1.65E-02	1.69E-03	1.65E-02	0.00E+00	0.00E+00	-1.07E-01	-2.83E-04	3.10E-04	-1.08E-03	0.00E+00	4.60E-20	-7.63E-10	-2.59E-08	-4.20E-04	-3.91E-01	0.00E+00	0.00E+00	-2.65E-01	1.53E-19	2.39E-02	0.00E+00	2.32E-09	-6.41E-09	-3.51E-04	0.00E+00	-4.88E-02	0.00E+00	2.39E-02	-1.01E-05	2.39E-02	-5.36E-02	-4.88E-02	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
MFN732	-1.42E-02	1.39E-02	-1.22E-03	1.52E-02	0.00E+00	0.00E+00	-3.09E+00	-1.45E-03	-5.54E-04	-7.16E-03	0.00E+00	3.12E-20	-1.80E-09	-1.68E-07	-4.97E-03	-1.34E+00	0.00E+00	0.00E+00	-2.64E+00	1.12E-19	-5.54E-01	0.00E+00	-7.29E-11	-2.49E-08	-2.09E-03	0.00E+00	-2.95E-01	0.00E+00	-5.54E-01	-4.22E-05	-5.54E-01	-8.49E-01	-2.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
MFN910	-1.12E-02	-1.66E-01	-2.78E-03	-1.63E-01	0.00E+00	0.00E+00	-1.95E+00	-6.98E-04	-3.89E-04	-4.88E-03	0.00E+00	0.00E+00	-1.70E-09	-8.14E-08	-8.23E-03	-1.54E+00	0.00E+00	0.00E+00	-2.06E+00	0.00E+00	-1.63E+00	0.00E+00	-7.47E-09	-2.12E-08	-1.56E-03	0.00E+00	-3.58E-01	0.00E+00	-1.63E+00	-2.25E-05	-1.63E+00	-1.99E+00	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	-8.65E+01
MFN916	-1.17E-02	-1.68E-01	-2.84E-03	-1.65E-01	0.00E+00	0.00E+00	-2.02E+00	-7.27E-04	-4.02E-04	-5.05E-03	0.00E+00	0.00E+00	-1.74E-09	-8.48E-08	-8.29E-03	-1.56E+00	0.00E+00	0.00E+00	-2.11E+00	0.00E+00	-1.65E+00	0.00E+00	-7.60E-09	-2.18E-08	-1.61E-03	0.00E+00	-3.63E-01	0.00E+00	-1.65E+00	-2.33E-05	-1.65E+00	-2.01E+00	-3.63E-01	0.00E+00	0.00E+00	0.00E+00	-8.89E+01
MFN920	-1.23E-02	9.62E-02	1.02E-04	9.61E-02	0.00E+00	0.00E+00	-2.50E+00	-1.27E-03	-4.27E-04	-5.59E-03	0.00E+00	4.54E-20	-1.45E-09	-1.47E-07	-3.33E-03	-1.13E+00	0.00E+00	0.00E+00	-2.03E+00	1.61E-19	-8.14E-02	0.00E+00	3.38E-09	-2.00E-08	-1.66E-03	0.00E+00	-2.22E-01	0.00E+00	-8.14E-02	-3.80E-05	-8.14E-02	-3.04E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-8.98E+01
MFN925	-2.42E-02	-2.05E-01	-4.35E-03	-2.00E-01	0.00E+00	0.00E+00	-3.96E+00	-1.54E-03	-7.43E-04	-9.43E-03	0.00E+00	0.00E+00	-2.57E-09	-1.79E-07	-9.69E-03	-2.13E+00	0.00E+00	0.00E+00	-3.56E+00	0.00E+00	-2.09E+00	0.00E+00	-1.01E-08	-3.52E-08	-2.81E-03	0.00E+00	-4.96E-01	0.00E+00	-2.09E+00	-4.67E-05	-2.09E+00	-2.59E+00	-4.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
MFS701	-4.35E-03	2.53E-02	-3.69E-04	2.56E-02	0.00E+00	0.00E+00	-1.12E+00	-4.73E-04	1.01E-04	-2.24E-03	0.00E+00	2.13E-20	-1.16E-09	-5.23E-08	-5.27E-03	-6.45E-01	0.00E+00	0.00E+00	-1.29E+00	8.15E-20	-6.56E-01	0.00E+00	-3.11E-10	-1.21E-08	-7.97E-04	0.00E+00	-1.75E-01	0.00E+00	-6.56E-01	-1.76E-05	-6.56E-01	-8.31E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-5.56E+01
MFS702	5.53E-04	8.60E-02	1.59E-03	8.44E-02	0.00E+00	0.00E+00	2.02E-01	-1.58E-05	4.80E-04	6.35E-04	0.00E+00	2.69E-20	-4.91E-10	3.46E-09	-3.14E-03	-1.18E-01	0.00E+00	0.00E+00	-2.34E-01	1.02E-19	4.23E-02	0.00E+00	3.93E-09	-1.68E-09	4.71E-05	0.00E+00	-4.68E-02	0.00E+00	4.23E-02	-1.01E-06	4.23E-02	-4.57E-03	-4.68E-02	0.00E+00	0.00E+00	0.00E+00	-1.14E+01
MFS706	-7.95E-03	-1.16E-01	-1.47E-03	-1.15E-01	0.00E+00	0.00E+00	-1.98E+00	-8.14E-04	-1.54E-04	-5.02E-03	0.00E+00	6.19E-21	-1.49E-09	-9.18E-08	-6.88E-03	-1.07E+00	0.00E+00	0.00E+00	-1.83E+00	2.21E-20	-1.12E+00	0.00E+00	-4.31E-09	-1.93E-08	-1.53E-03	0.00E+00	-2.56E-01	0.00E+00	-1.12E+00	-2.39E-05	-1.12E+00	-1.38E+00	-2.56E-01	0.00E+00	0.00E+00	0.00E+00	-7.81E+01
MFS710	-8.99E-03	-5.50E-02	-7.63E-04	-5.43E-02	0.00E+00	0.00E+00	-1.88E+00	-9.04E-04	-3.85E-04	-4.95E-03	0.00E+00	1.86E-20	-1.13E-09	-1.05E-07	4.37E-05	-1.26E+00	0.00E+00	0.00E+00	-1.51E+00	5.85E-20	-4.34E-01	0.00E+00	-1.36E-09	-1.66E-08	-1.43E-03	0.00E+00	-2.17E-01	0.00E+00	-4.34E-01	-2.77E-05	-4.34E-01	-6.51E-01	-2.17E-01	0.00E+00	0.00E+00	0.00E+00	-6.63E+01
MFS716	-9.67E-03	-1.35E-01	-2.62E-03	-1.32E-01	0.00E+00	0.00E+00	-2.39E+00	-9.47E-04	-4.64E-04	-5.88E-03	0.00E+00	2.88E-21	-1.67E-09	-1.11E-07	-7.76E-03	-1.38E+00	0.00E+00	0.00E+00	-2.25E+00	9.80E-21	-1.34E+00	0.00E+00	-6.11E-09	-2.24E-08	-1.77E-03	0.00E+00	-3.28E-01	0.00E+00	-1.34E+00	-2.95E-05	-1.34E+00	-1.67E+00	-3.28E-01	0.00E+00	0.00E+00	0.00E+00	-9.56E+01
MFS720	-1.21E-02	-1.28E-01	-2.42E-03	-1.25E-01	0.00E+00	0.00E+00	-2.94E+00	-1.22E-03	-4.09E-04	-7.14E-03	0.00E+00	6.08E-21	-1.87E-09	-1.40E-07	-7.54E-03	-1.61E+00	0.00E+00	0.00E+00	-2.62E+00	2.21E-20	-1.28E+00	0.00E+00	-5.47E-09	-2.57E-08	-2.10E-03	0.00E+00	-3.65E-01	0.00E+00	-1.28E+00	-3.56E-05	-1.28E+00	-1.65E+00	-3.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
MFS725	-8.09E-04	-4.53E-02	1.71E-03	-4.70E-02	0.00E+00	0.00E+00	-1.24E-01	-1.93E-04	8.22E-04	-1.27E-03	0.00E+00	1.13E-20	-7.14E-10	-1.25E-08	-4.28E-03	-3.85E-01	0.00E+00	0.00E+00	-4.40E-01	4.36E-20	-2.94E-01	0.00E+00	8.39E-10	-5.99E-09	-4.14E-04	0.00E+00	-8.77E-02	0.00E+00	-2.94E-01	-7.47E-06	-2.94E-01	-3.82E-01	-8.77E-02	0.00E+00	0.00E+00	0.00E+00	-2.01E+01
MFS732	-1.76E-02	-1.65E-01	-3.84E-03	-1.61E-01	0.00E+00	0.00E+00	-4.27E+00	-1.75E-03	-7.97E-04	-1.02E-02	0.00E+00	7.47E-21	-2.55E-09	-2.04E-07	-3.40E-03	-1.88E+00	0.00E+00	0.00E+00	-3.59E+00	2.37E-20	-1.68E+00	0.00E+00	-8.13E-09	-3.55E-08	-2.96E-03	0.00E+00	-4.14E-01	0.00E+00	-1.68E+00	-5.21E-05	-1.68E+00	-2.09E+00	-4.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MHN506	-1.81E-03	2.34E-02	1.63E-03	2.18E-02	0.00E+00	0.00E+00	3.54E-02	-1.97E-04	1.87E-04	-1.04E-03	0.00E+00	4.60E-20	-4.05E-10	-2.89E-08	5.03E-04	-4.23E-01	0.00E+00	0.00E+00	-1.53E-01	1.53E-19	1.65E-01	0.00E+00	3.12E-09	-4.23E-09	-2.63E-04	0.00E+00	-5.11E-02	0.00E+00	1.65E-01	-7.79E-06	1.65E-01	8.60E-02	-5.11E-02	0.00E+00	0.00E+00	0.00E+00	-7.54E+00
MHN506A	-2.69E-03	1.78E-02	1.47E-03	2.54E-02	0.00E+00	0.00E+00	-2.37E-01	-3.63E-04	1.81E-04	-1.57E-03	0.00E+00	4.60E-20	-5.10E-10	-4.78E-08	-4.05E-04	-4.63E-01	0.00E+00	0.00E+00	-5.03E-01	1.53E-19	-5.84E-02	0.00E+00	1.25E-09	-6.96E-09	-5.75E-04	0.00E+00	-7.45E-02	0.00E+00	-5.84E-02	-1.44E-05	-5.84E-02	-1.37E-01	-7.45E-02	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
MHN510	6.24E-04	4.76E-02	2.75E-03	4.49E-02	0.00E+00	0.00E+00	7.02E-01	1.25E-06	3.62E-04	5.08E-04	0.00E+00	2.77E-20	6.63E-11	4.61E-09	3.87E-03	-1.96E-01	0.00E+00	0.00E+00	4.52E-01	9.34E-20	7.68E-01	0.00E+00	5.95E-09	2.64E-09	1.59E-04	0.00E+00	2.96E-02	0.00E+00	7.68E-01	5.85E-08	7.68E-01	7.98E-01	2.96E-02	0.00E+00	0.00E+00	0.00E+00	1.58E+01
MHN510A	-2.50E-03	2.00E-02	5.65E-04	1.54E-02	0.00E+00	0.00E+00	-2.59E-01	-3.00E-04	1.30E-04	-1.45E-03	0.00E+00	4.60E-20	-8.07E-10	-4.16E-08	-1.97E-05	-3.56E-01	0.00E+00	0.00E+00	-5.68E-01	1.53E-19	-4.56E-02	0.00E+00	5.87E-10	-6.92E-09	-5.89E-04	0.00E+00	-8.43E-02	0.00E+00	-4.56E-02	-1.20E-05	-4.56E-02	-1.54E-01	-8.43E-02	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
MHN516	-4.90E-03	-3.54E-02	2.96E-04	-3.57E-02	0.00E+00	0.00E+00	-8.00E-01	-4.97E-04	-1.87E-04	-2.72E-03	0.00E+00	1.93E-20	-6.54E-10	-5.69E-08	-5.43E-03	-8.60E-01	0.00E+00	0.00E+00	-8.10E-01	6.29E-20	-1.63E-01	0.00E+00	7.24E-10	-9.53E-09	-8.03E-04	0.00E+00	-1.66E-01	0.00E+00	-1.63E-01	-1.44E-05	-1.63E-01	-3.29E-01	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
MHN516A	-2.78E-03	2.06E-02	1.13E-03	1.69E-02	0.00E+00	0.00E+00	-2.75E-01	-3.19E-04	1.37E-04	-1.53E-03	0.00E+00	4.60E-20	-8.00E-10	-3.98E-08	-5.72E-04	-3.70E-01	0.00E+00	0.00E+00	-5.28E-01	1.53E-19	9.30E-03	0.00E+00	1.51E-09	-6.69E-09	-5.73E-04	0.00E+00	-8.60E-02	0.00E+00	9.30E-03	-1.05E-05	9.30E-03	-7.76E-02	-8.60E-02	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
MHN520	1.10E-03	3.90E-02	3.58E-03	3.55E-02	0.00E+00	0.00E+00	7.45E-01	-3.41E-06	7.56E-04	4.37E-04	0.00E+00	2.77E-20	2.02E-11	8.36E-09	3.93E-03	-1.02E-01	0.00E+00	0.00E+00	5.76E-01	9.31E-20	7.36E-01	0.00E+00	6.09E-09	2.45E-09	1.40E-04	0.00E+00	5.58E-02	0.00E+00	7.36E-01	-1.25E-07	7.36E-01	7.92E-01	5.58E-02	0.00E+00	0.00E+00	0.00E+00	2.10E+01
MHN520A	-4.05E-03	2.46E-02	1.19E-03	2.12E-02	0.00E+00	0.00E+00	-3.35E-01	-4.71E-04	2.55E-04	-1.97E-03	0.00E+00	4.60E-20	-8.12E-10	-3.82E-08	6.91E-04	-6.51E-01	0.00E+00	0.00E+00	-5.43E-01	1.53E-19	9.67E-02	0.00E+00	3.03E-09	-8.82E-09	-4.59E-04	0.00E+00	-5.49E-02	0.00E+00	9.67E-02	-1.08E-05	9.67E-02	5.11E-02	-5.49E-02	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
MHN525	8.10E-04	1.44E-01	4.33E-03	1.39E-01	0.00E+00	0.00E+00	6.71E-01	-6.48E-05	8.92E-04	9.38E-04	0.00E+00	4.21E-20	-3.28E-11	2.22E-09	5.02E-03	1.94E-01	0.00E+00	0.00E+00	5.53E-01	1.48E-19	9.94E-01	0.00E+00	8.93E-09	3.07E-09	2.42E-04	0.00E+00	1.08E-01	0.00E+00	9.94E-01	-2.30E-06	9.94E-01	1.10E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	1.92E+01
MHN525A	-5.15E-03	2.49E-02	1.15E-03	1.99E-02	0.00E+00	0.00E+00	-3.14E-01	-9.46E-04	2.53E-04	-2.51E-03	0.00E+00	4.60E-20	-1.25E-09	-6.53E-08	-2.42E-04	-6.16E-01	0.00E+00	0.00E+00	-4.34E-01	1.53E-19	9.42E-02	0.00E+00	2.60E-09	-1.04E-08	-8.08E-04	0.00E+00	-5.60E-02	0.00E+00	9.42E-02	-1.63E-05	9.42E-02	7.26E-02	-5.60E-02	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
MHN532	8.06E-04	6.04E-02	4.34E-03	5.61E-02	0.00E+00	0.00E+00	7.90E-01	-5.97E-05	9.11E-04	3.62E-04	0.00E+00	3.19E-20	9.79E-11	3.45E-09	4.68E-03	-2.28E-01	0.00E+00	0.00E+00	6.75E-01	1.08E-19	9.81E-01	0.00E+00	7.57E-09	3.12E-09	1.56E-04	0.00E+00	5.48E-02	0.00E+00	9.81E-01	-2.07E-06	9.81E-01	1.04E+00	5.48E-02	0.00E+00	0.00E+00	0.00E+00	2.44E+01
MHN532A	-4.65E-03	1.57E-02	1.14E-03	1.17E-02	0.00E+00	0.00E+00	-2.78E-01	-3.69E-04	3.49E-04	-2.24E-03	0.00E+00	4.60E-20	-9.11E-10	-7.00E-08	-1.72E-03	-4.24E-01	0.00E+00	0.00E+00	-4.39E-01	1.53E-19	6.56E-02	0.00E+00	1.84E-09	-1.21E-08	-5.21E-04	0.00E+00	-5.50E-02	0.00E+00	6.56E-02	-1.56E-05	6.56E-02	2.69E-04	-5.50E-02	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
MHN706	-3.69E-03	1.78E-02	1.62E-03	1.24E-03	0.00E+00	0.00E+00	-2.97E-01	-4.49E-04	1.58E-04	-1.55E-03	0.00E+00	4.60E-20	-9.50E-10	-4.99E-08	-1.65E-05	-8.04E-01	0.00E+00	0.00E+00	-6.12E-01	1.53E-19	-1.11E-01	0.00E+00	4.27E-09	-9.26E-09	-6.63E-04	0.00E+00	-1.17E-01	0.00E+00	-1.11E-01	-9.97E-06	-1.11E-01	-1.88E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
MHN710	-2.79E-03	1.84E-02	1.56E-03	1.18E-02	0.00E+00	0.00E+00	-2.17E-01	-2.98E-04	1.42E-04	-1.27E-03	0.00E+00	4.60E-20	-7.80E-10	-3.41E-08	2.07E-04	-4.29E-01	0.00E+00	0.00E+00	-5.16E-01	1.53E-19	-2.29E-02	0.00E+00	4.13E-09	-5.98E-09	-4.61E-04	0.00E+00	-9.02E-02	0.00E+00	-2.29E-02	-8.36E-06	-2.29E-02	-1.49E-01	-9.02E-02	0.00E+00	0.00E+00	0.00E+00	-2.21E+01
MHS506	-1.70E-03	2.95E-02	1.85E-03	2.87E-02	0.00E+00	0.00E+00	5.30E-02	-1.25E-04	2.38E-04	-8.70E-04	0.00E+00	4.60E-20	-3.03E-10	-2.53E-08	7.00E-04	-2.69E-01	0.00E+00	0.00E+00	-9.95E-02	1.53E-19	1.95E-01	0.00E+00	4.30E-09	-3.91E-09	-7.29E-05	0.00E+00	-1.72E-02	0.00E+00	1.95E-01	-6.97E-06	1.95E-01	1.33E-01	-1.72E-02	0.00E+00	0.00E+00	0.00E+00	-6.70E+00
MHS510	-1.87E-03	3.04E-02	1.91E-03	2.43E-02	0.00E+00	0.00E+00	6.86E-02	-9.78E-05	2.58E-04	-7.89E-04	0.00E+00	4.60E-20	-2.95E-10	-2.22E-08	1.29E-03	-2.78E-01	0.00E+00	0.00E+00	-6.60E-02	1.53E-19	1.81E-01	0.00E+00	4.34E-09	-3.11E-09	-4.32E-05	0.00E+00	-2.43E-02	0.00E+00	1.81E-01	-6.36E-06	1.81E-01	1.31E-01	-2.43E-02	0.00E+00	0.00E+00	0.00E+00	-5.90E+00
MHS516	1.01E-03	1.63E-01	3.74E-03	1.59E-01	0.00E+00	0.00E+00	7.56E-01	1.36E-06	5.49E-04	1.41E-03	0.00E+00	4.25E-20	1.52E-10	5.97E-09	5.03E-03	1.91E-01	0.00E+00	0.00E+00	6.31E-01	1.48E-19	1.09E+00	0.00E+00	9.11E-09	4.74E-09	3.78E-04	0.00E+00	1.05E-01	0.00E+00	1.09E+00	1.94E-07	1.09E+00	1.20E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MHT706	-2.11E-03	2.09E-02	9.95E-04	2.23E-02	0.00E+00	0.00E+00	-4.65E-01	-2.40E-04	1.24E-04	-1.12E-03	0.00E+00	4.60E-20	-1.09E-09	-2.23E-08	-5.78E-04	-8.49E-01	0.00E+00	0.00E+00	-7.28E-01	1.53E-19	-1.72E-03	0.00E+00	1.86E-09	-9.06E-09	-5.10E-04	0.00E+00	-1.80E-01	0.00E+00	-1.72E-03	-7.45E-06	-1.72E-03	-1.69E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+01
MHT710	-1.19E-03	1.81E-02	9.46E-04	1.90E-02	0.00E+00	0.00E+00	-3.38E-01	-4.09E-05	1.42E-04	-8.14E-04	0.00E+00	4.60E-20	-6.51E-10	-8.23E-09	-6.35E-05	-6.82E-01	0.00E+00	0.00E+00	-4.92E-01	1.53E-19	-6.44E-02	0.00E+00	1.86E-09	-6.15E-09	-3.38E-04	0.00E+00	-1.14E-01	0.00E+00	-6.44E-02	-2.95E-06	-6.44E-02	-2.31E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
MHT716	-2.38E-03	1.98E-02	1.02E-03	2.00E-02	0.00E+00	0.00E+00	-5.67E-01	-1.70E-04	1.40E-04	-1.24E-03	0.00E+00	4.60E-20	-1.12E-09	-2.09E-08	3.49E-05	-8.39E-01	0.00E+00	0.00E+00	-8.07E-01	1.53E-19	-6.16E-02	0.00E+00	1.56E-09	-8.24E-09	-4.78E-04	0.00E+00	-1.84E-01	0.00E+00	-6.16E-02	-4.08E-06	-6.16E-02	-2.30E-01	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-3.75E+01
MHT720	-4.23E-03	1.30E-02	7.99E-04	2.10E-02	0.00E+00	0.00E+00	-8.95E-01	-3.97E-04	1.18E-04	-2.00E-03	0.00E+00	4.60E-20	-1.21E-09	-5.51E-08	-2.67E-04	-1.07E+00	0.00E+00	0.00E+00	-1.02E+00	1.53E-19	-2.26E-02	0.00E+00	1.01E-09	-1.13E-08	-6.90E-04	0.00E+00	-1.86E-01	0.00E+00	-2.26E-02	-1.07E-05	-2.26E-02	-1.90E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-4.76E+01
MHT725	-4.96E-03	1.16E-02	8.36E-04	2.14E-02	0.00E+00	0.00E+00	-9.38E-01	-5.47E-04	1.23E-04	-2.07E-03	0.00E+00	4.60E-20	-1.32E-09	-6.10E-08	-4.53E-04	-1.09E+00	0.00E+00	0.00E+00	-1.06E+00	1.53E-19	-7.44E-02	0.00E+00	9.06E-10	-1.13E-08	-7.62E-04	0.00E+00	-1.88E-01	0.00E+00	-7.44E-02	-1.26E-05	-7.44E-02	-2.21E-01	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-4.96E+01
MHT732	-8.80E-03	-4.74E-03	7.56E-04	1.61E-02	0.00E+00	0.00E+00	-1.43E+00	-1.02E-03	2.41E-06	-4.23E-03	0.00E+00	4.60E-20	-1.45E-09	-1.24E-07	-1.74E-03	-1.19E+00	0.00E+00	0.00E+00	-1.45E+00	1.53E-19	-1.00E-01	0.00E+00	-1.54E-09	-1.59E-08	-1.15E-03	0.00E+00	-2.27E-01	0.00E+00	-1.00E-01	-3.21E-05	-1.00E-01	-3.52E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-6.78E+01
MHT740	-5.57E-03	1.03E-02	1.02E-03	4.89E-02	0.00E+00	0.00E+00	-9.66E-01	-5.29E-04	2.62E-04	-2.38E-03	0.00E+00	4.60E-20	-1.30E-09	-6.23E-08	-1.60E-03	-7.15E-01	0.00E+00	0.00E+00	-1.03E+00	1.53E-19	8.62E-03	0.00E+00	1.43E-09	-1.04E-08	-4.92E-04	0.00E+00	-1.97E-01	0.00E+00	8.62E-03	-1.08E-05	8.62E-03	-1.76E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-4.67E+01
MJ506J	-2.48E-03	1.55E-02	1.41E-03	2.40E-02	0.00E+00	0.00E+00	-2.12E-01	-3.09E-04	1.71E-04	-1.46E-03	0.00E+00	4.60E-20	-4.59E-10	-3.80E-08	-6.51E-04	-4.47E-01	0.00E+00	0.00E+00	-4.76E-01	1.53E-19	-5.11E-02	0.00E+00	1.45E-09	-6.55E-09	-5.59E-04	0.00E+00	-7.50E-02	0.00E+00	-5.11E-02	-1.24E-05	-5.11E-02	-1.48E-01	-7.50E-02	0.00E+00	0.00E+00	0.00E+00	-2.02E+01
MJ510J	-2.60E-03	1.75E-02	5.62E-04	9.08E-03	0.00E+00	0.00E+00	-2.94E-01	-2.86E-04	1.15E-04	-1.46E-03	0.00E+00	4.60E-20	-8.63E-10	-4.59E-08	-4.46E-04	-4.46E-01	0.00E+00	0.00E+00	-6.42E-01	1.53E-19	-7.11E-02	0.00E+00	-2.49E-10	-7.92E-09	-6.43E-04	0.00E+00	-1.10E-01	0.00E+00	-7.11E-02	-1.23E-05	-7.11E-02	-1.82E-01	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
MJ516J	-2.75E-03	1.88E-02	1.14E-03	1.42E-02	0.00E+00	0.00E+00	-2.37E-01	-3.53E-04	1.30E-04	-1.48E-03	0.00E+00	4.60E-20	-7.57E-10	-3.52E-08	-7.56E-04	-3.34E-01	0.00E+00	0.00E+00	-5.44E-01	1.53E-19	2.98E-02	0.00E+00	1.82E-09	-6.76E-09	-5.23E-04	0.00E+00	-9.08E-02	0.00E+00	2.98E-02	-9.73E-06	2.98E-02	-6.00E-02	-9.08E-02	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
MJ520J	-3.59E-03	2.13E-02	1.56E-03	1.83E-02	0.00E+00	0.00E+00	-3.59E-01	-2.62E-04	2.72E-04	-1.90E-03	0.00E+00	4.60E-20	-9.87E-10	-3.75E-08	6.35E-04	-6.87E-01	0.00E+00	0.00E+00	-5.57E-01	1.53E-19	9.04E-02	0.00E+00	3.33E-09	-7.51E-09	-4.72E-04	0.00E+00	-9.16E-02	0.00E+00	9.04E-02	-1.31E-05	9.04E-02	4.33E-02	-9.16E-02	0.00E+00	0.00E+00	0.00E+00	-2.75E+01
MJ525J	-5.30E-03	2.07E-02	9.33E-04	1.52E-02	0.00E+00	0.00E+00	-3.29E-01	-1.06E-03	2.13E-04	-2.92E-03	0.00E+00	4.60E-20	-1.30E-09	-7.12E-08	-4.44E-04	-7.40E-01	0.00E+00	0.00E+00	-5.76E-01	1.53E-19	3.38E-02	0.00E+00	9.52E-10	-1.23E-08	-1.15E-03	0.00E+00	-7.20E-02	0.00E+00	3.38E-02	-2.27E-05	3.38E-02	3.31E-02	-7.20E-02	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
MJ532J	-4.97E-03	9.62E-03	1.55E-03	1.16E-02	0.00E+00	0.00E+00	-3.62E-01	-3.16E-04	3.37E-04	-2.40E-03	0.00E+00	4.60E-20	-1.09E-09	-5.63E-08	-1.72E-03	-5.86E-01	0.00E+00	0.00E+00	-5.60E-01	1.53E-19	4.39E-02	0.00E+00	2.42E-09	-1.12E-08	-3.74E-04	0.00E+00	-1.04E-01	0.00E+00	4.39E-02	-1.34E-05	4.39E-02	-1.72E-02	-1.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.74E+01
MJ540J	-7.19E-03	5.16E-03	7.56E-04	1.27E-02	0.00E+00	0.00E+00	-1.05E+00	-9.62E-04	1.98E-04	-4.11E-03	0.00E+00	4.60E-20	-1.41E-09	-9.72E-08	-2.99E-03	-4.39E-01	0.00E+00	0.00E+00	-1.14E+00	1.53E-19	-9.73E-02	0.00E+00	-4.56E-10	-1.69E-08	-1.21E-03	0.00E+00	-1.27E-01	0.00E+00	-9.73E-02	-2.89E-05	-9.73E-02	-2.78E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-4.70E+01
MJ706P	-3.81E-03	-3.52E-03	1.26E-03	-1.16E-03	0.00E+00	0.00E+00	-8.89E-01	-4.46E-04	-1.11E-04	-2.24E-03	0.00E+00	4.60E-20	-9.36E-10	-4.25E-08	-1.52E-04	-6.44E-01	0.00E+00	0.00E+00	-9.36E-01	1.53E-19	-1.61E-01	0.00E+00	-2.87E-10	-1.62E-08	-6.66E-04	0.00E+00	-1.62E-01	0.00E+00	-1.61E-01	-1.30E-05	-1.61E-01	-3.21E-01	-1.62E-01	0.00E+00	0.00E+00	0.00E+00	-4.42E+01
MJ710P	-2.87E-03	1.13E-03	1.19E-03	-1.99E-03	0.00E+00	0.00E+00	-8.88E-01	-2.89E-04	-1.23E-04	-1.91E-03	0.00E+00	4.60E-20	-9.26E-10	-4.15E-08	3.93E-04	-6.22E-01	0.00E+00	0.00E+00	-9.21E-01	1.53E-19	-1.47E-01	0.00E+00	5.30E-11	-1.60E-08	-6.67E-04	0.00E+00	-1.56E-01	0.00E+00	-1.47E-01	-1.25E-05	-1.47E-01	-3.24E-01	-1.56E-01	0.00E+00	0.00E+00	0.00E+00	-4.33E+01
MJ716P	-5.42E-03	1.14E-03	1.29E-03	1.55E-04	0.00E+00	0.00E+00	-1.39E+00	-6.38E-04	-1.46E-04	-2.97E-03	0.00E+00	4.60E-20	-1.17E-09	-7.17E-08	-3.19E-04	-6.69E-01	0.00E+00	0.00E+00	-1.25E+00	1.53E-19	-1.72E-01	0.00E+00	1.81E-10	-1.88E-08	-7.45E-04	0.00E+00	-1.60E-01	0.00E+00	-1.72E-01	-2.07E-05	-1.72E-01	-3.46E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-5.84E+01
MJ720P	-6.38E-03	9.67E-04	1.31E-03	6.93E-04	0.00E+00	0.00E+00	-1.50E+00	-9.00E-04	-1.58E-04	-4.09E-03	0.00E+00	4.60E-20	-1.40E-09	-8.12E-08	-3.59E-04	-7.83E-01	0.00E+00	0.00E+00	-1.48E+00	1.53E-19	-1.74E-01	0.00E+00	1.33E-10	-2.07E-08	-7.55E-04	0.00E+00	-1.61E-01	0.00E+00	-1.74E-01	-2.27E-05	-1.74E-01	-3.43E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-6.80E+01
MJ725P	-9.53E-03	-1.42E-02	1.27E-03	-7.39E-03	0.00E+00	0.00E+00	-1.63E+00	-9.79E-04	-1.80E-04	-4.74E-03	0.00E+00	4.60E-20	-1.44E-09	-1.03E-07	-9.56E-04	-9.10E-01	0.00E+00	0.00E+00	-1.61E+00	1.53E-19	-2.49E-01	0.00E+00	-1.17E-09	-2.16E-08	-8.45E-04	0.00E+00	-1.90E-01	0.00E+00	-2.49E-01	-2.84E-05	-2.49E-01	-5.15E-01	-1.90E-01	0.00E+00	0.00E+00	0.00E+00	-7.33E+01
MJ732P	-1.00E-02	-1.50E-02	9.55E-04	-8.59E-03	0.00E+00	0.00E+00	-1.76E+00	-1.01E-03	-1.70E-04	-5.04E-03	0.00E+00	4.60E-20	-1.56E-09	-1.08E-07	-1.03E-03	-8.28E-01	0.00E+00	0.00E+00	-1.69E+00	1.53E-19	-2.71E-01	0.00E+00	-1.22E-09	-2.24E-08	-9.12E-04	0.00E+00	-1.88E-01	0.00E+00	-2.71E-01	-2.96E-05	-2.71E-01	-5.87E-01	-1.88E-01	0.00E+00	0.00E+00	0.00E+00	-7.64E+01
MJ740P	-9.90E-03	-1.47E-02	8.99E-04	6.04E-03	0.00E+00	0.00E+00	-1.70E+00	-9.55E-04	-1.57E-04	-4.88E-03	0.00E+00	4.60E-20	-1.51E-09	-9.79E-08	-1.09E-03	-8.20E-01	0.00E+00	0.00E+00	-1.61E+00	1.53E-19	-2.58E-01	0.00E+00	-9.89E-10	-2.15E-08	-8.90E-04	0.00E+00	-1.95E-01	0.00E+00	-2.58E-01	-2.56E-05	-2.58E-01	-5.92E-01	-1.95E-01	0.00E+00	0.00E+00	0.00E+00	-7.58E+01
MJN502A	-2.49E-03	2.39E-02	1.36E-03	2.65E-02	0.00E+00	0.00E+00	-1.89E-01	-2.79E-04	1.42E-04	-1.25E-03	0.00E+00	4.60E-20	-7.02E-10	-3.66E-08	-3.42E-04	-3.88E-01	0.00E+00	0.00E+00	-4.30E-01	1.53E-19	2.68E-02	0.00E+00	2.30E-09	-6.03E-09	-4.87E-04	0.00E+00	-6.73E-02	0.00E+00	2.68E-02	-1.06E-05	2.68E-02	-4.84E-02	-6.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.91E+01
MJN504	-1.70E-03	2.67E-02	1.74E-03	2.14E-02	0.00E+00	0.00E+00	5.39E-02	-1.90E-04	1.86E-04	-1.02E-03	0.00E+00	4.60E-20	-3.76E-10	-2.75E-08	5.52E-04	-3.72E-01	0.00E+00	0.00E+00	-1.18E-01	1.53E-19	1.87E-01	0.00E+00	3.00E-09	-4.57E-09	-3.01E-04	0.00E+00	-4.12E-02	0.00E+00	1.87E-01	-6.58E-06	1.87E-01	1.39E-01	-4.12E-02	0.00E+00	0.00E+00	0.00E+00	-7.20E+00
MJN504A	-2.59E-03	2.35E-02	1.49E-03	2.60E-02	0.00E+00	0.00E+00	-2.25E-01	-3.05E-04	1.79E-04	-1.48E-03	0.00E+00	4.60E-20	-5.91E-10	-3.60E-08	-3.70E-04	-3.80E-01	0.00E+00	0.00E+00	-4.58E-01	1.53E-19	2.02E-02	0.00E+00	1.86E-09	-6.62E-09	-6.05E-04	0.00E+00	-5.32E-02	0.00E+00	2.02E-02	-1.16E-05	2.02E-02	-3.95E-02	-5.32E-02	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
MJN506	-1.66E-03	2.34E-02	1.61E-03	2.15E-02	0.00E+00	0.00E+00	1.25E-02	-1.95E-04	1.87E-04	-9.89E-04	0.00E+00	4.60E-20	-3.62E-10	-2.72E-08	3.49E-04	-4.20E-01	0.00E+00	0.00E+00	-1.64E-01	1.53E-19	1.59E-01	0.00E+00	3.37E-09	-4.39E-09	-2.49E-04	0.00E+00	-5.14E-02	0.00E+00	1.59E-01	-7.98E-06	1.59E-01	7.76E-02	-5.14E-02	0.00E+00	0.00E+00	0.00E+00	-9.06E+00
MJN506A	-6.17E-03	-1.31E-01	-2.12E-03	-1.29E-01	0.00E+00	0.00E+00	-1.66E+00	-6.00E-04	-3.03E-04	-4.11E-03	0.00E+00	3.00E-21	-1.48E-09	-6.94E-08	-2.14E-03	-9.05E-01	0.00E+00	0.00E+00	-1.66E+00	8.01E-21	-1.31E+00	0.00E+00	-6.06E-09	-1.77E-08	-1.33E-03	0.00E+00	-2.15E-01	0.00E+00	-1.31E+00	-1.80E-05	-1.31E+00	-1.52E+00	-2.15E-01	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
MJN510	-4.40E-04	-8.55E-02	-2.74E-04	-8.53E-02	0.00E+00	0.00E+00	-1.89E-01	-6.13E-05	2.10E-04	-9.87E-04	0.00E+00	3.80E-21	-7.71E-10	-3.72E-09	-7.17E-03	-5.90E-01	0.00E+00	0.00E+00	-6.25E-01	1.46E-20	-7.99E-01	0.00E+00	-2.60E-09	-7.24E-09	-4.15E-04	0.00E+00	-1.60E-01	0.00E+00	-7.99E-01	-2.79E-06	-7.99E-01	-9.58E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
MJN510A	-5.08E-03	1.46E-02	-6.90E-04	1.53E-02	0.00E+00	0.00E+00	-1.21E+00	-5.16E-04	-1.96E-04	-2.53E-03	0.00E+00	2.34E-20	-1.20E-09	-5.96E-08	2.23E-04	-5.02E-01	0.00E+00	0.00E+00	-1.28E+00	8.33E-20	-6.05E-01	0.00E+00	-7.29E-10	-1.26E-08	-8.90E-04	0.00E+00	-1.24E-01	0.00E+00	-6.05E-01	-1.57E-05	-6.05E-01	-7.29E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-5.59E+01
MJN513A	-2.75E-03	2.16E-02	1.21E-03	1.72E-02	0.00E+00	0.00E+00	-2.68E-01	-3.45E-04	1.40E-04	-1.41E-03	0.00E+00	4.60E-20	-7.29E-10	-3.98E-08	4.86E-04	-3.52E-01	0.00E+00	0.00E+00	-5.13E-01	1.53E-19	5.21E-02	0.00E+00	2.57E-09	-6.57E-09	-5.24E-04	0.00E+00	-7.67E-02	0.00E+00	5.21E-02	-1.12E-05	5.21E-02	-1.09E-02	-7.67E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
MJN516	6.67E-04	4.54E-02	2.99E-03	4.24E-02	0.00E+00	0.00E+00	7.38E-01	1.43E-06	3.83E-04	5.02E-04	0.00E+00	2.92E-20	1.36E-10	4.96E-09	3.95E-03	-2.93E-01	0.00E+00	0.00E+00	5.77E-01	9.55E-20	8.04E-01	0.00E+00	6.00E-09	2.88E-09	1.64E-04	0.00E+00	2.71E-02	0.00E+00	8.04E-01	1.61E-07	8.04E-01	8.31E-01	2.71E-02	0.00E+00	0.00E+00	0.00E+00	2.12E+01
MJN516A	-4.77E-03	-7.54E-03	9.81E-04	-8.52E-03	0.00E+00	0.00E+00	-6.00E-01	-4.92E-04	-1.64E-04	-2.46E-03	0.00E+00	2.52E-20	-5.04E-10	-5.61E-08	-4.39E-03	-6.76E-01	0.00E+00	0.00E+00	-6.11E-01	8.27E-20	1.61E-01	0.00E+00	2.66E-09	-7.66E-09	-6.99E-04	0.00E+00	-1.18E-01	0.00E+00	1.61E-01	-1.41E-05	1.61E-01	4.25E-02	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
MJN520	1.10E-03	4.01E-02	3.60E-03	3.65E-02	0.00E+00	0.00E+00	8.44E-01	1.42E-06	7.59E-04	4.79E-04	0.00E+00	2.63E-20	6.13E-11	8.78E-09	-2.45E-03	-2.14E-01	0.00E+00	0.00E+00	4.48E-01	9.27E-20	7.70E-01	0.00E+00	6.75E-09	2.74E-09	1.78E-04	0.00E+00	-2.05E-03	0.00E+00	7.70E-01	-2.34E-08	7.70E-01	7.68E-01	-2.05E-03	0.00E+00	0.00E+00	0.00E+00	1.59E+01
MJN520A	8.98E-05	-2.80E-02	1.78E-03	-2.98E-02	0.00E+00	0.00E+00	1.81E-01	-7.79E-05	6.33E-04	-5.48E-04	0.00E+00	1.61E-20	-5.52E-10	-1.27E-09	1.64E-03	-2.97E-01	0.00E+00	0.00E+00	-1.32E-01	5.57E-20	-8.63E-02	0.00E+00	1.48E-09	-3.46E-09	-2.22E-04	0.00E+00	-3.34E-02	0.00E+00	-8.63E-02	-3.25E-06	-8.63E-02	-1.20E-01	-3.34E-02	0.00E+00	0.00E+00	0.00E+00	-7.71E+00
MJN525	3.87E-04	6.07E-02	2.57E-03	5.81E-02	0.00E+00	0.00E+00	1.83E-01	-8.09E-05	8.22E-04	1.29E-04	0.00E+00	2.72E-20	-5.15E-10	-9.37E-11	-4.32E-03	-7.48E-02	0.00E+00	0.00E+00	-8.15E-02	9.90E-20	9.84E-03	0.00E+00	3.74E-09	-2.79E-09	-8.14E-05	0.00E+00	-2.42E-02	0.00E+00	9.84E-03	-3.23E-06	9.84E-03	-1.44E-02	-2.42E-02	0.00E+00	0.00E+00	0.00E+00	-5.04E+00
MJN525A	1.36E-03	6.05E-02	4.49E-03	5.60E-02	0.00E+00	0.00E+00	9.80E-01	1.86E-06	9.09E-04	6.69E-04	0.00E+00	3.22E-20	1.84E-10	1.05E-08	-1.75E-03	-7.05E-02	0.00E+00	0.00E+00	7.19E-01	1.10E-19	9.68E-01	0.00E+00	8.02E-09	3.91E-09	2.41E-04	0.00E+00	4.57E-02	0.00E+00	9.68E-01	1.63E-07	9.68E-01	1.01E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	2.70E+01
MJN532	1.28E-03	3.21E-02	3.69E-03	2.84E-02	0.00E+00	0.00E+00	7.72E-01	-3.56E-06	9.51E-04	3.85E-04	0.00E+00	2.43E-20	-6.78E-11	1.02E-08	-2.78E-03	-6.28E-02	0.00E+00	0.00E+00	3.72E-01	8.73E-20	6.21E-01	0.00E+00	6.21E-09	1.85E-09	1.32E-04	0.00E+00	1.30E-02	0.00E+00	6.21E-01	-3.08E-07	6.21E-01	6.34E-01	1.30E-02	0.00E+00	0.00E+00	0.00E+00	1.28E+01
MJN532A	5.70E-04	8.77E-02	3.10E-03	8.46E-02	0.00E+00	0.00E+00	3.65E-01	-7.60E-05	9.10E-04	3.85E-04	0.00E+00	3.09E-20	-4.70E-10	1.23E-09	-3.37E-03	6.33E-02	0.00E+00	0.00E+00	-4.45E-02	1.16E-19	2.73E-01	0.00E+00	5.56E-09	-1.33E-09	1.70E-05	0.00E+00	2.08E-03	0.00E+00	2.73E-01	-3.12E-06	2.73E-01	2.75E-01	2.08E-03	0.00E+00	0.00E+00	0.00E+00	-4.46E+00
MJN540A	-8.15E-03	1.01E-02	7.30E-04	9.53E-03	0.00E+00	0.00E+00	-1.10E+00	-8.20E-04	2.37E-04	-4.31E-03	0.00E+00	4.60E-20	-1.52E-09	-8.85E-08	-2.95E-03	-5.95E-01	0.00E+00	0.00E+00	-1.17E+00	1.53E-19	-1.18E-01	0.00E+00	-6.29E-10	-1.56E-08	-1.16E-03	0.00E+00	-1.53E-01	0.00E+00	-1.18E-01	-2.62E-05	-1.18E-01	-2.68E-01	-1.53E-01	0.00E+00	0.00E+00	0.00E+00	-5.06E+01
MJN702	-3.14E-03	1.86E-02	2.03E-03	1.79E-02	0.00E+00	0.00E+00	-2.48E-01	-3.16E-04	1.51E-04	-9.78E-04	0.00E+00	4.60E-20	-8.40E-10	-2.92E-08	-4.99E-04	-7.40E-01	0.00E+00	0.00E+00	-4.75E-01	1.53E-19	-5.62E-02	0.00E+00	3.78E-09	-6.73E-09	-5.06E-04	0.00E+00	-1.02E-01	0.00E+00	-5.62E-02	-7.00E-06	-5.62E-02	-2.21E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
MJN706	-3.54E-03	1.55E-02	1.56E-03	5.98E-04	0.00E+00	0.00E+00	-3.11E-01	-4.15E-04	1.60E-04	-1.44E-03	0.00E+00	4.60E-20	-8.91E-10	-4.62E-08	-1.16E-05	-7.16E-01	0.00E+00	0.00E+00	-6.15E-01	1.53E-19	-1.17E-01	0.00E+00	4.28E-09	-7.91E-09	-5.88E-04	0.00E+00	-1.17E-01	0.00E+00	-1.17E-01	-9.73E-06	-1.17E-01	-2.08E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
MJN710	-2.77E-03	1.72E-02	1.65E-03	9.69E-03	0.00E+00	0.00E+00	-2.35E-01	-3.69E-04	1.43E-04	-1.35E-03	0.00E+00	4.60E-20	-8.93E-10	-3.37E-08	-8.40E-05	-4.81E-01	0.00E+00	0.00E+00	-5.48E-01	1.53E-19	-3.53E-02	0.00E+00	4.04E-09	-6.42E-09	-4.31E-04	0.00E+00	-1.16E-01	0.00E+00	-3.53E-02	-7.77E-06	-3.53E-02	-1.39E-01	-1.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+01
MJN716	-2.92E-03	1.83E-02	1.78E-03	1.18E-02	0.00E+00	0.00E+00	-1.90E-01	-3.47E-04	1.55E-04	-1.30E-03	0.00E+00	4.60E-20	-8.07E-10	-3.86E-08	-7.93E-04	-4.19E-01	0.00E+00	0.00E+00	-4.79E-01	1.53E-19	-2.50E-03	0.00E+00	5.15E-09	-7.63E-09	-5.21E-04	0.00E+00	-9.37E-02	0.00E+00	-2.50E-03	-1.02E-05	-2.50E-03	-1.06E-01	-9.37E-02	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
MJN720	-3.13E-03	2.08E-02	2.06E-03	1.38E-02	0.00E+00	0.00E+00	-1.79E-01	-4.25E-04	2.32E-04	-1.79E-03	0.00E+00	4.60E-20	-8.04E-10	-4.13E-08	-8.82E-04	-5.27E-01	0.00E+00	0.00E+00	-4.18E-01	1.53E-19	6.23E-02	0.00E+00	6.12E-09	-7.67E-09	-5.58E-04	0.00E+00	-8.02E-02	0.00E+00	6.23E-02	-1.20E-05	6.23E-02	7.76E-03	-8.02E-02	0.00E+00	0.00E+00	0.00E+00	-1.98E+01
MJN725	-3.18E-03	6.05E-03	2.60E-03	7.85E-03	0.00E+00	0.00E+00	-1.53E-01	-3.79E-04	2.82E-04	-1.20E-03	0.00E+00	4.60E-20	-9.01E-10	-4.19E-08	-9.41E-04	-6.67E-01	0.00E+00	0.00E+00	-3.94E-01	1.53E-19	4.99E-02	0.00E+00	5.41E-09	-8.57E-09	-6.48E-04	0.00E+00	-1.08E-01	0.00E+00	4.99E-02	-1.22E-05	4.99E-02	-6.50E-02	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
MJN732	-3.46E-03	3.71E-03	2.26E-03	2.53E-03	0.00E+00	0.00E+00	-1.66E-01	-3.84E-04	2.76E-04	-1.47E-03	0.00E+00	4.60E-20	-9.80E-10	-4.66E-08	-1.31E-03	-6.31E-01	0.00E+00	0.00E+00	-4.29E-01	1.53E-19	3.75E-02	0.00E+00	5.71E-09	-1.00E-08	-6.04E-04	0.00E+00	-1.09E-01	0.00E+00	3.75E-02	-1.36E-05	3.75E-02	-8.94E-02	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+01
MJN740	-3.82E-03	6.29E-03	2.07E-03	1.02E-02	0.00E+00	0.00E+00	-4.25E-01	-4.86E-04	2.75E-04	-1.78E-03	0.00E+00	4.60E-20	-1.10E-09	-4.44E-08	-2.20E-03	-5.73E-01	0.00E+00	0.00E+00	-6.34E-01	1.53E-19	-3.20E-02	0.00E+00	5.14E-09	-9.68E-09	-7.73E-04	0.00E+00	-1.24E-01	0.00E+00	-3.20E-02	-1.26E-05	-3.20E-02	-2.18E-01	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-3.18E+01
MJS502	-1.69E-03	3.10E-02	1.80E-03	2.22E-02	0.00E+00	0.00E+00	6.98E-02	-1.23E-04	1.90E-04	-9.93E-04	0.00E+00	4.60E-20	-3.79E-10	-2.22E-08	5.93E-04	-2.53E-01	0.00E+00	0.00E+00	-9.44E-02	1.53E-19	1.90E-01	0.00E+00	4.03E-09	-3.83E-09	-1.47E-04	0.00E+00	-2.40E-02	0.00E+00	1.90E-01	-6.37E-06	1.90E-01	1.54E-01	-2.40E-02	0.00E+00	0.00E+00	0.00E+00	-6.25E+00

MJS504	-1.96E-03	3.26E-02	1.88E-03	2.73E-02	0.00E+00	0.00E+00	4.74E-02	-1.45E-04	2.36E-04	-9.45E-04	0.00E+00	4.60E-20	-3.18E-10	-2.56E-08	4.52E-04	-2.96E-01	0.00E+00	0.00E+00	-1.11E-01	1.53E-19	2.12E-01	0.00E+00	3.93E-09	-4.27E-09	-9.69E-05	0.00E+00	-2.74E-02	0.00E+00	2.12E-01	-6.57E-06	2.12E-01	1.63E-01	-2.74E-02	0.00E+00	0.00E+00	0.00E+00	-6.85E+00
MJS506	-1.80E-03	2.95E-02	1.85E-03	2.80E-02	0.00E+00	0.00E+00	4.76E-02	-1.37E-04	2.37E-04	-9.06E-04	0.00E+00	4.60E-20	-3.18E-10	-2.61E-08	5.50E-04	-2.78E-01	0.00E+00	0.00E+00	-1.07E-01	1.53E-19	1.95E-01	0.00E+00	4.26E-09	-3.97E-09	-9.55E-05	0.00E+00	-1.89E-02	0.00E+00	1.95E-01	-7.07E-06	1.95E-01	1.31E-01	-1.89E-02	0.00E+00	0.00E+00	0.00E+00	-6.96E+00
MJS510	-1.82E-03	2.72E-02	1.91E-03	2.26E-02	0.00E+00	0.00E+00	4.54E-02	-1.11E-04	2.57E-04	-7.89E-04	0.00E+00	4.60E-20	-3.55E-10	-2.12E-08	1.10E-03	-2.68E-01	0.00E+00	0.00E+00	-8.43E-02	1.53E-19	9.09E-02	0.00E+00	4.58E-09	-4.13E-09	-1.16E-04	0.00E+00	-2.25E-02	0.00E+00	9.09E-02	-6.44E-06	9.09E-02	5.01E-02	-2.25E-02	0.00E+00	0.00E+00	0.00E+00	-6.26E+00
MJS516	-1.52E-04	6.24E-02	1.47E-03	6.09E-02	0.00E+00	0.00E+00	3.25E-02	-7.85E-05	3.98E-04	1.11E-04	0.00E+00	2.45E-20	-4.78E-10	-4.40E-09	-4.85E-03	-5.93E-04	0.00E+00	0.00E+00	-2.16E-01	8.93E-20	-6.36E-02	0.00E+00	2.87E-09	-3.00E-09	-9.65E-05	0.00E+00	-2.90E-02	0.00E+00	-6.36E-02	-3.07E-06	-6.36E-02	-9.25E-02	-2.90E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
MJT702	-3.70E-03	9.73E-02	1.69E-03	9.56E-02	0.00E+00	0.00E+00	-3.87E-01	-4.03E-04	-8.19E-05	-1.15E-03	0.00E+00	4.24E-20	-4.86E-10	-4.57E-08	-1.96E-03	-1.02E+00	0.00E+00	0.00E+00	-4.36E-01	1.46E-19	3.97E-01	0.00E+00	5.52E-09	-5.66E-09	-4.12E-04	0.00E+00	-1.50E-01	0.00E+00	3.97E-01	-1.16E-05	3.97E-01	2.47E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+01
MJT706	-1.79E-06	4.35E-02	7.51E-04	4.27E-02	0.00E+00	0.00E+00	1.27E-02	-3.42E-05	2.17E-04	1.76E-04	0.00E+00	2.41E-20	-6.97E-10	-1.05E-09	-3.97E-03	-3.71E-01	0.00E+00	0.00E+00	-4.17E-01	9.04E-20	-3.14E-01	0.00E+00	1.73E-09	-4.55E-09	-1.41E-04	0.00E+00	-9.83E-02	0.00E+00	-3.14E-01	-1.69E-06	-3.14E-01	-4.13E-01	-9.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
MJT710	-1.01E-04	-8.17E-02	-2.02E-05	-8.17E-02	0.00E+00	0.00E+00	-1.16E-01	-2.91E-05	1.80E-04	-7.85E-04	0.00E+00	8.66E-21	-7.70E-10	-9.34E-11	-2.51E-04	-5.32E-01	0.00E+00	0.00E+00	-3.86E-01	2.67E-20	-6.93E-01	0.00E+00	-2.28E-09	-6.60E-09	-3.84E-04	0.00E+00	-1.01E-01	0.00E+00	-6.93E-01	-1.54E-06	-6.93E-01	-7.94E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+01
MJT716	5.15E-04	2.83E-02	2.48E-03	2.58E-02	0.00E+00	0.00E+00	6.40E-01	-3.74E-06	3.33E-04	3.32E-04	0.00E+00	2.76E-20	-8.18E-11	3.91E-09	3.54E-03	-5.32E-01	0.00E+00	0.00E+00	3.19E-01	9.38E-20	5.92E-01	0.00E+00	5.18E-09	1.12E-09	7.79E-05	0.00E+00	-2.97E-02	0.00E+00	5.92E-01	-2.39E-07	5.92E-01	5.62E-01	-2.97E-02	0.00E+00	0.00E+00	0.00E+00	1.03E+01
MJT720	6.96E-04	-3.54E-02	2.03E-03	-3.75E-02	0.00E+00	0.00E+00	3.14E-01	-1.94E-05	6.80E-04	-2.85E-04	0.00E+00	1.56E-20	-4.65E-10	6.03E-09	-3.72E-03	-5.54E-01	0.00E+00	0.00E+00	-7.96E-03	5.49E-20	-1.50E-01	0.00E+00	1.56E-09	-3.13E-09	-1.61E-04	0.00E+00	-8.98E-02	0.00E+00	-1.50E-01	-1.03E-06	-1.50E-01	-2.40E-01	-8.98E-02	0.00E+00	0.00E+00	0.00E+00	-1.60E+00
MJT725	-1.11E-02	-8.22E-02	-1.24E-03	-8.10E-02	0.00E+00	0.00E+00	-2.35E+00	-1.11E-03	-4.83E-04	-6.19E-03	0.00E+00	1.87E-20	-1.50E-09	-1.29E-07	-2.13E-04	-1.64E+00	0.00E+00	0.00E+00	-2.03E+00	6.14E-20	-6.37E-01	0.00E+00	-2.21E-09	-2.11E-08	-1.79E-03	0.00E+00	-2.97E-01	0.00E+00	-6.37E-01	-3.25E-05	-6.37E-01	-9.33E-01	-2.97E-01	0.00E+00	0.00E+00	0.00E+00	-8.90E+01
MJT732	-1.24E-02	-1.42E-01	-2.70E-03	-1.39E-01	0.00E+00	0.00E+00	-3.01E+00	-1.22E-03	-5.75E-04	-7.31E-03	0.00E+00	9.16E-21	-2.02E-09	-1.42E-07	-7.73E-03	-1.44E+00	0.00E+00	0.00E+00	-2.65E+00	3.01E-20	-1.47E+00	0.00E+00	-6.31E-09	-2.74E-08	-2.21E-03	0.00E+00	-3.42E-01	0.00E+00	-1.47E+00	-3.60E-05	-1.47E+00	-1.81E+00	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
MJT740	1.48E-03	1.85E-01	4.98E-03	1.80E-01	0.00E+00	0.00E+00	1.03E+00	1.71E-06	9.04E-04	1.63E-03	0.00E+00	4.84E-20	1.12E-10	9.73E-09	1.02E-03	3.13E-01	0.00E+00	0.00E+00	6.53E-01	1.76E-19	1.32E+00	0.00E+00	1.18E-08	5.56E-09	4.52E-04	0.00E+00	1.08E-01	0.00E+00	1.32E+00	9.76E-08	1.32E+00	1.43E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	2.30E+01
MKN506	-2.32E-03	2.97E-02	1.62E-03	2.28E-02	0.00E+00	0.00E+00	6.72E-02	-2.29E-04	1.87E-04	-1.29E-03	0.00E+00	4.60E-20	-4.68E-10	-3.13E-08	7.53E-04	-3.78E-01	0.00E+00	0.00E+00	-1.50E-01	1.53E-19	1.71E-01	0.00E+00	2.42E-09	-5.45E-09	-2.70E-04	0.00E+00	-3.40E-02	0.00E+00	1.71E-01	-9.93E-06	1.71E-01	9.69E-02	-3.40E-02	0.00E+00	0.00E+00	0.00E+00	-8.68E+00
MKN506A	7.23E-04	5.05E-02	3.38E-03	4.71E-02	0.00E+00	0.00E+00	8.64E-01	1.67E-06	4.37E-04	5.49E-04	0.00E+00	3.08E-20	1.42E-10	5.65E-09	-2.15E-03	-1.56E-01	0.00E+00	0.00E+00	5.38E-01	1.05E-19	8.35E-01	0.00E+00	6.97E-09	2.86E-09	1.77E-04	0.00E+00	1.62E-02	0.00E+00	8.35E-01	1.75E-07	8.35E-01	8.51E-01	1.62E-02	0.00E+00	0.00E+00	0.00E+00	1.97E+01
MKN510	-2.14E-03	2.85E-02	1.49E-03	1.79E-02	0.00E+00	0.00E+00	7.79E-02	-2.71E-04	1.46E-04	-1.11E-03	0.00E+00	4.60E-20	-4.05E-10	-2.36E-08	2.50E-03	-3.73E-01	0.00E+00	0.00E+00	-1.39E-01	1.53E-19	1.27E-01	0.00E+00	2.26E-09	-4.67E-09	-2.16E-04	0.00E+00	-4.90E-02	0.00E+00	1.27E-01	-9.48E-06	1.27E-01	8.67E-02	-4.90E-02	0.00E+00	0.00E+00	0.00E+00	-8.32E+00
MKN510A	-2.90E-03	2.08E-02	5.50E-04	1.48E-02	0.00E+00	0.00E+00	-2.92E-01	-3.70E-04	1.29E-04	-1.61E-03	0.00E+00	4.60E-20	-8.57E-10	-4.84E-08	1.33E-04	-3.94E-01	0.00E+00	0.00E+00	-6.35E-01	1.53E-19	-4.77E-02	0.00E+00	1.31E-09	-7.49E-09	-5.84E-04	0.00E+00	-9.21E-02	0.00E+00	-4.77E-02	-1.30E-05	-4.77E-02	-1.50E-01	-9.21E-02	0.00E+00	0.00E+00	0.00E+00	-2.82E+01
MKN513	-2.43E-03	2.91E-02	1.24E-03	1.55E-02	0.00E+00	0.00E+00	7.07E-02	-3.23E-04	1.43E-04	-1.28E-03	0.00E+00	4.60E-20	-4.41E-10	-4.02E-08	1.31E-03	-3.32E-01	0.00E+00	0.00E+00	-8.42E-02	1.53E-19	2.06E-01	0.00E+00	2.35E-09	-5.58E-09	-3.47E-04	0.00E+00	-3.48E-02	0.00E+00	2.06E-01	-1.28E-05	2.06E-01	1.84E-01	-3.48E-02	0.00E+00	0.00E+00	0.00E+00	-6.00E+00
MKN513A	-2.82E-03	2.07E-02	1.23E-03	1.82E-02	0.00E+00	0.00E+00	-3.00E-01	-3.98E-04	1.40E-04	-1.61E-03	0.00E+00	4.60E-20	-8.32E-10	-4.24E-08	4.29E-04	-3.58E-01	0.00E+00	0.00E+00	-5.81E-01	1.53E-19	4.72E-02	0.00E+00	2.69E-09	-7.01E-09	-5.21E-04	0.00E+00	-7.69E-02	0.00E+00	4.72E-02	-1.29E-05	4.72E-02	-2.45E-02	-7.69E-02	0.00E+00	0.00E+00	0.00E+00	-2.61E+01
MKN516	-5.76E-03	-1.25E-01	-1.92E-03	-1.23E-01	0.00E+00	0.00E+00	-1.54E+00	-5.58E-04	-3.05E-04	-3.84E-03	0.00E+00	5.72E-21	-1.40E-09	-6.46E-08	-1.99E-03	-1.05E+00	0.00E+00	0.00E+00	-1.50E+00	1.46E-20	-1.26E+00	0.00E+00	-5.83E-09	-1.70E-08	-1.26E-03	0.00E+00	-2.27E-01	0.00E+00	-1.26E+00	-1.70E-05	-1.26E+00	-1.49E+00	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-6.38E+01
MKN516A	-2.78E-03	2.10E-02	1.20E-03	1.71E-02	0.00E+00	0.00E+00	-2.68E-01	-3.39E-04	1.41E-04	-1.62E-03	0.00E+00	4.60E-20	-8.96E-10	-4.01E-08	-5.21E-04	-3.58E-01	0.00E+00	0.00E+00	-5.56E-01	1.53E-19	1.18E-02	0.00E+00	1.78E-09	-7.13E-09	-5.37E-04	0.00E+00	-8.34E-02	0.00E+00	1.18E-02	-1.12E-05	1.18E-02	-5.97E-02	-8.34E-02	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
MKN520	-1.12E-02	-5.23E-02	-8.71E-04	-5.14E-02	0.00E+00	0.00E+00	-2.29E+00	-1.13E-03	-4.68E-04	-6.03E-03	0.00E+00	2.20E-20	-1.38E-09	-1.31E-07	4.20E-04	-1.25E+00	0.00E+00	0.00E+00	-1.92E+00	7.25E-20	-3.98E-01	0.00E+00	-8.41E-10	-1.96E-08	-1.72E-03	0.00E+00	-2.28E-01	0.00E+00	-3.98E-01	-3.29E-05	-3.98E-01	-6.26E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-8.47E+01
MKN520A	-4.07E-03	2.49E-02	1.17E-03	2.12E-02	0.00E+00	0.00E+00	-3.32E-01	-4.76E-04	2.57E-04	-2.08E-03	0.00E+00	4.60E-20	-8.24E-10	-3.89E-08	5.95E-04	-6.89E-01	0.00E+00	0.00E+00	-5.33E-01	1.53E-19	1.00E-01	0.00E+00	3.04E-09	-9.16E-09	-4.81E-04	0.00E+00	-5.50E-02	0.00E+00	1.00E-01	-1.10E-05	1.00E-01	5.11E-02	-5.50E-02	0.00E+00	0.00E+00	0.00E+00	-2.73E+01
MKN525	1.44E-03	1.40E-01	4.27E-03	1.35E-01	0.00E+00	0.00E+00	8.01E-01	-3.59E-06	9.55E-04	1.22E-03	0.00E+00	3.96E-20	-4.73E-11	9.77E-09	4.99E-03	1.33E-01	0.00E+00	0.00E+00	5.22E-01	1.42E-19	9.71E-01	0.00E+00	8.90E-09	3.73E-09	3.22E-04	0.00E+00	8.92E-02	0.00E+00	9.71E-01	-2.57E-07	9.71E-01	1.06E+00	8.92E-02	0.00E+00	0.00E+00	0.00E+00	1.78E+01
MKN525A	-5.13E-03	2.49E-02	1.10E-03	1.93E-02	0.00E+00	0.00E+00	-3.42E-01	-9.03E-04	2.66E-04	-2.53E-03	0.00E+00	4.60E-20	-1.21E-09	-6.60E-08	-1.61E-04	-6.42E-01	0.00E+00	0.00E+00	-4.42E-01	1.53E-19	9.00E-02	0.00E+00	2.56E-09	-1.08E-08	-7.95E-04	0.00E+00	-6.72E-02	0.00E+00	9.00E-02	-1.60E-05	9.00E-02	7.07E-02	-6.72E-02	0.00E+00	0.00E+00	0.00E+00	-2.36E+01
MKN532	-1.71E-03	3.08E-02	2.84E-03	1.75E-02	0.00E+00	0.00E+00	3.18E-01	-2.64E-04	4.13E-04	-8.58E-04	0.00E+00	4.60E-20	-3.18E-10	-5.68E-08	1.38E-03	-4.75E-01	0.00E+00	0.00E+00	1.63E-01	1.53E-19	2.93E-01	0.00E+00	5.97E-09	-9.54E-09	-4.85E-05	0.00E+00	-2.42E-03	0.00E+00	2.93E-01	-1.12E-05	2.93E-01	3.12E-01	-2.42E-03	0.00E+00	0.00E+00	0.00E+00	6.58E+00
MKN532A	-5.22E-03	1.57E-02	1.11E-03	1.11E-02	0.00E+00	0.00E+00	-3.20E-01	-3.54E-04	3.64E-04	-2.42E-03	0.00E+00	4.60E-20	-8.73E-10	-5.79E-08	-1.73E-03	-5.12E-01	0.00E+00	0.00E+00	-4.64E-01	1.53E-19	3.83E-02	0.00E+00	1.78E-09	-9.97E-09	-4.73E-04	0.00E+00	-7.50E-02	0.00E+00	3.83E-02	-1.34E-05	3.83E-02	-1.22E-02	-7.50E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
MKN540	-4.90E-03	2.35E-02	1.86E-03	7.55E-03	0.00E+00	0.00E+00	-3.65E-01	-5.68E-04	3.55E-04	-1.94E-03	0.00E+00	4.60E-20	-6.01E-10	-7.36E-08	-7.27E-04	-4.63E-01	0.00E+00	0.00E+00	-3.99E-01	1.53E-19	1.78E-01	0.00E+00	3.67E-09	-1.33E-08	-5.64E-04	0.00E+00	-3.96E-02	0.00E+00	1.78E-01	-1.91E-05	1.78E-01	7.88E-02	-3.96E-02	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
MKN598	4.84E-04	1.36E-01	4.58E-03	1.32E-01	0.00E+00	0.00E+00	4.08E-01	-1.56E-04	1.39E-03	3.77E-04	0.00E+00	5.36E-20	-1.05E-09	-2.43E-09	-8.81E-03	1.20E-01	0.00E+00	0.00E+00	-3.59E-01	2.02E-19	1.67E-01	0.00E+00	8.43E-09	-4.81E-09	-1.14E-04	0.00E+00	-2.94E-02	0.00E+00	1.67E-01	-6.34E-06	1.67E-01	1.37E-01	-2.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
MKN599	-8.53E-04	-1.83E-01	-4.67E-05	-1.83E-01	0.00E+00	0.00E+00	-3.35E-01	-1.28E-04	4.53E-04	-2.09E-03	0.00E+00	1.22E-20	-1.52E-09	-7.23E-09	-1.48E-02	-1.15E+00	0.00E+00	0.00E+00	-1.04E+00	3.91E-20	-1.62E+00	0.00E+00	-5.25E-09	-1.50E-08	-8.87E-04	0.00E+00	-2.97E-01	0.00E+00	-1.62E+00	-5.59E-06	-1.62E+00	-1.92E+00	-2.97E-01	0.00E+00	0.00E+00	0.00E+00	-4.32E+01
MKS506	-1.69E-03	2.98E-02	1.98E-03	2.80E-02	0.00E+00	0.00E+00	7.84E-02	-1.25E-04	2.37E-04	-9.39E-04	0.00E+00	4.60E-20	-2.79E-10	-2.52E-08	1.07E-03	-2.91E-01	0.00E+00	0.00E+00	-6.95E-02	1.53E-19	2.08E-01	0.00E+00	4.36E-09	-3.68E-09	-1.22E-04	0.00E+00	-1.61E-02	0.00E+00	2.08E-01	-7.10E-06	2.08E-01	1.45E-01	-1.61E-02	0.00E+00	0.00E+00	0.00E+00	-5.15E+00
MKS510	-1.66E-03	3.28E-02	1.94E-03	2.68E-02	0.00E+00	0.00E+00	7.87E-02	-9.43E-05	2.58E-04	-7.43E-04	0.00E+00	4.60E-20	-2.76E-10	-2.15E-08	1.74E-03	-2.64E-01	0.00E+00	0.00E+00	-6.54E-02	1.53E-19	1.86E-01	0.00E+00	4.68E-09	-2.93E-09	-4.32E-05	0.00E+00	-2.03E-02	0.00E+00	1.86E-01	-6.29E-06	1.86E-01	1.43E-01	-2.03E-02	0.00E+00	0.00E+00	0.00E+00	-5.54E+00
MKS513	-1.31E-03	3.41E-02	1.96E-03	2.70E-02	0.00E+00	0.00E+00	1.03E-01	-8.04E-05	2.64E-04	-6.88E-04	0.00E+00	4.60E-20	-2.15E-10	-2.23E-08	1.20E-03	-1.77E-01	0.00E+00	0.00E+00	1.39E-02	1.53E-19	2.68E-01	0.00E+00	5.17E-09	-2.78E-09	-4.71E-05	0.00E+00	-2.88E-03	0.00E+00	2.68E-01	-6.83E-06	2.68E-01	2.32E-01	-2.88E-03	0.00E+00	0.00E+00	0.00E+00	-3.07E+00
MKS516	1.10E-04	4.36E-02	2.90E-03	4.07E-02	0.00E+00	0.00E+00	5.76E-01	-6.03E-05	4.05E-04	1.63E-04	0.00E+00	2.86E-20	6.20E-11	-1.88E-09	3.78E-03	-2.01E-01	0.00E+00	0.00E+00	4.63E-01	9.38E-20	7.60E-01	0.00E+00	5.79E-09	1.86E-09	7.06E-05	0.00E+00	3.61E-02	0.00E+00	7.60E-01	-2.07E-06	7.60E-01	7.96E-01	3.61E-02	0.00E+00	0.00E+00	0.00E+00	1.64E+01
MKS599	-8.21E-04	-1.14E-01	8.46E-04	-1.15E-01	0.00E+00	0.00E+00	-2.02E-01	-1.63E-04	6.38E-04	-1.67E-03	0.00E+00	1.88E-20	-1.33E-09	-9.99E-09	6.06E-04	-1.08E+00	0.00E+00	0.00E+00	-7.79E-01	6.29E-20	-9.06E-01	0.00E+00	-2.09E-09	-1.10E-08	-6.79E-04	0.00E+00	-1.93E-01	0.00E+00	-9.06E-01	-6.87E-06	-9.06E-01	-1.10E+00	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-3.49E+01
ML506J	-2.43E-03	2.05E-02	1.51E-03	2.64E-02	0.00E+00	0.00E+00	-1.91E-01	-1.59E-04	1.75E-04	-1.25E-03	0.00E+00	4.60E-20	-5.27E-10	-2.90E-08	-2.57E-04	-4.84E-01	0.00E+00	0.00E+00	-4.55E-01	1.53E-19	-3.29E-02	0.00E+00	2.68E-09	-5.48E-09	-4.33E-04	0.00E+00	-5.88E-02	0.00E+00	-3.29E-02	-8.96E-06	-3.29E-02	-1.16E-01	-5.88E-02	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
ML510J	-2.79E-03	1.83E-02	4.55E-04	9.81E-03	0.00E+00	0.00E+00	-2.85E-01	-4.31E-04	1.16E-04	-1.60E-03	0.00E+00	4.60E-20	-9.58E-10	-4.84E-08	-4.69E-04	-3.64E-01	0.00E+00	0.00E+00	-6.70E-01	1.53E-19	-8.81E-02	0.00E+00	-9.84E-10	-8.35E-09	-6.75E-04	0.00E+00	-1.02E-01	0.00E+00	-8.81E-02	-1.42E-05	-8.81E-02	-1.94E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
ML516J	-2.64E-03	1.96E-02	1.12E-03	1.48E-02	0.00E+00	0.00E+00	-2.15E-01	-3.28E-04	1.31E-04	-1.53E-03	0.00E+00	4.60E-20	-8.65E-10	-3.16E-08	-8.23E-04	-2.65E-01	0.00E+00	0.00E+00	-5.64E-01	1.53E-19	2.92E-02	0.00E+00	2.23E-09	-6.78E-09	-4.64E-04	0.00E+00	-8.11E-02	0.00E+00	2.92E-02	-9.20E-06	2.92E-02	-6.11E-02	-8.11E-02	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
ML520J	-3.46E-03	2.20E-02	1.53E-03	2.11E-02	0.00E+00	0.00E+00	-3.09E-01	-2.54E-04	2.68E-04	-1.68E-03	0.00E+00	4.60E-20	-7.11E-10	-2.42E-08	6.52E-04	-5.90E-01	0.00E+00	0.00E+00	-5.20E-01	1.53E-19	1.04E-01	0.00E+00	3.71E-09	-6.68E-09	-3.66E-04	0.00E+00	-5.45E-02	0.00E+00	1.04E-01	-6.82E-06	1.04E-01	4.61E-02	-5.45E-02	0.00E+00	0.00E+00	0.00E+00	-2.50E+01
ML525J	-5.10E-03	2.07E-02	9.87E-04	1.58E-02	0.00E+00	0.00E+00	-3.22E-01	-1.07E-03	2.17E-04	-2.77E-03	0.00E+00	4.60E-20	-1.34E-09	-6.93E-08	-5.04E-04	-6.44E-01	0.00E+00	0.00E+00	-5.62E-01	1.53E-19	5.30E-02	0.00E+00	9.52E-10	-1.16E-08	-1.15E-03	0.00E+00	-6.67E-02	0.00E+00	5.30E-02	-1.99E-05	5.30E-02	2.80E-02	-6.67E-02	0.00E+00	0.00E+00	0.00E+00	-2.63E+01
ML532J	-4.63E-03	1.18E-02	1.40E-03	1.44E-02	0.00E+00	0.00E+00	-3.24E-01	-3.13E-04	3.38E-04	-2.33E-03	0.00E+00	4.60E-20	-8.40E-10	-5.39E-08	-1.68E-03	-4.28E-01	0.00E+00	0.00E+00	-5.44E-01	1.53E-19	5.99E-02	0.00E+00	2.82E-09	-1.02E-08	-3.57E-04	0.00E+00	-7.59E-02	0.00E+00	5.99E-02	-1.28E-05	5.99E-02	-3.05E-02	-7.59E-02	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
ML540J	-7.17E-03	5.16E-03	7.51E-04	1.32E-02	0.00E+00	0.00E+00	-1.06E+00	-9.05E-04	2.12E-04	-4.22E-03	0.00E+00	4.60E-20	-1.39E-09	-8.20E-08	-2.95E-03	-4.42E-01	0.00E+00	0.00E+00	-1.15E+00	1.53E-19	-1.08E-01	0.00E+00	-5.61E-10	-1.45E-08	-1.15E-03	0.00E+00	-1.35E-01	0.00E+00	-1.08E-01	-2.57E-05	-1.08E-01	-2.87E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-4.80E+01
MLN502A	-2.61E-03	2.44E-02	1.39E-03	2.82E-02	0.00E+00	0.00E+00	-1.81E-01	-2.80E-04	1.49E-04	-1.12E-03	0.00E+00	4.60E-20	-7.45E-10	-3.39E-08	-5.36E-06	-5.63E-01	0.00E+00	0.00E+00	-4.26E-01	1.53E-19	1.91E-02	0.00E+00	2.66E-09	-6.67E-09	-5.07E-04	0.00E+00	-5.62E-02	0.00E+00	1.91E-02	-9.05E-06	1.91E-02	-3.43E-02	-5.62E-02	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
MLN504A	-2.57E-03	2.51E-02	1.56E-03	2.67E-02	0.00E+00	0.00E+00	-2.37E-01	-2.01E-04	1.83E-04	-1.23E-03	0.00E+00	4.60E-20	-5.86E-10	-2.78E-08	1.81E-04	-6.13E-01	0.00E+00	0.00E+00	-4.39E-01	1.53E-19	3.30E-02	0.00E+00	2.64E-09	-6.26E-09	-4.98E-04	0.00E+00	-5.45E-02	0.00E+00	3.30E-02	-7.30E-06	3.30E-02	-1.59E-02	-5.45E-02	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
MLN506	-2.07E-03	2.62E-02	1.68E-03	2.31E-02	0.00E+00	0.00E+00	7.94E-02	-2.22E-04	1.87E-04	-1.22E-03	0.00E+00	4.60E-20	-3.43E-10	-3.07E-08	7.63E-04	-3.73E-01	0.00E+00	0.00E+00	-9.76E-02	1.53E-19	1.70E-01	0.00E+00	2.72E-09	-4.88E-09	-3.04E-04	0.00E+00	-2.72E-02	0.00E+00	1.70E-01	-1.01E-05	1.70E-01	9.80E-02	-2.72E-02	0.00E+00	0.00E+00	0.00E+00	-6.89E+00
MLN506A	9.81E-04	1.70E-01	4.10E-03	1.66E-01	0.00E+00	0.00E+00	9.16E-01	1.59E-06	5.16E-04	1.48E-03	0.00E+00	4.73E-20	1.24E-10	5.86E-09	5.84E-03	2.07E-01	0.00E+00	0.00E+00	6.52E-01	1.67E-19	1.23E+00	0.00E+00	1.02E-08	4.97E-09	3.91E-04	0.00E+00	1.14E-01	0.00E+00	1.23E+00	1.57E-07	1.23E+00	1.34E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	2.29E+01
MLN510	-2.13E-03	2.70E-02	1.34E-03	1.24E-02	0.00E+00	0.00E+00	4.53E-02	-2.51E-04	1.47E-04	-1.17E-03	0.00E+00	4.60E-20	-4.80E-10	-2.20E-08	2.17E-03	-3.93E-01	0.00E+00	0.00E+00	-1.48E-01	1.53E-19	4.44E-02	0.00E+00	2.47E-09	-5.58E-09	-3.04E-04	0.00E+00	-5.83E-02	0.00E+00	4.44E-02	-8.84E-06	4.44E-02	7.84E-03	-5.83E-02	0.00E+00	0.00E+00	0.00E+00	-9.00E+00
MLN510A	-5.23E-03	-1.39E-02	-1.18E-03	-1.27E-02	0.00E+00	0.00E+00	-1.41E+00	-5.26E-04	-2.22E-04	-2.83E-03	0.00E+00	2.10E-20	-1.40E-09	-6.07E-08	-7.14E-04	-5.05E-01	0.00E+00	0.00E+00	-1.41E+00	7.31E-20	-9.79E-01	0.00E+00	-2.72E-09	-1.51E-08	-1.04E-03	0.00E+00	-1.37E-01	0.00E+00	-9.79E-01	-1.61E-05	-9.79E-01	-1.12E+00	-1.37E-01	0.00E+00	0.00E+00	0.00E+00	-6.07E+01
MLN513	-1.78E-03	2.92E-02	1.79E-03	1.97E-02	0.00E+00	0.00E+00	1.23E-01	-2.05E-04	1.47E-04	-8.86E-04	0.00E+00	4.60E-20	-2.97E-10	-1.65E-08	2.21E-03	-3.20E-01	0.00E+00	0.00E+00	-5.04E-03	1.53E-19	2.14E-01	0.00E+00	3.06E-09	-3.48E-09	-2.07E-04	0.00E+00	-2.48E-02	0.00E+00	2.14E-01	-5.65E-06	2.14E-01	1.93E-01	-2.48E-02	0.00E+00	0.00E+00	0.00E+00	-3.09E+00
MLN513A	-4.12E-03	1.28E-01	2.18E-03	1.26E-01	0.00E+00	0.00E+00	-3.76E-01	-4.58E-04	-6.01E-05	-1.22E-03	0.00E+00	4.65E-20	-4.25E-10	-5.18E-08	4.20E-03	-2.15E-01	0.00E+00	0.00E+00	-3.08E-01	1.59E-19	7.11E-01	0.00E+00	6.93E-09	-4.34E-09	-3.98E-04	0.00E+00	1.00E-02	0.00E+00	7.11E-01	-1.30E-05	7.11E-01	7.21E-01	1.00E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
MLN516	5.87E-04	3.27E-02	2.74E-03	2.99E-02	0.00E+00	0.00E+00	6.58E-01	-3.53E-06	3.70E-04	3.51E-04	0.00E+00	2.83E-20	2.91E-12	4.41E-09	3.64E-03	-1.29E-01	0.00E+00	0.00E+00	4.64E-01	9.28E-20	6.43E-01	0.00E+00	5.29E-09	1.70E-09	9.10E-05	0.00E+00	4.14E-02	0.00E+00	6.43E-01	-9.98E-08	6.43E-01	6.84E-01	4.14E-02	0.00E+00	0.00E+00	0.00E+00	1.66E+01
MLN516A	-1.20E-04	4.10E-02	1.07E-03	3.99E-02	0.00E+00	0.00E+00	5.13E-02	-5.91E-05	3.16E-04	1.82E-05	0.00E+00	2.43E-20	-6.87E-10	-2.79E-09	-5.02E-03	-7.56E-02	0.00E+00	0.00E+00	-4.13E-01	9.04E-20	-2.66E-01	0.00E+00	2.02E-09	-4.47E-09	-1.64E-04	0.00E+00	-5.75E-02	0.00E+00	-2.66E-01	-2.61E-06	-2.66E-01	-3.23E-01	-5.75E-02	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
MLN520	-3.18E-03	3.34E-02	2.73E-03	2.53E-02	0.00E+00	0.00E+00	1.38E-01	-4.51E-04	2.91E-04	-1.45E-03	0.00E+00	4.60E-20	-4.43E-10	-3.39E-08	1.51E-03	-5.15E-01	0.00E+00	0.00E+00	-1.93E-02	1.53E-19	3.00E-01	0.00E+00	4.50E-09	-5.18E-09	-1.93E-05	0.00E+00	-2.99E-02	0.00E+00	3.00E-01	-1.36E-05	3.00E-01	2.68E-01	-2.99E-02	0.00E+00	0.00E+00	0.00E+00	-4.40E+00
MLN520A	5.49E-04	1.32E-01	3.60E-03	1.28E-01	0.00E+00	0.00E+00	5.67E-01	-6.72E-05	7.47E-04	8.04E-04	0.00E+00	3.97E-20	-2.01E-10	4.18E-10	4.52E-03	1.28E-01	0.00E+00	0.00E+00	2.83E-01	1.42E-19	7.85E-01	0.00E+00	7.83E-09	1.65E-09	1.74E-04	0.00E+00	7.33E-02	0.00E+00	7.85E-01	-2.60E-06	7.85E-01	8.58E-01	7.33E-02	0.00E+00	0.00E+00	0.00E+00	7.90E+00
MLN525	-1.08E-03	3.21E-02	2.74E-03	2.37E-02	0.00E+00	0.00E+00	2.32E-01	-3.72E-04	3.35E-04	-6.78E-04	0.00E+00	4.60E-20	-3.95E-10	-1.48E-08	2.34E-03	-4.05E-01	0.00E+00	0.00E+00	1.77E-01	1.53E-19	2.22E-01	0.00E+00	6.08E-09	-4.66E-09	-1.12E-04	0.00E+00	1.05E-02	0.00E+00	2.22E-01	-6.22E-06	2.22E-01	2.54E-01	1.05E-02	0.00E+00	0.00E+00	0.00E+00	5.77E+00
MLN525A	-1.34E-02	-3.51E-02	-2.36E-03	-3.27E-02	0.00E+00	0.00E+00	-3.24E+00	-1.35E-03	-5.57E-04	-7.14E-03	0.00E+00	2.34E-20	-2.14E-09	-1.57E-07	-1.37E-03	-1.21E+00	0.00E+00	0.00E+00	-2.84E+00	8.33E-20	-1.16E+00	0.00E+00	-3.79E-09	-2.73E-08	-2.18E-03	0.00E+00	-2.84E-01	0.00E+00	-1.16E+00	-3.99E-05	-1.16E+00	-1.45E+00	-2.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
MLN532	-1.65E-03	3.06E-02	2.83E-03	1.84E-02	0.00E+00	0.00E+00	3.24E-01	-2.14E-04	4.09E-04	-7.82E-04	0.00E+00	4.60E-20	-2.85E-10	-5.22E-08	4.67E-04	-4.98E-01	0.00E+00	0.00E+00	1.80E-01	1.53E-19	2.87E-01	0.00E+00	6.01E-09	-9.31E-09	-6.35E-05	0.00E+00	-2.12E-03	0.00E+00	2.87E-01	-1.09E-05	2.87E-01	2.95E-01	-2.12E-03	0.00E+00	0.00E+00	0.00E+00	6.29E+00
MLN532A	-4.76E-03	1.64E-02	1.37E-03	1.37E-02	0.00E+00	0.00E+00	-2.85E-01	-2.67E-04	3.54E-04	-2.25E-03	0.00E+00	4.60E-20	-8.25E-10	-6.77E-08	-1.60E-03	-4.64E-01	0.00E+00	0.00E+00	-4.32E-01	1.53E-19	7.20E-02	0.00E+00	2.80E-09	-1.25E-08	-4.32E-04	0.00E+00	-6.90E-02	0.00E+00	7.20E-02	-1.54E-05	7.20E-02	3.24E-03	-6.90E-02	0.00E+00	0.00E+00	0.00E+00	-1.98E+01
MLN540	-4.46E-03	2.38E-02	1.83E-03	7.25E-03	0.00E+00	0.00E+00	-3.63E-01	-5.44E-04	3.53E-04	-1.88E-03	0.00E+00	4.60E-20	-5.88E-10	-6.46E-08	-8.08E-04	-4.59E-01	0.00E+00	0.00E+00	-3.92E-01	1.53E-19	1.73E-01	0.00E+00	3.79E-09	-1.11E-08	-4.56E-04	0.00E+00	-3.75E-02	0.00E+00	1.73E-01	-1.68E-05	1.73E-01	6.98E-02	-3.75E-02	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
MLN540A	-8.15E-03	9.71E-03	6.75E-04	1.14E-02	0.00E+00	0.00E+00	-1.08E+00	-8.31E-04	2.37E-04	-4.34E-03	0.00E+00	4.60E-20	-1.37E-09	-8.70E-08	-3.00E-03	-5.32E-01	0.00E+00	0.00E+00	-1.18E+00	1.53E-19	-1.25E-01	0.00E+00	-6.39E-10	-1.52E-08	-1.21E-03	0.00E+00	-1.36E-01	0.00E+00	-1.25E-01	-2.63E-05	-1.25E-01	-2.86E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-4.93E+01
MLN702	-3.02E-03	1.97E-02	1.94E-03	1.67E-02	0.00E+00	0.00E+00	-2.33E-01	-3.01E-04	1.50E-04	-9.55E-04	0.00E+00	4.60E-20	-7.41E-10	-2.76E-08	-5.20E-04	-5.77E-01	0.00E+00	0.00E+00	-4.60E-01	1.53E-19	-6.04E-02	0.00E+00	3.90E-09	-5.96E-09	-4.78E-04	0.00E+00	-8.04E-02	0.00E+00	-6.04E-02	-7.41E-06	-6.04E-02	-2.37E-01	-8.04E-02	0.00E+00	0.00E+00	0.00E+00	-2.13E+01
MLN702A	-3.02E-03	1.97E-02	1.94E-03	1.67E-02	0.00E+00	0.00E+00	-2.43E-01	-3.01E-04	1.50E-04	-9.59E-04	0.00E+00	4.60E-20	-7.42E-10	-2.75E-08	-5.00E-04	-5.72E-01	0.00E+00	0.00E+00	-4.81E-01	1.53E-19	-6.26E-02	0.00E+00	3.87E-09	-5.96E-09	-4.78E-04	0.00E+00	-8.20E-02	0.00E+00	-6.26E-02	-7.33E-06	-6.26E-02	-2.39E-01	-8.20E-02	0.00E+00	0.00E+00	0.00E+00	-2.17E+01
MLN706	-3.56E-03	1.65E-02	1.53E-03	8.41E-04	0.00E+00	0.00E+00	-2.92E-01	-4.43E-04	1.58E-04	-1.56E-03	0.00E+00	4.60E-20	-8.28E-10	-4.63E-08	-7.22E-05	-6.93E-01	0.00E+00	0.00E+00	-5.97E-01	1.53E-19	-1.03E-01	0.00E+00	4.31E-09	-9.29E-09	-6.14E-04	0.00E+00	-9.00E-02	0.00E+00	-1.03E-01	-9.79E-06	-1.03E-01	-2.10E-01	-9.00E-02	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
MLN706A	-3.88E-03	1.65E-02	1.51E-03	8.41E-04	0.00E+00	0.00E+00	-3.08E-01	-4.41E-04	1.57E-04	-1.63E-03	0.00E+00	4.60E-20	-8.26E-10	-4.93E-08	-5.91E-05	-7.24E-01	0.00E+00	0.00E+00	-6.17E-01	1.53E-19	-1.03E-01	0.00E+00	4.36E-09	-1.00E-08	-6.19E-04	0.00E+00	-1.04E-01	0.00E+00	-1.03E-01	-9.65E-06	-1.03E-01	-2.10E-01	-1.04E-01	0.00E+00	0.00E+00	0.00E+00	-2.79E+01
MLN710	-2.68E-03	1.79E-02	1.56E-03	1.04E-02	0.00E+00	0.00E+00	-2.24E-01	-3.66E-04	1.41E-04	-1.33E-03	0.00E+00	4.60E-20	-8.08E-10	-3.21E-08	-1.98E-05	-3.35E-01	0.00E+00	0.00E+00	-5.05E-01	1.53E-19	-3.28E-02	0.00E+00	3.77E-09	-6.19E-09	-4.50E-04	0.00E+00	-8.91E-02	0.00E+00	-3.28E-02	-7.95E-06	-3.28E-02	-1.61E-01	-8.91E-02	0.00E+00	0.00E+00	0.00E+00	-2.31E+01
MLN710A	-2.77E-03	1.79E-02	1.58E-03	1.04E-02	0.00E+00	0.00E+00	-2.38E-01	-3.68E-04	1.41E-04	-1.35E-03	0.00E+00	4.60E-20	-8.03E-10	-3.40E-08	2.99E-05	-3.87E-01	0.00E+00	0.00E+00	-5.28E-01	1.53E-19	-3.28E-02	0.00E+00	4.07E-09	-6.33E-09	-4.49E-04	0.00E+00	-9.96E-02	0.00E+00	-3.28E-02	-7.98E-06	-3.28E-02	-1.56E-01	-9.96E-02	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
MLN716	-2.77E-03	1.83E-02	1.77E-03	1.18E-02	0.00E+00	0.00E+00	-1.79E-01	-3.40E-04	1.55E-04	-1.28E-03	0.00E+00	4.60E-20	-8.14E-10	-3.68E-08	-8.56E-04	-3.88E-01	0.00E+00	0.00E+00	-4.57E-01	1.53E-19	-2.49E-03	0.00E+00	5.06E-09	-7.41E-09	-5.19E-04	0.00E+00	-8.05E-02	0.00E+00	-2.49E-03	-9.94E-06	-2.49E-03	-1.06E-01	-8.05E-02	0.00E+00	0.00E+00	0.00E+00	-2.15E+01
MLN716A	-2.92E-03	1.78E-02	1.78E-03	1.18E-02	0.00E+00	0.00E+00	-1.97E-01	-3.97E-04	1.50E-04	-1.33E-03	0.00E+00	4.60E-20	-8.10E-10	-3.86E-08	-9.93E-04	-4.13E-01	0.00E+00	0.00E+00	-4.75E-01	1.53E-19	-7.33E-03	0.00E+00	5.15E-09	-7.85E-09	-5.21E-04	0.00E+00	-9.60E-02	0.00E+00	-7.33E-03	-1.13E-05	-7.33E-03	-1.06E-01	-9.60E-02	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
MLN720	-3.33E-03	2.08E-02	2.07E-03	1.48E-02	0.00E+00	0.00E+00	-1.55E-01	-5.06E-04	2.29E-04	-1.94E-03	0.00E+00	4.60E-20	-8.75E-10	-4.45E-08	-1.00E-03	-6.43E-01	0.00E+00	0.00E+00	-4.01E-01	1.53E-19	6.41E-02	0.00E+00	6.00E-09	-9.86E-09	-6.27E-04	0.00E+00	-6.87E-02	0.00E+00	6.41E-02	-1.46E-05	6.41E-02	1.50E-02	-6.87E-02	0.00E+00	0.00E+00	0.00E+00	-1.89E+01
MLN720A	-3.17E-03	2.08E-02	2.12E-03	1.66E-02	0.00E+00	0.00E+00	-1.67E-01	-4.35E-04	2.33E-04	-1.84E-03	0.00E+00	4.60E-20	-8.06E-10	-4.11E-08	-9.86E-04	-6.46E-01	0.00E+00	0.00E+00	-4.16E-01	1.53E-19	6.25E-02	0.00E+00	6.25E-09	-8.16E-09	-5.52E-04	0.00E+00	-8.07E-02	0.00E+00	6.25E-02	-1.21E-05	6.25E-02	1.91E-02	-8.07E-02	0.00E+00	0.00E+00	0.00E+00	-1.98E+01
MLN725	-3.13E-03	7.72E-03	2.54E-03	6.70E-03	0.00E+00	0.00E+00	-1.54E-01	-3.88E-04	2.81E-04	-1.17E-03	0.00E+00	4.60E-20	-8.15E-10	-4.32E-08	-1.01E-03	-5.34E-01	0.00E+00	0.00E+00	-3.56E-01	1.53E-19	4.13E-02	0.00E+00	5.62E-09	-8.76E-09	-6.22E-04	0.00E+00	-8.80E-02	0.00E+00	4.13E-02	-1.23E-05	4.13E-02	-7.02E-02	-8.80E-02	0.00E+00	0.00E+00	0.00E+00	-1.79E+01
MLN725A	-3.18E-03	7.72E-03	2.53E-03	6.12E-03	0.00E+00	0.00E+00	-1.53E-01	-4.19E-04	2.79E-04	-1.22E-03	0.00E+00	4.60E-20	-8.15E-10	-4.32E-08	-9.17E-04	-5.86E-01	0.00E+00	0.00E+00	-3.80E-01	1.53E-19	4.21E-02	0.00E+00	5.62E-09	-8.89E-09	-6.41E-04	0.00E+00	-9.70E-02	0.00E+00	4.21E-02	-1.29E-05	4.21E-02	-6.98E-02	-9.70E-02	0.00E+00	0.00E+00	0.00E+00	-1.82E+01
MLN732	-3.23E-03	3.89E-03	2.12E-03	2.86E-03	0.00E+00	0.00E+00	-1.58E-01	-3.87E-04	2.80E-04	-1.43E-03	0.00E+00	4.60E-20	-8.78E-10	-4.32E-08	-1.40E-03	-4.92E-01	0.00E+00	0.00E+00	-3.99E-01	1.53E-19	2.98E-02	0.00E+00	5.65E-09	-8.76E-09	-5.22E-04	0.00E+00	-9.41E-02	0.00E+00	2.98E-02	-1.18E-05	2.98E-02	-1.05E-01	-9.41E-02	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
MLN732A	-3.34E-03	1.41E-03	2.21E-03	2.79E-03	0.00E+00	0.00E+00	-1.66E-01	-3.75E-04	2.80E-04	-1.46E-03	0.00E+00	4.60E-20	-9.63E-10	-4.24E-08	-1.29E-03	-6.31E-01	0.00E+00	0.00E+00	-4.15E-01	1.53E-19	3.21E-02	0.00E+00	5.46E-09	-8.88E-09	-5.54E-04	0.00E+00	-1.09E-01	0.00E+00	3.21E-02	-1.21E-05	3.21E-02	-1.05E-01	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.16E+01
MLN740A	-3.86E-03	6.29E-03	2.06E-03	1.11E-02	0.00E+00	0.00E+00	-4.30E-01	-4.89E-04	2.75E-04	-1.79E-03	0.00E+00	4.60E-20	-1.10E-09	-4.44E-08	-2.23E-03	-5.73E-01	0.00E+00	0.00E+00	-6.41E-01	1.53E-19	-3.74E-02	0.00E+00	5.04E-09	-9.68E-09	-7.83E-04	0.00E+00	-1.25E-01	0.00E+00	-3.74E-02	-1.28E-05	-3.74E-02	-2.33E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	-3.20E+01
MLS506	-1.72E-03	2.98E-02	2.00E-03	2.81E-02	0.00E+00	0.00E+00	8.92E-02	-1.35E-04	2.37E-04	-9.79E-04	0.00E+00	4.60E-20	-2.88E-10	-2.65E-08	9.89E-04	-2.77E-01	0.00E+00	0.00E+00	-5.64E-02	1.53E-19	2.03E-01	0.00E+00	4.00E-09	-3.96E-09	-1.48E-04	0.00E+00	-1.35E-02	0.00E+00	2.03E-01	-7.41E-06	2.03E-01	1.48E-01	-1.35E-02	0.00E+00	0.00E+00	0.00E+00	-4.77E+00
MLS510	-1.97E-03	2.96E-02	2.08E-03	2.35E-02	0.00E+00	0.00E+00	8.60E-02	-1.37E-04	2.55E-04	-8.68E-04	0.00E+00	4.60E-20	-3.31E-10	-2.10E-08	1.65E-03	-3.07E-01	0.00E+00	0.00E+00	-2.96E-02	1.53E-19	1.08E-01	0.00E+00	4.59E-09	-4.01E-09	-1.36E-04	0.00E+00	-2.70E-02	0.00E+00	1.08E-01	-6.51E-06	1.08E-01	8.10E-02	-2.70E-02	0.00E+00	0.00E+00	0.00E+00	-4.12E+00
MLS513	-8.74E-04	3.42E-02	2.31E-03	2.93E-02	0.00E+00	0.00E+00	1.37E-01	-6.18E-05	2.68E-04	-3.50E-04	0.00E+00	4.60E-20	-1.97E-10	-9.86E-09	1.57E-03	-1.63E-01	0.00E+00	0.00E+00	5.39E-02	1.53E-19	2.78E-01	0.00E+00	5.28E-09	-1.48E-09	2.73E-06	0.00E+00	-9.93E-04	0.00E+00	2.78E-01	-4.28E-06	2.78E-01	2.44E-01	-9.93E-04	0.00E+00	0.00E+00	0.00E+00	-8.42E-01
MLS516	9.72E-04	1.55E-01	3.61E-03	1.51E-01	0.00E+00	0.00E+00	7.78E-01	1.25E-06	5.43E-04	1.35E-03	0.00E+00	4.17E-20	7.25E-11	5.93E-09	5.09E-03	1.79E-01	0.00E+00	0.00E+00	5.15E-01	1.48E-19	1.07E+00	0.00E+00	9.10E-09	4.38E-09	3.58E-04	0.00E+00	9.41E-02	0.00E+00	1.07E+00	5.48E-08	1.07E+00	1.16E+00	9.41E-02	0.00E+00	0.00E+00	0.00E+00	1.77E+01
MLU502	-2.79E-03	2.44E-02	1.30E-03	2.65E-02	0.00E+00	0.00E+00	-1.86E-01	-2.16E-04	1.50E-04	-1.23E-03	0.00E+00	4.60E-20	-7.20E-10	-3.91E-08	-2.31E-04	-6.11E-01	0.00E+00	0.00E+00	-4.28E-01	1.53E-19	1.62E-02	0.00E+00	2.05E-09	-6.61E-09	-5.21E-04	0.00E+00	-6.77E-02	0.00E+00	1.62E-02	-1.02E-05	1.62E-02	-3.06E-02	-6.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.85E+01
MLU506	-4.04E-05	4.18E-02	1.31E-03	4.05E-02	0.00E+00	0.00E+00	8.36E-02	-5.92E-05	3.68E-04	3.46E-05	0.00E+00	2.44E-20	-6.49E-10	-2.19E-09	-4.89E-03	-6.48E-02	0.00E+00	0.00E+00	-3.33E-01	9.08E-20	-2.24E-01	0.00E+00	2.24E-09	-4.21E-09	-1.54E-04	0.00E+00	-4.83E-02	0.00E+00	-2.24E-01	-2.54E-06	-2.24E-01	-2.73E-01	-4.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.53E+01
MLU510	-5.09E-03	-1.31E-01	-2.06E-03	-1.29E-01	0.00E+00	0.00E+00	-1.41E+00	-4.90E-04	-2.59E-04	-3.56E-03	0.00E+00	3.53E-21	-1.46E-09	-5.64E-08	-2.06E-03	-8.66E-01	0.00E+00	0.00E+00	-1.55E+00	1.00E-20	-1.33E+00	0.00E+00	-6.02E-09	-1.65E-08	-1.19E-03	0.00E+00	-2.11E-01	0.00E+00	-1.33E+00	-1.50E-05	-1.33E+00	-1.54E+00	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	-6.60E+01

MLU516	2.94E-04	4.70E-02	1.26E-03	4.57E-02	0.00E+00	0.00E+00	1.58E-01	-2.23E-05	3.60E-04	2.64E-04	0.00E+00	2.49E-20	-6.37E-10	1.85E-09	-4.84E-03	-3.61E-02	0.00E+00	0.00E+00	-3.28E-01	9.29E-20	-2.11E-01	0.00E+00	2.40E-09	-3.64E-09	-9.40E-05	0.00E+00	-4.75E-02	0.00E+00	-2.11E-01	-1.28E-06	-2.11E-01	-2.59E-01	-4.75E-02	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
MLU520	-1.06E-02	-6.93E-02	-8.95E-04	-6.84E-02	0.00E+00	0.00E+00	-2.25E+00	-1.07E-03	-4.19E-04	-5.90E-03	0.00E+00	2.11E-20	-1.41E-09	-1.24E-07	-2.73E-05	-1.19E+00	0.00E+00	0.00E+00	-1.84E+00	6.66E-20	-5.92E-01	0.00E+00	-1.90E-09	-2.00E-08	-1.72E-03	0.00E+00	-2.19E-01	0.00E+00	-5.92E-01	-3.10E-05	-5.92E-01	-8.10E-01	-2.19E-01	0.00E+00	0.00E+00	0.00E+00	-8.07E+01
MLU525	-1.36E-02	-1.42E-01	-3.05E-03	-1.39E-01	0.00E+00	0.00E+00	-3.30E+00	-1.35E-03	-6.26E-04	-7.97E-03	0.00E+00	8.98E-21	-2.16E-09	-1.58E-07	-2.55E-03	-1.49E+00	0.00E+00	0.00E+00	-2.90E+00	2.83E-20	-1.45E+00	0.00E+00	-6.75E-09	-2.89E-08	-2.37E-03	0.00E+00	-3.34E-01	0.00E+00	-1.45E+00	-4.00E-05	-1.45E+00	-1.78E+00	-3.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+02
MLU532	1.40E-03	5.57E-02	4.33E-03	5.14E-02	0.00E+00	0.00E+00	9.66E-01	1.64E-06	9.71E-04	6.22E-04	0.00E+00	2.95E-20	8.15E-11	1.10E-08	-1.84E-03	-1.08E-02	0.00E+00	0.00E+00	5.63E-01	1.05E-19	9.16E-01	0.00E+00	7.91E-09	3.55E-09	2.29E-04	0.00E+00	4.04E-02	0.00E+00	9.16E-01	-1.60E-08	9.16E-01	9.56E-01	4.04E-02	0.00E+00	0.00E+00	0.00E+00	2.02E+01
MLU540	-1.48E-02	-5.18E-02	-2.73E-03	-4.91E-02	0.00E+00	0.00E+00	-3.57E+00	-1.48E-03	-6.21E-04	-7.95E-03	0.00E+00	2.13E-20	-2.31E-09	-1.73E-07	-8.42E-03	-1.30E+00	0.00E+00	0.00E+00	-3.21E+00	7.88E-20	-1.38E+00	0.00E+00	-4.46E-09	-3.03E-08	-2.41E-03	0.00E+00	-3.47E-01	0.00E+00	-1.38E+00	-4.38E-05	-1.38E+00	-1.72E+00	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
MMN313	-9.05E-03	-1.98E-02	1.93E-03	-3.01E-02	0.00E+00	0.00E+00	-1.56E+00	-6.92E-04	1.80E-04	-5.70E-03	0.00E+00	4.60E-20	-2.50E-09	-1.11E-07	-4.29E-03	-1.89E+00	0.00E+00	0.00E+00	-2.62E+00	1.53E-19	-2.37E-01	0.00E+00	3.63E-09	-2.57E-08	-1.22E-03	0.00E+00	-4.68E-01	0.00E+00	-2.37E-01	-2.64E-05	-2.37E-01	-5.89E-01	-4.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
MMN404	-8.25E-03	6.25E-03	6.46E-04	-2.65E-02	0.00E+00	0.00E+00	-2.06E+00	-5.88E-04	1.42E-04	-5.74E-03	0.00E+00	4.60E-20	-2.39E-09	-8.92E-08	-3.95E-03	-2.58E+00	0.00E+00	0.00E+00	-3.11E+00	1.53E-19	-1.74E+00	0.00E+00	-3.06E-09	-1.82E-08	-1.85E-03	0.00E+00	-5.44E-01	0.00E+00	-1.74E+00	-2.96E-05	-1.74E+00	-2.32E+00	-5.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
MN120V	-1.48E-03	4.40E-02	6.20E-04	4.02E-02	0.00E+00	0.00E+00	-1.19E-01	-1.77E-04	8.05E-05	-2.06E-03	0.00E+00	4.60E-20	-4.86E-10	-2.51E-08	-6.49E-04	-2.88E-01	0.00E+00	0.00E+00	-3.75E-01	1.53E-19	3.90E-02	0.00E+00	2.80E-09	-4.51E-09	-6.94E-04	0.00E+00	-5.76E-02	0.00E+00	3.90E-02	-5.70E-06	3.90E-02	-2.96E-03	-5.76E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
MN132Z	-9.79E-03	2.70E-02	-5.42E-06	3.89E-02	0.00E+00	0.00E+00	-2.11E+00	-1.14E-03	-2.35E-04	-5.06E-03	0.00E+00	4.60E-20	-1.35E-09	-1.37E-07	-1.05E-03	-1.09E+00	0.00E+00	0.00E+00	-1.86E+00	1.53E-19	-7.90E-02	0.00E+00	1.62E-09	-2.02E-08	-1.47E-03	0.00E+00	-1.96E-01	0.00E+00	-7.90E-02	-3.25E-05	-7.90E-02	-3.00E-01	-1.96E-01	0.00E+00	0.00E+00	0.00E+00	-8.18E+01
MN140Z	-6.70E-03	3.62E-02	1.16E-03	5.98E-02	0.00E+00	0.00E+00	-1.73E+00	-8.04E-04	8.02E-05	-3.58E-03	0.00E+00	4.60E-20	-1.19E-09	-1.06E-07	-1.27E-03	-8.88E-01	0.00E+00	0.00E+00	-1.64E+00	1.53E-19	-5.33E-02	0.00E+00	3.98E-09	-1.48E-08	-1.05E-03	0.00E+00	-1.57E-01	0.00E+00	-5.33E-02	-2.54E-05	-5.33E-02	-2.20E-01	-1.57E-01	0.00E+00	0.00E+00	0.00E+00	-7.13E+01
MN150Z	-7.87E-03	-1.31E-01	-5.83E-04	-8.37E-02	0.00E+00	0.00E+00	-1.36E+00	-8.00E-04	-6.52E-05	-3.43E-03	0.00E+00	4.60E-20	-1.15E-09	-7.83E-08	-3.65E-03	-1.10E+00	0.00E+00	0.00E+00	-1.17E+00	1.53E-19	-6.94E-01	0.00E+00	-9.55E-10	-1.36E-08	-1.33E-03	0.00E+00	-2.72E-01	0.00E+00	-6.94E-01	-2.18E-05	-6.94E-01	-1.14E+00	-2.72E-01	0.00E+00	0.00E+00	0.00E+00	-5.14E+01
MN163Z	-5.33E-03	-1.05E-01	-5.04E-04	-7.16E-02	0.00E+00	0.00E+00	-1.10E+00	-6.47E-04	2.98E-04	-3.18E-03	0.00E+00	4.60E-20	-1.05E-09	-7.29E-08	-3.78E-03	-8.41E-01	0.00E+00	0.00E+00	-1.01E+00	1.53E-19	-6.50E-01	0.00E+00	3.12E-10	-1.05E-08	-1.04E-03	0.00E+00	-2.46E-01	0.00E+00	-6.50E-01	-2.04E-05	-6.50E-01	-1.11E+00	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-4.13E+01
MN206V	-2.78E-03	3.16E-02	3.14E-03	4.39E-03	0.00E+00	0.00E+00	4.43E-02	-4.85E-04	1.57E-04	-1.51E-03	0.00E+00	4.60E-20	-7.68E-10	-4.79E-08	-4.44E-03	-8.86E-01	0.00E+00	0.00E+00	-4.87E-01	1.53E-19	9.56E-02	0.00E+00	6.54E-09	-5.52E-09	-5.34E-04	0.00E+00	-1.46E-01	0.00E+00	9.56E-02	-1.76E-05	9.56E-02	1.74E-02	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
MN210V	-6.20E-03	-3.33E-01	-3.63E-03	-3.30E-01	0.00E+00	0.00E+00	-1.86E+00	-5.62E-04	-4.15E-04	-5.14E-03	0.00E+00	0.00E+00	-2.34E-09	-6.50E-08	-1.22E-02	-7.23E+00	0.00E+00	0.00E+00	-2.42E+00	0.00E+00	-2.60E+00	0.00E+00	-1.19E-08	-2.90E-08	-1.81E-03	0.00E+00	-1.24E+00	0.00E+00	-2.60E+00	-1.78E-05	-2.60E+00	-3.84E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MN210V33	-4.21E-03	1.50E-01	4.90E-03	1.45E-01	0.00E+00	0.00E+00	2.61E-01	-5.00E-04	-5.97E-05	-1.01E-03	0.00E+00	7.93E-20	-3.52E-10	-5.55E-08	9.77E-03	-3.29E-01	0.00E+00	0.00E+00	2.42E-01	2.73E-19	2.12E+00	0.00E+00	1.73E-08	-4.06E-10	-2.88E-04	0.00E+00	7.10E-02	0.00E+00	2.12E+00	-1.37E-05	2.12E+00	2.19E+00	7.10E-02	0.00E+00	0.00E+00	0.00E+00	1.91E+00
MN216V	-6.19E-03	-3.32E-01	-3.59E-03	-3.29E-01	0.00E+00	0.00E+00	-1.86E+00	-5.62E-04	-4.14E-04	-5.13E-03	0.00E+00	0.00E+00	-2.33E-09	-6.50E-08	-1.22E-02	-7.23E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-2.59E+00	0.00E+00	-1.19E-08	-2.89E-08	-1.80E-03	0.00E+00	-1.24E+00	0.00E+00	-2.59E+00	-1.78E-05	-2.59E+00	-3.82E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MN216V33	-4.28E-03	1.37E-01	4.73E-03	1.33E-01	0.00E+00	0.00E+00	2.48E-01	-5.00E-04	-6.91E-05	-1.11E-03	0.00E+00	7.58E-20	-3.61E-10	-5.57E-08	1.57E-03	-3.64E-01	0.00E+00	0.00E+00	9.36E-02	2.65E-19	1.97E+00	0.00E+00	1.70E-08	-1.18E-09	-3.18E-04	0.00E+00	1.56E-02	0.00E+00	1.97E+00	-1.37E-05	1.97E+00	1.99E+00	1.56E-02	0.00E+00	0.00E+00	0.00E+00	-3.38E+00
MN220V	-6.95E-03	-3.38E-01	-3.77E-03	-3.34E-01	0.00E+00	0.00E+00	-2.05E+00	-6.37E-04	-4.48E-04	-5.55E-03	0.00E+00	0.00E+00	-2.43E-09	-7.37E-08	-1.23E-02	-7.29E+00	0.00E+00	0.00E+00	-2.56E+00	0.00E+00	-2.65E+00	0.00E+00	-1.22E-08	-3.03E-08	-1.92E-03	0.00E+00	-1.25E+00	0.00E+00	-2.65E+00	-2.00E-05	-2.65E+00	-3.90E+00	-1.25E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MN220V33	-4.79E-04	-2.53E-01	-7.72E-04	-2.53E-01	0.00E+00	0.00E+00	-3.63E-01	-5.78E-05	2.09E-04	-1.90E-03	0.00E+00	1.11E-20	-1.56E-09	-1.75E-09	-1.66E-03	-6.39E+00	0.00E+00	0.00E+00	-9.22E-01	3.37E-20	-1.68E+00	0.00E+00	-6.94E-09	-1.67E-08	-8.61E-04	0.00E+00	-9.91E-01	0.00E+00	-1.68E+00	-3.08E-06	-1.68E+00	-2.67E+00	-9.91E-01	0.00E+00	0.00E+00	0.00E+00	-3.89E+01
MN225V	2.53E-04	-1.24E-01	1.37E-03	-1.25E-01	0.00E+00	0.00E+00	1.88E-01	-5.06E-05	6.30E-04	-1.21E-03	0.00E+00	2.76E-20	-1.45E-09	3.47E-09	1.66E-03	-5.49E-01	0.00E+00	0.00E+00	-6.17E-01	9.06E-20	-9.14E-01	0.00E+00	-1.40E-09	-1.06E-08	-6.16E-04	0.00E+00	-1.06E-01	0.00E+00	-9.14E-01	-2.94E-06	-9.14E-01	-1.02E+00	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-2.87E+01
MN225V1	-1.19E-02	-3.47E-02	-2.10E-03	-3.26E-02	0.00E+00	0.00E+00	-2.91E+00	-1.20E-03	-5.02E-04	-6.42E-03	0.00E+00	4.77E-20	-2.94E-09	-1.38E-07	-5.55E-05	-1.10E+00	0.00E+00	0.00E+00	-3.10E+00	1.67E-19	-1.66E+00	0.00E+00	-3.50E-09	-3.10E-08	-2.23E-03	0.00E+00	-2.92E-01	0.00E+00	-1.66E+00	-3.60E-05	-1.66E+00	-1.95E+00	-2.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
MN225Z	-1.81E-03	6.47E-04	2.37E-03	-4.88E-02	0.00E+00	0.00E+00	-5.24E-01	-4.56E-04	7.07E-05	-1.92E-03	0.00E+00	4.60E-20	-1.43E-09	-6.19E-08	-5.58E-04	-9.72E-01	0.00E+00	0.00E+00	-1.11E+00	1.53E-19	-2.58E-01	0.00E+00	4.75E-09	-1.19E-08	-8.31E-04	0.00E+00	-1.72E-01	0.00E+00	-2.58E-01	-1.66E-05	-2.58E-01	-4.68E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-5.28E+01
MN232V	2.26E-03	4.84E-02	6.83E-03	4.16E-02	0.00E+00	0.00E+00	1.44E+00	-1.21E-05	1.66E-03	6.19E-04	0.00E+00	5.46E-20	-2.99E-10	1.79E-08	7.75E-03	-5.25E-01	0.00E+00	0.00E+00	7.62E-01	1.87E-19	1.23E+00	0.00E+00	1.14E-08	2.81E-09	1.82E-04	0.00E+00	3.15E-02	0.00E+00	1.23E+00	-9.15E-07	1.23E+00	1.26E+00	3.15E-02	0.00E+00	0.00E+00	0.00E+00	2.50E+01
MN232V1	-4.44E-04	2.58E-01	7.03E-03	2.51E-01	0.00E+00	0.00E+00	7.61E-01	-2.97E-04	1.49E-03	7.43E-04	0.00E+00	8.38E-20	-6.42E-10	-1.77E-08	9.13E-03	-1.06E-01	0.00E+00	0.00E+00	2.46E-01	2.99E-19	1.49E+00	0.00E+00	1.56E-08	2.50E-10	1.00E-04	0.00E+00	8.29E-02	0.00E+00	1.49E+00	-1.11E-05	1.49E+00	1.57E+00	8.29E-02	0.00E+00	0.00E+00	0.00E+00	1.92E+00
MN232Z	-1.42E-02	6.52E-03	-8.60E-04	2.54E-02	0.00E+00	0.00E+00	-2.59E+00	-1.58E-03	-3.28E-04	-7.35E-03	0.00E+00	4.60E-20	-2.35E-09	-1.78E-07	-3.57E-03	-1.92E+00	0.00E+00	0.00E+00	-2.39E+00	1.53E-19	-2.41E-01	0.00E+00	2.02E-09	-3.01E-08	-2.48E-03	0.00E+00	-3.36E-01	0.00E+00	-2.41E-01	-4.26E-05	-2.41E-01	-5.88E-01	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
MN240V	2.56E-03	1.06E-01	8.88E-03	9.69E-02	0.00E+00	0.00E+00	1.99E+00	3.82E-06	1.72E-03	1.24E-03	0.00E+00	6.67E-20	3.68E-10	2.02E-08	-8.32E-03	-4.33E-01	0.00E+00	0.00E+00	1.36E+00	2.27E-19	1.91E+00	0.00E+00	1.64E-08	7.31E-09	4.54E-04	0.00E+00	1.93E-02	0.00E+00	1.91E+00	3.62E-07	1.91E+00	1.93E+00	1.93E-02	0.00E+00	0.00E+00	0.00E+00	5.12E+01
MN240V1	-2.58E-02	-2.99E-01	-5.36E-03	-2.94E-01	0.00E+00	0.00E+00	-6.14E+00	-2.55E-03	-1.20E-03	-1.53E-02	0.00E+00	2.05E-20	-3.98E-09	-2.97E-07	-2.30E-02	-3.22E+00	0.00E+00	0.00E+00	-5.45E+00	6.28E-20	-2.96E+00	0.00E+00	-1.27E-08	-5.61E-08	-4.55E-03	0.00E+00	-7.70E-01	0.00E+00	-2.96E+00	-7.64E-05	-2.96E+00	-3.73E+00	-7.70E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
MN250Z	-9.40E-03	-1.52E-01	-2.57E-03	-6.73E-02	0.00E+00	0.00E+00	-1.42E+00	-1.36E-03	2.31E-04	-4.64E-03	0.00E+00	4.60E-20	-1.19E-09	-1.37E-07	-8.53E-03	-1.43E+00	0.00E+00	0.00E+00	-1.21E+00	1.53E-19	-9.61E-01	0.00E+00	-1.16E-09	-1.74E-08	-2.19E-03	0.00E+00	-3.34E-01	0.00E+00	-9.61E-01	-2.93E-05	-9.61E-01	-1.47E+00	-3.34E-01	0.00E+00	0.00E+00	0.00E+00	-5.81E+01
MN263Z	-7.59E-03	-7.93E-02	-2.83E-03	2.90E-02	0.00E+00	0.00E+00	-1.52E+00	-1.48E-03	3.48E-04	-3.26E-03	0.00E+00	4.60E-20	-1.11E-09	-1.58E-07	-6.31E-03	-9.54E-01	0.00E+00	0.00E+00	-1.19E+00	1.53E-19	-7.66E-01	0.00E+00	7.36E-10	-3.72E-08	-1.99E-03	0.00E+00	-2.74E-01	0.00E+00	-7.66E-01	-3.80E-05	-7.66E-01	-1.23E+00	-2.74E-01	0.00E+00	0.00E+00	0.00E+00	-6.14E+01
MN306Z	-5.41E-03	7.46E-02	4.00E-03	4.55E-02	0.00E+00	0.00E+00	1.19E-01	-6.47E-04	1.51E-04	-2.26E-03	0.00E+00	4.60E-20	-1.07E-09	-8.64E-08	-1.87E-03	-1.12E+00	0.00E+00	0.00E+00	-9.23E-01	1.53E-19	3.30E-01	0.00E+00	1.21E-08	-8.96E-09	-1.11E-03	0.00E+00	-1.99E-01	0.00E+00	3.30E-01	-2.04E-05	3.30E-01	4.27E-02	-1.99E-01	0.00E+00	0.00E+00	0.00E+00	-4.79E+01
MN310Z	-5.20E-03	6.43E-02	4.13E-03	2.99E-02	0.00E+00	0.00E+00	-2.40E-01	-6.63E-04	1.54E-04	-3.04E-03	0.00E+00	4.60E-20	-1.24E-09	-7.82E-08	-1.15E-03	-1.28E+00	0.00E+00	0.00E+00	-1.47E+00	1.53E-19	-9.49E-02	0.00E+00	1.16E-08	-1.03E-08	-1.25E-03	0.00E+00	-2.73E-01	0.00E+00	-9.49E-02	-2.13E-05	-9.49E-02	-4.68E-01	-2.73E-01	0.00E+00	0.00E+00	0.00E+00	-6.86E+01
MN320Z	-8.98E-03	3.41E-02	2.20E-03	-3.06E-02	0.00E+00	0.00E+00	-1.30E+00	-1.07E-03	-1.33E-04	-5.96E-03	0.00E+00	4.60E-20	-1.65E-09	-1.17E-07	4.08E-05	-1.46E+00	0.00E+00	0.00E+00	-2.00E+00	1.53E-19	-3.53E-01	0.00E+00	1.17E-08	-1.83E-08	-1.61E-03	0.00E+00	-3.29E-01	0.00E+00	-3.53E-01	-3.34E-05	-3.53E-01	-7.72E-01	-3.29E-01	0.00E+00	0.00E+00	0.00E+00	-8.88E+01
MN332Z	-1.66E-02	7.01E-04	-2.83E-03	1.04E-01	0.00E+00	0.00E+00	-3.70E+00	-1.68E-03	-1.07E-03	-4.85E-03	0.00E+00	4.60E-20	-4.98E-09	-2.09E-07	-2.66E-04	-1.10E+00	0.00E+00	0.00E+00	-3.69E+00	1.53E-19	-6.77E-01	0.00E+00	1.34E-08	-6.10E-08	-2.02E-03	0.00E+00	-4.76E-01	0.00E+00	-6.77E-01	-4.48E-05	-6.77E-01	-1.09E+00	-4.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.70E+02
MN340Z	-3.37E-02	-2.09E-01	-1.77E-03	-3.45E-01	0.00E+00	0.00E+00	-6.06E+00	-3.36E-03	-1.38E-03	-1.98E-02	0.00E+00	4.60E-20	-5.41E-09	-3.49E-07	-3.51E-03	-3.17E+00	0.00E+00	0.00E+00	-5.75E+00	1.53E-19	-8.38E-01	0.00E+00	6.16E-09	-6.90E-08	-5.91E-03	0.00E+00	-5.40E-01	0.00E+00	-8.38E-01	-9.27E-05	-8.38E-01	-1.49E+00	-5.40E-01	0.00E+00	0.00E+00	0.00E+00	-2.56E+02
MN363Z	-4.20E-02	-2.75E-01	-7.79E-03	-2.52E-01	0.00E+00	0.00E+00	-8.82E+00	-3.91E-03	-1.44E-03	-2.36E-02	0.00E+00	4.60E-20	-6.62E-09	-5.63E-07	-4.52E-03	-3.78E+00	0.00E+00	0.00E+00	-7.79E+00	1.53E-19	-2.50E+00	0.00E+00	-5.92E-09	-9.67E-08	-6.43E-03	0.00E+00	-8.89E-01	0.00E+00	-2.50E+00	-1.40E-04	-2.50E+00	-3.36E+00	-8.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.37E+02
MN463Z	-5.94E-02	-3.15E-01	-9.36E-03	-1.93E-01	0.00E+00	0.00E+00	-1.06E+01	-6.10E-03	-2.60E-03	-3.29E-02	0.00E+00	4.60E-20	-8.68E-09	-7.04E-07	-4.35E-03	-5.86E+00	0.00E+00	0.00E+00	-9.06E+00	1.53E-19	-3.31E+00	0.00E+00	-9.39E-09	-1.16E-07	-9.45E-03	0.00E+00	-1.01E+00	0.00E+00	-3.31E+00	-1.76E-04	-3.31E+00	-4.30E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-3.98E+02
MN506V	-1.99E-03	4.84E-02	3.58E-03	2.11E-02	0.00E+00	0.00E+00	-2.74E-02	-2.88E-04	1.31E-04	-1.10E-03	0.00E+00	4.60E-20	-6.31E-10	-2.73E-08	-5.67E-03	-8.45E-01	0.00E+00	0.00E+00	-5.16E-01	1.53E-19	5.03E-02	0.00E+00	6.60E-09	-3.56E-09	-4.22E-04	0.00E+00	-1.36E-01	0.00E+00	5.03E-02	-8.66E-06	5.03E-02	-1.03E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
MN510V	-6.20E-03	-3.34E-01	-3.63E-03	-3.30E-01	0.00E+00	0.00E+00	-1.86E+00	-5.62E-04	-4.15E-04	-5.14E-03	0.00E+00	0.00E+00	-2.35E-09	-6.50E-08	-1.22E-02	-7.27E+00	0.00E+00	0.00E+00	-2.42E+00	0.00E+00	-2.60E+00	0.00E+00	-1.19E-08	-2.90E-08	-1.81E-03	0.00E+00	-1.24E+00	0.00E+00	-2.60E+00	-1.78E-05	-2.60E+00	-3.84E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MN510V33	8.24E-04	1.73E-02	5.29E-03	1.20E-02	0.00E+00	0.00E+00	1.43E+00	2.60E-06	3.95E-04	8.08E-04	0.00E+00	5.94E-20	2.50E-10	6.14E-09	7.53E-03	-5.89E+00	0.00E+00	0.00E+00	1.03E+00	1.97E-19	1.50E+00	0.00E+00	1.11E-08	2.52E-09	2.53E-04	0.00E+00	-7.26E-01	0.00E+00	1.50E+00	3.71E-07	1.50E+00	7.72E-01	-7.26E-01	0.00E+00	0.00E+00	0.00E+00	3.74E+01
MN516V	-6.19E-03	-3.33E-01	-3.60E-03	-3.29E-01	0.00E+00	0.00E+00	-1.86E+00	-5.62E-04	-4.14E-04	-5.13E-03	0.00E+00	0.00E+00	-2.33E-09	-6.50E-08	-1.22E-02	-7.26E+00	0.00E+00	0.00E+00	-2.40E+00	0.00E+00	-2.59E+00	0.00E+00	-1.19E-08	-2.89E-08	-1.80E-03	0.00E+00	-1.24E+00	0.00E+00	-2.59E+00	-1.78E-05	-2.59E+00	-3.83E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MN516V33	-6.20E-03	-3.33E-01	-3.60E-03	-3.29E-01	0.00E+00	0.00E+00	-1.86E+00	-5.62E-04	-4.14E-04	-5.13E-03	0.00E+00	0.00E+00	-2.33E-09	-6.50E-08	-1.22E-02	-7.27E+00	0.00E+00	0.00E+00	-2.41E+00	0.00E+00	-2.59E+00	0.00E+00	-1.19E-08	-2.89E-08	-1.80E-03	0.00E+00	-1.24E+00	0.00E+00	-2.59E+00	-1.78E-05	-2.59E+00	-3.83E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MN520V	-6.95E-03	-3.39E-01	-3.77E-03	-3.35E-01	0.00E+00	0.00E+00	-2.05E+00	-6.37E-04	-4.48E-04	-5.55E-03	0.00E+00	0.00E+00	-2.43E-09	-7.37E-08	-1.24E-02	-7.33E+00	0.00E+00	0.00E+00	-2.56E+00	0.00E+00	-2.65E+00	0.00E+00	-1.22E-08	-3.03E-08	-1.92E-03	0.00E+00	-1.26E+00	0.00E+00	-2.65E+00	-2.00E-05	-2.65E+00	-3.91E+00	-1.26E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MN520V33	-6.95E-03	-3.39E-01	-3.77E-03	-3.35E-01	0.00E+00	0.00E+00	-2.05E+00	-6.37E-04	-4.48E-04	-5.56E-03	0.00E+00	0.00E+00	-2.43E-09	-7.37E-08	-1.24E-02	-7.33E+00	0.00E+00	0.00E+00	-2.56E+00	0.00E+00	-2.66E+00	0.00E+00	-1.22E-08	-3.03E-08	-1.93E-03	0.00E+00	-1.26E+00	0.00E+00	-2.66E+00	-2.00E-05	-2.66E+00	-3.91E+00	-1.26E+00	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MN525V	-1.30E-03	-1.64E-01	2.59E-04	-1.64E-01	0.00E+00	0.00E+00	-4.69E-01	-1.97E-04	5.43E-04	-2.31E-03	0.00E+00	1.70E-20	-1.63E-09	-1.41E-08	-3.28E-04	-8.16E-01	0.00E+00	0.00E+00	-9.44E-01	5.21E-20	-1.41E+00	0.00E+00	-4.86E-09	-1.48E-08	-9.43E-04	0.00E+00	-1.67E-01	0.00E+00	-1.41E+00	-8.12E-06	-1.41E+00	-1.58E+00	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-4.10E+01
MN525V1	-1.28E-02	-6.02E-02	6.93E-04	-6.09E-02	0.00E+00	0.00E+00	-2.02E+00	-1.29E-03	-5.30E-04	-6.85E-03	0.00E+00	4.58E-20	-1.52E-09	-1.49E-07	-1.49E-02	-1.95E+00	0.00E+00	0.00E+00	-2.13E+00	1.55E-19	-1.41E-01	0.00E+00	3.15E-09	-2.25E-08	-1.95E-03	0.00E+00	-3.99E-01	0.00E+00	-1.41E-01	-3.82E-05	-1.41E-01	-5.40E-01	-3.99E-01	0.00E+00	0.00E+00	0.00E+00	-9.46E+01
MN532V	-2.50E-02	-1.32E-01	-2.04E-03	-1.30E-01	0.00E+00	0.00E+00	-5.15E+00	-2.52E-03	-1.06E-03	-1.36E-02	0.00E+00	4.82E-20	-3.07E-09	-2.93E-07	8.51E-04	-2.96E+00	0.00E+00	0.00E+00	-4.28E+00	1.56E-19	-9.32E-01	0.00E+00	-2.36E-09	-4.42E-08	-3.88E-03	0.00E+00	-5.32E-01	0.00E+00	-9.32E-01	-7.47E-05	-9.32E-01	-1.46E+00	-5.32E-01	0.00E+00	0.00E+00	0.00E+00	-1.88E+02
MN532V1	1.72E-03	-6.21E-02	5.04E-03	-6.71E-02	0.00E+00	0.00E+00	8.87E-01	-3.24E-05	1.57E-03	-4.25E-04	0.00E+00	3.49E-20	-7.44E-10	1.51E-08	-1.40E-02	-9.73E-01	0.00E+00	0.00E+00	1.22E-01	1.23E-19	-5.69E-02	0.00E+00	5.12E-09	-4.63E-09	-2.27E-04	0.00E+00	-1.82E-01	0.00E+00	-5.69E-02	-1.74E-06	-5.69E-02	-2.39E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	2.69E+00
MN540V	-2.20E-02	-1.29E-01	-1.22E-03	-1.27E-01	0.00E+00	0.00E+00	-4.37E+00	-2.23E-03	-7.54E-04	-1.21E-02	0.00E+00	4.49E-20	-2.78E-09	-2.57E-07	-1.69E-02	-2.67E+00	0.00E+00	0.00E+00	-4.06E+00	1.54E-19	-9.12E-01	0.00E+00	-4.84E-10	-4.00E-08	-3.45E-03	0.00E+00	-5.83E-01	0.00E+00	-9.12E-01	-6.45E-05	-9.12E-01	-1.50E+00	-5.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
MN540V1	-9.20E-04	1.28E-02	5.44E-03	7.33E-03	0.00E+00	0.00E+00	6.22E-01	-2.97E-04	1.33E-03	-1.17E-03	0.00E+00	5.08E-20	-6.82E-10	-1.81E-08	6.40E-03	-8.33E-01	0.00E+00	0.00E+00	1.00E-01	1.72E-19	8.18E-01	0.00E+00	8.71E-09	-3.46E-09	-3.36E-04	0.00E+00	-4.57E-02	0.00E+00	8.18E-01	-1.12E-05	8.18E-01	7.72E-01	-4.57E-02	0.00E+00	0.00E+00	0.00E+00	-2.56E+00
MN906V	-2.76E-03	1.71E-02	1.58E-03	1.36E-02	0.00E+00	0.00E+00	-5.86E-01	-3.43E-04	-7.85E-05	-1.55E-03	0.00E+00	4.60E-20	-8.51E-10	-4.59E-08	2.56E-04	-4.55E-01	0.00E+00	0.00E+00	-6.79E-01	1.53E-19	-1.15E-01	0.00E+00	5.66E-10	-1.58E-08	-5.57E-04	0.00E+00	-1.04E-01	0.00E+00	-1.15E-01	-1.29E-05	-1.15E-01	-1.99E-01	-1.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
MN910V	-4.92E-03	-1.96E-02	3.25E-04	-1.99E-02	0.00E+00	0.00E+00	-7.74E-01	-5.01E-04	-2.03E-04	-2.63E-03	0.00E+00	2.26E-20	-7.33E-10	-5.76E-08	1.60E-03	-6.16E-01	0.00E+00	0.00E+00	-8.12E-01	7.47E-20	-3.09E-02	0.00E+00	1.29E-09	-9.07E-09	-7.84E-04	0.00E+00	-9.75E-02	0.00E+00	-3.09E-02	-1.49E-05	-3.09E-02	-1.28E-01	-9.75E-02	0.00E+00	0.00E+00	0.00E+00	-3.72E+01
MN916V	8.93E-04	1.54E-01	3.93E-03	1.50E-01	0.00E+00	0.00E+00	8.77E-01	1.63E-06	4.54E-04	1.34E-03	0.00E+00	4.57E-20	1.66E-10	5.31E-09	5.54E-03	2.45E-01	0.00E+00	0.00E+00	6.94E-01	1.58E-19	1.18E+00	0.00E+00	9.59E-09	4.84E-09	3.60E-04	0.00E+00	1.22E-01	0.00E+00	1.18E+00	2.27E-07	1.18E+00	1.30E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.50E+01
MN920V	3.08E-04	7.26E-02	2.62E-03	7.00E-02	0.00E+00	0.00E+00	2.37E-01	-7.82E-05	6.98E-04	2.33E-04	0.00E+00	3.04E-20	-4.48E-10	-1.03E-09	2.75E-03	9.60E-02	0.00E+00	0.00E+00	7.51E-02	1.07E-19	2.25E-01	0.00E+00	4.32E-09	-1.60E-09	-4.04E-05	0.00E+00	4.59E-02	0.00E+00	2.25E-01	-3.07E-06	2.25E-01	2.70E-01	4.59E-02	0.00E+00	0.00E+00	0.00E+00	5.95E-01
MN925V	2.83E-04	-2.32E-02	2.08E-03	-2.53E-02	0.00E+00	0.00E+00	2.18E-01	-7.67E-05	7.71E-04	-4.91E-04	0.00E+00	1.57E-20	-5.22E-10	2.12E-10	1.75E-03	-2.87E-01	0.00E+00	0.00E+00	-8.82E-02	5.51E-20	-2.90E-02	0.00E+00	1.85E-09	-2.98E-09	-1.91E-04	0.00E+00	-2.83E-02	0.00E+00	-2.90E-02	-3.22E-06	-2.90E-02	-5.73E-02	-2.83E-02	0.00E+00	0.00E+00	0.00E+00	-6.01E+00
MN932V	-1.39E-02	-6.84E-02	-2.96E-03	-6.55E-02	0.00E+00	0.00E+00	-3.52E+00	-1.40E-03	-5.59E-04	-7.67E-03	0.00E+00	1.74E-20	-2.34E-09	-1.63E-07	-2.37E-03	-1.23E+00	0.00E+00	0.00E+00	-3.09E+00	6.32E-20	-1.49E+00	0.00E+00	-5.69E-09	-2.98E-08	-2.35E-03	0.00E+00	-3.07E-01	0.00E+00	-1.49E+00	-4.10E-05	-1.49E+00	-1.80E+00	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.33E+02
MN940V	-9.12E-03	2.32E-05	1.30E-03	8.45E-03	0.00E+00	0.00E+00	-1.40E+00	-1.00E-03	-1.51E-04	-4.81E-03	0.00E+00	4.60E-20	-1.51E-09	-1.08E-07	-9.55E-04	-8.31E-01	0.00E+00	0.00E+00	-1.39E+00	1.53E-19	-2.63E-01	0.00E+00	-1.52E-09	-2.26E-08	-8.13E-04	0.00E+00	-1.60E-01	0.00E+00	-2.63E-01	-3.06E-05	-2.63E-01	-5.09E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-6.40E+01
MR110	-2.93E-03	-1.75E-01	-1.76E-03	-1.98E-01	0.00E+00	0.00E+00	-1.37E+00	-3.28E-04	-2.46E-04	-2.67E-03	0.00E+00	4.60E-20	-1.29E-09	-4.80E-08	-7.91E-03	-5.97E+00	0.00E+00	0.00E+00	-1.56E+00	1.53E-19	-1.22E+00	0.00E+00	-5.80E-09	-1.86E-08	-1.10E-03	0.00E+00	-7.79E-01	0.00E+00	-1.22E+00	-1.14E-05	-1.22E+00	-2.01E+00	-7.79E-01	0.00E+00	0.00E+00	0.00E+00	-6.37E+01
MR116	-3.17E-03	-1.82E-01	-1.76E-03	-2.02E-01	0.00E+00	0.00E+00	-1.47E+00	-3.34E-04	-2.54E-04	-2.81E-03	0.00E+00	4.60E-20	-1.30E-09	-5.20E-08	-8.35E-03	-5.92E+00	0.00E+00	0.00E+00	-1.63E+00	1.53E-19	-1.25E+00	0.00E+00	-5.84E-09	-1.90E-08	-1.19E-03	0.00E+00	-8.16E-01	0.00E+00	-1.25E+00	-1.14E-05	-1.25E+00	-2.07E+00	-8.16E-01	0.00E+00	0.00E+00	0.00E+00	-6.61E+01
MR120	-4.20E-03	-1.84E-01	-1.76E-03	-2.06E-01	0.00E+00	0.00E+00	-1.69E+00	-3.52E-04	-2.72E-04	-3.70E-03	0.00E+00	4.60E-20	-1.35E-09	-6.34E-08	-1.47E-02	-8.95E+00	0.00E+00	0.00E+00	-1.73E+00	1.53E-19	-1.27E+00	0.00E+00	-6.05E-09	-2.03E-08	-1.33E-03	0.00E+00	-1.23E+00	0.00E+00	-1.27E+00	-1.45E-05	-1.27E+00	-2.21E+00	-1.23E+00	0.00E+00	0.00E+00	0.00E+00	-6.90E+01
MR132	-9.60E-03	-1.82E-01	-1.60E-03	-1.70E-01	0.00E+00	0.00E+00	-2.61E+00	-9.30E-04	-3.98E-04	-5.84E-03	0.00E+00	4.60E-20	-1.79E-09	-1.14E-07	-1.52E-02	-9.85E+00	0.00E+00	0.00E+00	-2.39E+00	1.53E-19	-1.26E+00	0.00E+00	-5.06E-09	-2.58E-08	-1.76E-03	0.00E+00	-1.29E+00	0.00E+00	-1.26E+00	-2.76E-05	-1.26E+00	-2.14E+00	-1.29E+00	0.00E+00	0.00E+00	0.00E+00	-9.97E+01
MR210	-6.69E-03	-3.18E-01	-4.40E-03	-3.19E-01	0.00E+00	0.00E+00	-1.70E+00	-6.20E-04	-3.67E-04	-4.97E-03	0.00E+00	4.60E-20	-1.96E-09	-7.92E-08	-1.38E-02	-6.47E+00	0.00E+00	0.00E+00	-2.19E+00	1.53E-19	-2.41E+00	0.00E+00	-1.10E-08	-2.86E-08	-1.88E-03	0.00E+00	-1.12E+00	0.00E+00	-2.41E+00	-2.13E-05	-2.41E+00	-3.87E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-9.42E+01
MR216	-8.11E-03	-3.29E-01	-4.34E-03	-3.23E-01	0.00E+00	0.00E+00	-2.01E+00	-8.15E-04	-3.85E-04	-5.44E-03	0.00E+00	4.60E-20	-2.15E-09	-9.08E-08	-1.42E-02	-6.45E+00	0.00E+00	0.00E+00	-2.46E+00	1.53E-19	-2.44E+00	0.00E+00	-1.09E-08	-2.96E-08	-2.13E-03	0.00E+00	-1.19E+00	0.00E+00	-2.44E+00	-2.40E-05	-2.44E+00	-4.06E+00	-1.19E+00	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
MR220	-9.69E-03	-3.35E-01	-4.62E-03	-3.46E-01	0.00E+00	0.00E+00	-2.24E+00	-8.11E-04	-4.16E-04	-6.83E-03	0.00E+00	4.60E-20	-2.21E-09	-1.05E-07	-2.09E-02	-1.18E+01	0.00E+00	0.00E+00	-2.63E+00	1.53E-19	-2.61E+00	0.00E+00	-1.14E-08	-3.40E-08	-2.37E-03	0.00E+00	-1.64E+00	0.00E+00	-2.61E+00	-2.88E-05	-2.61E+00	-4.22E+00	-1.64E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
MR232	-1.36E-02	-4.50E-01	-5.30E-03	-3.85E-01	0.00E+00	0.00E+00	-3.74E+00	-1.20E-03	-5.37E-04	-9.88E-03	0.00E+00	4.60E-20	-3.18E-09	-1.51E-07	-2.16E-02	-1.28E+01	0.00E+00	0.00E+00	-3.63E+00	1.53E-19	-3.49E+00	0.00E+00	-1.30E-08	-4.05E-08	-3.03E-03	0.00E+00	-2.10E+00	0.00E+00	-3.49E+00	-3.87E-05	-3.49E+00	-5.56E+00	-2.10E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MR240	-1.56E-02	-4.50E-01	-5.67E-03	-4.01E-01	0.00E+00	0.00E+00	-3.99E+00	-1.72E-03	-7.08E-04	-1.08E-02	0.00E+00	4.60E-20	-3.32E-09	-1.71E-07	-2.23E-02	-1.34E+01	0.00E+00	0.00E+00	-3.78E+00	1.53E-19	-3.61E+00	0.00E+00	-1.30E-08	-4.16E-08	-3.64E-03	0.00E+00	-2.25E+00	0.00E+00	-3.61E+00	-5.35E-05	-3.61E+00	-5.63E+00	-2.25E+00	0.00E+00	0.00E+00	0.00E+00	-1.60E+02
MR263	-9.14E-03	-8.16E-02	1.03E-03	-1.08E-01	0.00E+00	0.00E+00	-3.31E+00	-1.78E-03	-1.23E-04	-4.59E-03	0.00E+00	4.60E-20	-2.98E-09	-1.07E-07	-1.08E-03	-3.08E+00	0.00E+00	0.00E+00	-2.77E+00	1.53E-19	7.04E-02	0.00E+00	3.49E-09	-4.47E-08	-1.94E-03	0.00E+00	-8.43E-01	0.00E+00	7.04E-02	-3.20E-05	7.04E-02	-6.15E-01	-8.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
MR310	-9.42E-03	-3.37E-01	-7.25E-03	-3.21E-01	0.00E+00	0.00E+00	-2.22E+00	-8.91E-04	-3.88E-04	-6.20E-03	0.00E+00	4.60E-20	-2.46E-09	-1.03E-07	-1.36E-02	-6.70E+00	0.00E+00	0.00E+00	-2.79E+00	1.53E-19	-3.00E+00	0.00E+00	-1.61E-08	-3.24E-08	-2.18E-03	0.00E+00	-1.19E+00	0.00E+00	-3.00E+00	-2.70E-05	-3.00E+00	-4.20E+00	-1.19E+00	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MR316	-9.57E-03	-3.51E-01	-7.62E-03	-3.46E-01	0.00E+00	0.00E+00	-2.39E+00	-1.03E-03	-4.22E-04	-6.53E-03	0.00E+00	4.60E-20	-2.70E-09	-9.98E-08	-1.51E-02	-6.71E+00	0.00E+00	0.00E+00	-3.01E+00	1.53E-19	-3.05E+00	0.00E+00	-1.61E-08	-3.41E-08	-2.45E-03	0.00E+00	-1.29E+00	0.00E+00	-3.05E+00	-3.03E-05	-3.05E+00	-4.45E+00	-1.29E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
MR320	-1.14E-02	-3.47E-01	-7.56E-03	-3.55E-01	0.00E+00	0.00E+00	-2.65E+00	-1.09E-03	-4.88E-04	-9.14E-03	0.00E+00	4.60E-20	-2.77E-09	-1.23E-07	-2.29E-02	-1.50E+01	0.00E+00	0.00E+00	-3.32E+00	1.53E-19	-3.09E+00	0.00E+00	-1.61E-08	-3.56E-08	-2.80E-03	0.00E+00	-1.78E+00	0.00E+00	-3.09E+00	-3.69E-05	-3.09E+00	-4.55E+00	-1.78E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+02
MR325	-1.73E-02	-4.74E-01	-7.84E-03	-4.90E-01	0.00E+00	0.00E+00	-4.18E+00	-1.85E-03	-7.97E-04	-1.21E-02	0.00E+00	4.60E-20	-4.44E-09	-2.00E-07	-2.47E-02	-1.63E+01	0.00E+00	0.00E+00	-4.79E+00	1.53E-19	-4.18E+00	0.00E+00	-1.74E-08	-4.96E-08	-3.26E-03	0.00E+00	-2.53E+00	0.00E+00	-4.18E+00	-5.64E-05	-4.18E+00	-6.25E+00	-2.53E+00	0.00E+00	0.00E+00	0.00E+00	-2.08E+02
MR332	-2.22E-02	-3.61E-01	-7.85E-03	-4.36E-01	0.00E+00	0.00E+00	-5.62E+00	-2.69E-03	-1.09E-03	-1.32E-02	0.00E+00	4.60E-20	-4.36E-09	-2.48E-07	-2.39E-02	-1.57E+01	0.00E+00	0.00E+00	-5.65E+00	1.53E-19	-3.18E+00	0.00E+00	-1.57E-08	-6.42E-08	-4.10E-03	0.00E+00	-2.44E+00	0.00E+00	-3.18E+00	-6.66E-05	-3.18E+00	-4.93E+00	-2.44E+00	0.00E+00	0.00E+00	0.00E+00	-2.46E+02
MR340	-2.96E-02	-3.72E-01	-8.26E-03	-4.82E-01	0.00E+00	0.00E+00	-6.99E+00	-3.55E-03	-1.41E-03	-1.82E-02	0.00E+00	4.60E-20	-5.09E-09	-3.53E-07	-2.44E-02	-1.58E+01	0.00E+00	0.00E+00	-6.72E+00	1.53E-19	-3.24E+00	0.00E+00	-1.57E-08	-7.54E-08	-5.55E-03	0.00E+00	-2.44E+00	0.00E+00	-3.24E+00	-9.26E-05	-3.24E+00	-4.98E+00	-2.44E+00	0.00E+00	0.00E+00	0.00E+00	-2.85E+02
MS110	-2.93E-03	-1.75E-01	-1.82E-03	-2.02E-01	0.00E+00	0.00E+00	-1.43E+00	-3.24E-04	-2.43E-04	-2.67E-03	0.00E+00	4.60E-20	-1.27E-09	-4.66E-08	-7.20E-03	-5.89E+00	0.00E+00	0.00E+00	-1.56E+00	1.53E-19	-1.35E+00	0.00E+00	-6.36E-09	-1.81E-08	-1.07E-03	0.00E+00	-8.21E-01	0.00E+00	-1.35E+00	-1.09E-05	-1.35E+00	-2.09E+00	-8.21E-01	0.00E+00	0.00E+00	0.00E+00	-6.42E+01
MS120	-3.13E-03	-1.75E-01	-1.71E-03	-1.95E-01	0.00E+00	0.00E+00	-1.50E+00	-3.34E-04	-2.65E-04	-2.98E-03	0.00E+00	4.60E-20	-1.29E-09	-5.40E-08	-1.23E-02	-8.29E+00	0.00E+00	0.00E+00	-1.62E+00	1.53E-19	-1.24E+00	0.00E+00	-6.05E-09	-1.97E-08	-1.23E-03	0.00E+00	-1.10E+00	0.00E+00	-1.24E+00	-1.27E-05	-1.24E+00	-2.10E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-6.42E+01
MS232	-1.35E-02	-4.51E-01	-5.57E-03	-3.91E-01	0.00E+00	0.00E+00	-3.86E+00	-1.24E-03	-5.72E-04	-1.01E-02	0.00E+00	4.60E-20	-3.26E-09	-1.44E-07	-2.19E-02	-1.36E+01	0.00E+00	0.00E+00	-3.64E+00	1.53E-19	-3.71E+00	0.00E+00	-1.51E-08	-4.27E-08	-3.06E-03	0.00E+00	-2.11E+00	0.00E+00	-3.71E+00	-3.87E-05	-3.71E+00	-5.76E+00	-2.11E+00	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MS240	-1.54E-02	-4.50E-01	-5.72E-03	-4.01E-01	0.00E+00	0.00E+00	-4.00E+00	-1.76E-03	-7.15E-04	-1.09E-02	0.00E+00	4.60E-20	-3.33E-09	-1.71E-07	-2.24E-02	-1.34E+01	0.00E+00	0.00E+00	-3.79E+00	1.53E-19	-3.61E+00	0.00E+00	-1.30E-08	-4.17E-08	-3.64E-03	0.00E+00	-2.25E+00	0.00E+00	-3.61E+00	-5.35E-05	-3.61E+00	-5.63E+00	-2.25E+00	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
MS263	-9.14E-03	-8.16E-02	1.03E-03	-1.08E-01	0.00E+00	0.00E+00	-3.31E+00	-1.78E-03	-1.23E-04	-4.59E-03	0.00E+00	4.60E-20	-2.98E-09	-1.07E-07	-1.08E-03	-3.08E+00	0.00E+00	0.00E+00	-2.77E+00	1.53E-19	7.04E-02	0.00E+00	3.49E-09	-4.47E-08	-1.94E-03	0.00E+00	-8.43E-01	0.00E+00	7.04E-02	-3.20E-05	7.04E-02	-6.15E-01	-8.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
MS310	-1.04E-02	-3.36E-01	-6.81E-03	-3.24E-01	0.00E+00	0.00E+00	-2.51E+00	-9.20E-04	-2.24E-04	-7.42E-03	0.00E+00	4.60E-20	-2.51E-09	-1.35E-07	-1.54E-02	-8.06E+00	0.00E+00	0.00E+00	-2.95E+00	1.53E-19	-2.97E+00	0.00E+00	-1.54E-08	-3.26E-08	-2.25E-03	0.00E+00	-1.37E+00	0.00E+00	-2.97E+00	-3.06E-05	-2.97E+00	-4.28E+00	-1.37E+00	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
MS316	-1.24E-02	-3.45E-01	-7.48E-03	-3.38E-01	0.00E+00	0.00E+00	-2.70E+00	-9.98E-04	-2.70E-04	-8.51E-03	0.00E+00	4.60E-20	-2.73E-09	-1.45E-07	-1.62E-02	-8.34E+00	0.00E+00	0.00E+00	-3.14E+00	1.53E-19	-3.01E+00	0.00E+00	-1.59E-08	-3.38E-08	-2.55E-03	0.00E+00	-1.38E+00	0.00E+00	-3.01E+00	-3.24E-05	-3.01E+00	-4.39E+00	-1.38E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
MS320	-1.29E-02	-3.43E-01	-7.62E-03	-3.56E-01	0.00E+00	0.00E+00	-2.80E+00	-1.08E-03	-3.33E-04	-9.38E-03	0.00E+00	4.60E-20	-2.74E-09	-1.49E-07	-2.25E-02	-1.54E+01	0.00E+00	0.00E+00	-3.38E+00	1.53E-19	-3.12E+00	0.00E+00	-1.63E-08	-3.42E-08	-2.81E-03	0.00E+00	-1.77E+00	0.00E+00	-3.12E+00	-3.63E-05	-3.12E+00	-4.47E+00	-1.77E+00	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
MS332	-2.22E-02	-3.61E-01	-7.85E-03	-4.36E-01	0.00E+00	0.00E+00	-5.62E+00	-2.69E-03	-1.09E-03	-1.31E-02	0.00E+00	4.60E-20	-4.37E-09	-2.48E-07	-2.39E-02	-1.57E+01	0.00E+00	0.00E+00	-5.59E+00	1.53E-19	-3.18E+00	0.00E+00	-1.57E-08	-6.39E-08	-4.10E-03	0.00E+00	-2.44E+00	0.00E+00	-3.18E+00	-6.69E-05	-3.18E+00	-4.92E+00	-2.44E+00	0.00E+00	0.00E+00	0.00E+00	-2.44E+02

MS340	-2.92E-02	-3.72E-01	-8.26E-03	-4.82E-01	0.00E+00	0.00E+00	-7.02E+00	-3.55E-03	-1.41E-03	-1.82E-02	0.00E+00	4.60E-20	-5.06E-09	-3.53E-07	-2.44E-02	-1.58E+01	0.00E+00	0.00E+00	-6.71E+00	1.53E-19	-3.24E+00	0.00E+00	-1.57E-08	-7.53E-08	-5.56E-03	0.00E+00	-2.44E+00	0.00E+00	-3.24E+00	-9.26E-05	-3.24E+00	-4.98E+00	-2.44E+00	0.00E+00	0.00E+00	0.00E+00	-2.84E+02
MT106A	-1.10E-03	1.27E-02	1.21E-03	1.96E-02	0.00E+00	0.00E+00	-4.78E-02	-1.03E-04	1.27E-04	-5.30E-04	0.00E+00	4.60E-20	-7.11E-10	-1.45E-08	-1.99E-03	-4.20E-01	0.00E+00	0.00E+00	-2.90E-01	1.53E-19	5.94E-05	0.00E+00	1.50E-09	-4.86E-09	-3.69E-04	0.00E+00	-8.25E-02	0.00E+00	5.94E-05	-1.88E-06	5.94E-05	-4.57E-02	-8.25E-02	0.00E+00	0.00E+00	0.00E+00	-1.36E+01
MT110A	-6.98E-04	1.49E-02	1.22E-03	1.57E-02	0.00E+00	0.00E+00	5.14E-02	-6.38E-05	1.46E-04	-4.03E-04	0.00E+00	4.60E-20	-5.25E-10	-1.71E-09	5.42E-04	-3.34E-01	0.00E+00	0.00E+00	-2.18E-01	1.53E-19	-2.20E-02	0.00E+00	1.57E-09	-2.68E-09	-1.77E-04	0.00E+00	-4.78E-02	0.00E+00	-2.20E-02	-8.70E-07	-2.20E-02	-1.02E-01	-4.78E-02	0.00E+00	0.00E+00	0.00E+00	-1.06E+01
MT116A	-7.34E-04	1.58E-02	1.06E-03	1.76E-02	0.00E+00	0.00E+00	-5.79E-03	-5.27E-05	1.45E-04	-4.71E-04	0.00E+00	4.60E-20	-5.14E-10	-3.02E-09	6.14E-04	-3.35E-01	0.00E+00	0.00E+00	-2.78E-01	1.53E-19	-9.37E-02	0.00E+00	1.24E-09	-3.44E-09	-2.37E-04	0.00E+00	-5.19E-02	0.00E+00	-9.37E-02	-1.19E-06	-9.37E-02	-1.83E-01	-5.19E-02	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
MT120A	-8.40E-04	1.47E-02	1.03E-03	1.62E-02	0.00E+00	0.00E+00	-1.62E-02	-8.73E-05	1.45E-04	-4.74E-04	0.00E+00	4.60E-20	-5.41E-10	-3.13E-09	6.16E-04	-3.56E-01	0.00E+00	0.00E+00	-2.82E-01	1.53E-19	-1.01E-01	0.00E+00	1.44E-09	-2.80E-09	-2.03E-04	0.00E+00	-5.47E-02	0.00E+00	-1.01E-01	-1.19E-06	-1.01E-01	-1.82E-01	-5.47E-02	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
MT125A	-1.42E-03	3.47E-02	1.80E-03	3.26E-02	0.00E+00	0.00E+00	-7.97E-02	-1.93E-04	1.47E-04	-9.91E-04	0.00E+00	4.60E-20	-5.42E-10	-1.90E-08	-1.06E-03	-2.42E-01	0.00E+00	0.00E+00	-4.03E-01	1.53E-19	8.58E-02	0.00E+00	4.31E-09	-4.07E-09	-2.46E-04	0.00E+00	-3.31E-02	0.00E+00	8.58E-02	-4.18E-06	8.58E-02	7.27E-02	-3.31E-02	0.00E+00	0.00E+00	0.00E+00	-1.86E+01
MT132A	-9.71E-03	-1.84E-01	-2.17E-03	-1.72E-01	0.00E+00	0.00E+00	-2.61E+00	-9.44E-04	-3.98E-04	-5.75E-03	0.00E+00	4.60E-20	-1.79E-09	-1.15E-07	-1.52E-02	-9.85E+00	0.00E+00	0.00E+00	-2.38E+00	1.53E-19	-1.28E+00	0.00E+00	-5.57E-09	-2.61E-08	-1.76E-03	0.00E+00	-1.31E+00	0.00E+00	-1.28E+00	-2.51E-05	-1.28E+00	-2.17E+00	-1.31E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MT140A	-9.67E-03	-1.85E-01	-2.17E-03	-1.73E-01	0.00E+00	0.00E+00	-2.61E+00	-9.61E-04	-4.04E-04	-5.81E-03	0.00E+00	4.60E-20	-1.79E-09	-1.10E-07	-1.52E-02	-9.88E+00	0.00E+00	0.00E+00	-2.38E+00	1.53E-19	-1.28E+00	0.00E+00	-5.57E-09	-2.61E-08	-1.79E-03	0.00E+00	-1.31E+00	0.00E+00	-1.28E+00	-2.59E-05	-1.28E+00	-2.17E+00	-1.31E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MT150A	-7.77E-03	-1.31E-01	-6.79E-04	-8.37E-02	0.00E+00	0.00E+00	-1.35E+00	-8.07E-04	-5.77E-05	-3.34E-03	0.00E+00	4.60E-20	-1.15E-09	-7.65E-08	-3.61E-03	-1.14E+00	0.00E+00	0.00E+00	-1.15E+00	1.53E-19	-7.29E-01	0.00E+00	-9.89E-10	-1.35E-08	-1.34E-03	0.00E+00	-2.71E-01	0.00E+00	-7.29E-01	-2.15E-05	-7.29E-01	-1.14E+00	-2.71E-01	0.00E+00	0.00E+00	0.00E+00	-5.08E+01
MT163A	-9.38E-03	-8.32E-02	3.48E-04	-8.57E-02	0.00E+00	0.00E+00	-2.51E+00	-1.00E-03	3.37E-05	-5.75E-03	0.00E+00	4.60E-20	-1.62E-09	-7.35E-08	-2.71E-03	-2.86E+00	0.00E+00	0.00E+00	-2.08E+00	1.53E-19	-3.23E-01	0.00E+00	-7.10E-10	-2.29E-08	-1.25E-03	0.00E+00	-6.65E-01	0.00E+00	-3.23E-01	-2.35E-05	-3.23E-01	-1.07E+00	-6.65E-01	0.00E+00	0.00E+00	0.00E+00	-9.46E+01
MT206A	-5.76E-03	1.55E-02	3.26E-03	1.41E-02	0.00E+00	0.00E+00	-2.87E-02	-4.06E-04	1.49E-04	-2.13E-03	0.00E+00	4.60E-20	-8.89E-10	-4.68E-08	-4.96E-03	-9.71E-01	0.00E+00	0.00E+00	-4.94E-01	1.53E-19	-1.78E-02	0.00E+00	5.65E-09	-9.11E-09	-7.03E-04	0.00E+00	-1.63E-01	0.00E+00	-1.78E-02	-1.45E-05	-1.78E-02	2.43E-02	-1.63E-01	0.00E+00	0.00E+00	0.00E+00	-3.00E+01
MT210A	-5.47E-03	4.17E-02	3.66E-03	2.79E-02	0.00E+00	0.00E+00	-4.84E-02	-4.18E-04	1.23E-04	-2.14E-03	0.00E+00	4.60E-20	-8.74E-10	-4.78E-08	-3.49E-03	-1.07E+00	0.00E+00	0.00E+00	-7.09E-01	1.53E-19	-1.13E-01	0.00E+00	6.36E-09	-7.98E-09	-6.12E-04	0.00E+00	-1.74E-01	0.00E+00	-1.13E-01	-1.38E-05	-1.13E-01	-8.85E-02	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	-3.84E+01
MT216A	-5.36E-03	2.56E-02	3.24E-03	-7.45E-03	0.00E+00	0.00E+00	-1.49E-01	-5.75E-04	1.14E-04	-2.54E-03	0.00E+00	4.60E-20	-1.11E-09	-6.70E-08	-3.34E-03	-1.10E+00	0.00E+00	0.00E+00	-9.30E-01	1.53E-19	-1.30E-01	0.00E+00	5.27E-09	-1.15E-08	-9.23E-04	0.00E+00	-1.97E-01	0.00E+00	-1.30E-01	-1.83E-05	-1.30E-01	-2.02E-01	-1.97E-01	0.00E+00	0.00E+00	0.00E+00	-4.62E+01
MT220A	-3.17E-03	2.74E-02	2.88E-03	-2.66E-02	0.00E+00	0.00E+00	-3.81E-01	-5.08E-04	1.02E-04	-2.21E-03	0.00E+00	4.60E-20	-1.19E-09	-6.09E-08	-2.33E-03	-1.10E+00	0.00E+00	0.00E+00	-1.14E+00	1.53E-19	-2.50E-01	0.00E+00	5.55E-09	-1.03E-08	-8.51E-04	0.00E+00	-2.06E-01	0.00E+00	-2.50E-01	-1.74E-05	-2.50E-01	-4.59E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-5.19E+01
MT225A	-1.09E-02	-3.32E-01	-4.03E-03	-3.33E-01	0.00E+00	0.00E+00	-3.38E+00	-1.03E-03	-6.27E-04	-8.04E-03	0.00E+00	4.60E-20	-2.45E-09	-1.30E-07	-2.05E-02	-1.13E+01	0.00E+00	0.00E+00	-3.37E+00	1.53E-19	-2.45E+00	0.00E+00	-1.12E-08	-3.60E-08	-2.47E-03	0.00E+00	-1.75E+00	0.00E+00	-2.45E+00	-3.37E-05	-2.45E+00	-4.16E+00	-1.75E+00	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
MT232A	-1.43E-02	5.71E-03	2.42E-04	8.23E-03	0.00E+00	0.00E+00	-2.37E+00	-1.50E-03	-2.76E-04	-8.18E-03	0.00E+00	4.60E-20	-2.51E-09	-1.78E-07	-3.74E-03	-1.74E+00	0.00E+00	0.00E+00	-2.43E+00	1.53E-19	-2.16E-01	0.00E+00	2.11E-09	-3.39E-08	-2.51E-03	0.00E+00	-3.44E-01	0.00E+00	-2.16E-01	-4.22E-05	-2.16E-01	-4.63E-01	-3.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
MT240A	-1.47E-02	-4.45E-01	-5.07E-03	-3.89E-01	0.00E+00	0.00E+00	-4.04E+00	-1.65E-03	-7.71E-04	-1.08E-02	0.00E+00	4.60E-20	-3.19E-09	-1.67E-07	-2.15E-02	-1.28E+01	0.00E+00	0.00E+00	-3.92E+00	1.53E-19	-3.27E+00	0.00E+00	-1.33E-08	-4.03E-08	-3.59E-03	0.00E+00	-2.05E+00	0.00E+00	-3.27E+00	-4.98E-05	-3.27E+00	-5.54E+00	-2.05E+00	0.00E+00	0.00E+00	0.00E+00	-1.64E+02
MT250A	-1.00E-02	-2.32E-01	-3.59E-03	-7.85E-02	0.00E+00	0.00E+00	-1.58E+00	-1.41E-03	2.08E-04	-4.89E-03	0.00E+00	4.60E-20	-1.62E-09	-1.33E-07	-7.93E-03	-2.01E+00	0.00E+00	0.00E+00	-1.52E+00	1.53E-19	-2.01E+00	0.00E+00	-5.15E-09	-2.07E-08	-2.24E-03	0.00E+00	-5.11E-01	0.00E+00	-2.01E+00	-2.95E-05	-2.01E+00	-2.73E+00	-5.11E-01	0.00E+00	0.00E+00	0.00E+00	-7.45E+01
MT263A	-3.75E-03	-9.38E-02	9.32E-04	-1.50E-01	0.00E+00	0.00E+00	-3.69E+00	-1.77E-03	-2.31E-04	-3.73E-03	0.00E+00	4.60E-20	-2.68E-09	-6.55E-08	-4.75E-04	-3.08E+00	0.00E+00	0.00E+00	-2.97E+00	1.53E-19	-1.79E-01	0.00E+00	1.67E-09	-4.32E-08	-1.59E-03	0.00E+00	-7.98E-01	0.00E+00	-1.79E-01	-3.01E-05	-1.79E-01	-9.92E-01	-7.98E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
MT306A	-7.40E-03	6.46E-02	4.27E-03	4.56E-02	0.00E+00	0.00E+00	-4.98E-01	-7.68E-04	9.06E-05	-2.96E-03	0.00E+00	4.60E-20	-1.27E-09	-1.10E-07	-1.74E-03	-1.18E+00	0.00E+00	0.00E+00	-1.41E+00	1.53E-19	1.60E-01	0.00E+00	1.10E-08	-1.38E-08	-1.40E-03	0.00E+00	-2.32E-01	0.00E+00	1.60E-01	-2.74E-05	1.60E-01	2.16E-03	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	-6.86E+01
MT310A	-6.88E-03	6.05E-02	4.21E-03	4.15E-02	0.00E+00	0.00E+00	-1.15E-01	-6.79E-04	1.62E-04	-3.17E-03	0.00E+00	4.60E-20	-1.36E-09	-8.08E-08	-1.17E-03	-1.32E+00	0.00E+00	0.00E+00	-1.25E+00	1.53E-19	-1.43E-01	0.00E+00	1.04E-08	-1.29E-08	-1.38E-03	0.00E+00	-2.63E-01	0.00E+00	-1.43E-01	-2.18E-05	-1.43E-01	-4.48E-01	-2.63E-01	0.00E+00	0.00E+00	0.00E+00	-5.99E+01
MT316A	-8.51E-03	2.65E-02	3.32E-03	1.31E-02	0.00E+00	0.00E+00	-9.65E-01	-7.09E-04	1.55E-04	-4.00E-03	0.00E+00	4.60E-20	-1.83E-09	-9.46E-08	-5.45E-04	-1.27E+00	0.00E+00	0.00E+00	-1.95E+00	1.53E-19	-3.16E-01	0.00E+00	1.00E-08	-1.90E-08	-1.43E-03	0.00E+00	-3.04E-01	0.00E+00	-3.16E-01	-2.46E-05	-3.16E-01	-6.17E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-8.46E+01
MT320A	-1.06E-02	4.15E-02	2.36E-03	1.37E-03	0.00E+00	0.00E+00	-1.19E+00	-1.02E-03	-9.50E-05	-5.90E-03	0.00E+00	4.60E-20	-1.99E-09	-1.16E-07	1.02E-04	-1.44E+00	0.00E+00	0.00E+00	-1.97E+00	1.53E-19	-2.62E-01	0.00E+00	1.18E-08	-2.22E-08	-1.55E-03	0.00E+00	-3.14E-01	0.00E+00	-2.62E-01	-3.42E-05	-2.62E-01	-6.08E-01	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-8.57E+01
MT325A	-1.04E-02	9.61E-02	2.95E-03	1.48E-01	0.00E+00	0.00E+00	-1.02E+00	-1.01E-03	-8.85E-05	-5.29E-03	0.00E+00	4.60E-20	-1.68E-09	-1.31E-07	-1.37E-03	-1.10E+00	0.00E+00	0.00E+00	-1.64E+00	1.53E-19	4.39E-01	0.00E+00	1.53E-08	-1.65E-08	-1.40E-03	0.00E+00	-2.42E-01	0.00E+00	4.39E-01	-3.87E-05	4.39E-01	2.55E-01	-2.42E-01	0.00E+00	0.00E+00	0.00E+00	-7.72E+01
MT332A	-1.54E-02	-7.86E-03	-1.50E-03	1.02E-01	0.00E+00	0.00E+00	-3.48E+00	-1.19E-03	-9.63E-04	-4.74E-03	0.00E+00	4.60E-20	-4.82E-09	-1.73E-07	-1.89E-05	-1.28E+00	0.00E+00	0.00E+00	-3.54E+00	1.53E-19	-6.39E-01	0.00E+00	1.25E-08	-5.08E-08	-2.02E-03	0.00E+00	-4.85E-01	0.00E+00	-6.39E-01	-3.94E-05	-6.39E-01	-1.09E+00	-4.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
MT340A	-3.11E-02	-5.01E-01	-8.75E-03	-5.51E-01	0.00E+00	0.00E+00	-6.96E+00	-3.48E-03	-1.49E-03	-1.90E-02	0.00E+00	4.60E-20	-5.34E-09	-3.93E-07	-2.50E-02	-1.71E+01	0.00E+00	0.00E+00	-6.60E+00	1.53E-19	-4.62E+00	0.00E+00	-1.94E-08	-7.98E-08	-6.01E-03	0.00E+00	-2.39E+00	0.00E+00	-4.62E+00	-9.60E-05	-4.62E+00	-6.89E+00	-2.39E+00	0.00E+00	0.00E+00	0.00E+00	-2.77E+02
MT350A	-2.79E-02	-3.37E-01	-7.94E-03	-8.44E-02	0.00E+00	0.00E+00	-7.47E+00	-2.27E-03	-8.62E-04	-1.14E-02	0.00E+00	4.60E-20	-5.50E-09	-3.96E-07	-4.10E-03	-3.86E+00	0.00E+00	0.00E+00	-6.78E+00	1.53E-19	-3.47E+00	0.00E+00	-9.63E-09	-7.63E-08	-4.01E-03	0.00E+00	-9.80E-01	0.00E+00	-3.47E+00	-1.00E-04	-3.47E+00	-4.58E+00	-9.80E-01	0.00E+00	0.00E+00	0.00E+00	-2.97E+02
MT363A	-2.65E-02	-1.15E-01	2.19E-03	-1.01E-01	0.00E+00	0.00E+00	-5.25E+00	-3.24E-03	-1.15E-03	-1.49E-02	0.00E+00	4.60E-20	-4.92E-09	-3.50E-07	1.21E-03	-2.73E+00	0.00E+00	0.00E+00	-4.58E+00	1.53E-19	2.23E-01	0.00E+00	8.39E-09	-5.01E-08	-4.64E-03	0.00E+00	-5.23E-01	0.00E+00	2.23E-01	-8.65E-05	2.23E-01	7.62E-02	-5.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.99E+02
MTN106	-2.38E-04	-8.92E-02	-3.57E-04	-8.89E-02	0.00E+00	0.00E+00	-1.77E-01	-3.02E-05	9.48E-05	-8.68E-04	0.00E+00	6.72E-21	-8.11E-10	-1.09E-09	-5.44E-04	-5.15E-01	0.00E+00	0.00E+00	-4.62E-01	2.03E-20	-7.88E-01	0.00E+00	-2.91E-09	-7.16E-09	-4.19E-04	0.00E+00	-1.06E-01	0.00E+00	-7.88E-01	-1.60E-06	-7.88E-01	-8.94E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
MTN110	1.82E-04	2.53E-03	1.40E-03	1.13E-03	0.00E+00	0.00E+00	3.95E-01	-6.38E-06	1.35E-04	7.12E-05	0.00E+00	1.80E-20	-1.71E-10	1.49E-09	2.12E-03	-4.78E-01	0.00E+00	0.00E+00	1.22E-01	6.20E-20	2.80E-01	0.00E+00	2.97E-09	-3.84E-10	-1.74E-05	0.00E+00	-4.39E-02	0.00E+00	2.80E-01	-3.62E-07	2.80E-01	2.36E-01	-4.39E-02	0.00E+00	0.00E+00	0.00E+00	3.00E+00
MTN116	-9.65E-04	2.64E-03	5.16E-04	5.12E-03	0.00E+00	0.00E+00	-9.35E-02	-9.64E-05	1.45E-04	-4.52E-04	0.00E+00	4.60E-20	-6.43E-10	-2.50E-08	2.35E-04	-4.12E-01	0.00E+00	0.00E+00	-3.75E-01	1.53E-19	-7.79E-02	0.00E+00	1.17E-09	-3.84E-09	-2.37E-04	0.00E+00	-9.50E-02	0.00E+00	-7.79E-02	-2.81E-06	-7.79E-02	-2.06E-01	-9.50E-02	0.00E+00	0.00E+00	0.00E+00	-1.80E+01
MTN120	4.30E-04	4.92E-02	2.52E-03	4.67E-02	0.00E+00	0.00E+00	6.65E-01	1.35E-06	1.94E-04	5.10E-04	0.00E+00	2.67E-20	1.11E-10	2.91E-09	3.63E-03	-1.35E-01	0.00E+00	0.00E+00	5.01E-01	9.02E-20	7.93E-01	0.00E+00	5.96E-09	2.74E-09	1.54E-04	0.00E+00	4.33E-02	0.00E+00	7.93E-01	1.99E-07	7.93E-01	8.36E-01	4.33E-02	0.00E+00	0.00E+00	0.00E+00	1.82E+01
MTN125	-9.77E-04	1.35E-02	1.56E-03	8.80E-03	0.00E+00	0.00E+00	-2.77E-01	-5.45E-05	1.14E-04	-1.03E-03	0.00E+00	4.60E-20	-3.50E-10	-1.01E-09	1.85E-03	-2.58E-01	0.00E+00	0.00E+00	-2.30E-01	1.53E-19	9.99E-02	0.00E+00	3.39E-09	-2.63E-09	-2.14E-04	0.00E+00	-2.71E-02	0.00E+00	9.99E-02	-1.19E-06	9.99E-02	1.91E-02	-2.71E-02	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
MTN132	-5.76E-03	3.15E-02	1.37E-03	3.10E-02	0.00E+00	0.00E+00	-2.02E-01	-6.38E-04	3.01E-04	-2.78E-03	0.00E+00	4.60E-20	-6.34E-10	-4.98E-08	-1.91E-03	-5.17E-01	0.00E+00	0.00E+00	-3.71E-01	1.53E-19	1.67E-01	0.00E+00	2.45E-09	-1.04E-08	-7.03E-04	0.00E+00	-6.98E-02	0.00E+00	1.67E-01	-1.30E-05	1.67E-01	6.46E-02	-6.98E-02	0.00E+00	0.00E+00	0.00E+00	-2.01E+01
MTN140	-2.03E-02	-1.88E-01	-3.80E-03	-1.84E-01	0.00E+00	0.00E+00	-3.34E+00	-1.28E-03	-6.33E-04	-8.02E-03	0.00E+00	0.00E+00	-2.29E-09	-1.50E-07	-9.16E-03	-1.77E+00	0.00E+00	0.00E+00	-3.08E+00	0.00E+00	-1.92E+00	0.00E+00	-9.15E-09	-3.07E-08	-2.42E-03	0.00E+00	-4.26E-01	0.00E+00	-1.92E+00	-3.88E-05	-1.92E+00	-2.35E+00	-4.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
MTN150	-5.63E-03	2.88E-02	4.76E-04	-9.47E-03	0.00E+00	0.00E+00	-8.02E-01	-5.87E-04	1.13E-04	-1.58E-03	0.00E+00	4.60E-20	-6.99E-10	-4.76E-08	-1.29E-03	-5.42E-01	0.00E+00	0.00E+00	-7.66E-01	1.53E-19	-4.54E-01	0.00E+00	-7.30E-10	-1.21E-08	-1.18E-03	0.00E+00	-1.17E-01	0.00E+00	-4.54E-01	-1.73E-05	-4.54E-01	-5.99E-01	-1.17E-01	0.00E+00	0.00E+00	0.00E+00	-3.35E+01
MTN163	-2.37E-03	3.59E-02	5.19E-04	3.63E-03	0.00E+00	0.00E+00	-6.06E-01	-4.27E-04	5.20E-04	-9.34E-04	0.00E+00	4.60E-20	-6.43E-10	-3.26E-08	-1.29E-03	-4.50E-01	0.00E+00	0.00E+00	-7.04E-01	1.53E-19	-4.82E-01	0.00E+00	6.29E-10	-1.20E-08	-8.61E-04	0.00E+00	-1.05E-01	0.00E+00	-4.82E-01	-1.25E-05	-4.82E-01	-6.25E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.98E+01
MU102A	-5.24E-03	-1.54E-01	-2.07E-03	-1.74E-01	0.00E+00	0.00E+00	-1.73E+00	-5.71E-04	-3.12E-04	-4.26E-03	0.00E+00	4.60E-20	-1.55E-09	-6.71E-08	-6.73E-03	-5.91E+00	0.00E+00	0.00E+00	-1.73E+00	1.53E-19	-1.08E+00	0.00E+00	-5.35E-09	-2.00E-08	-1.31E-03	0.00E+00	-8.13E-01	0.00E+00	-1.08E+00	-1.64E-05	-1.08E+00	-1.79E+00	-8.13E-01	0.00E+00	0.00E+00	0.00E+00	-7.65E+01
MU104A	-5.01E-03	-1.54E-01	-2.07E-03	-1.68E-01	0.00E+00	0.00E+00	-1.67E+00	-5.47E-04	-3.08E-04	-4.14E-03	0.00E+00	4.60E-20	-1.54E-09	-6.15E-08	-6.09E-03	-5.83E+00	0.00E+00	0.00E+00	-1.70E+00	1.53E-19	-1.08E+00	0.00E+00	-4.92E-09	-2.01E-08	-1.24E-03	0.00E+00	-8.06E-01	0.00E+00	-1.08E+00	-1.57E-05	-1.08E+00	-1.77E+00	-8.06E-01	0.00E+00	0.00E+00	0.00E+00	-7.50E+01
MU106A	-1.08E-03	1.36E-02	1.44E-03	2.21E-02	0.00E+00	0.00E+00	-4.39E-02	-1.00E-04	1.32E-04	-5.27E-04	0.00E+00	4.60E-20	-6.90E-10	-1.30E-08	-2.08E-03	-4.11E-01	0.00E+00	0.00E+00	-2.89E-01	1.53E-19	1.99E-03	0.00E+00	1.32E-09	-4.76E-09	-3.87E-04	0.00E+00	-8.12E-02	0.00E+00	1.99E-03	-1.64E-06	1.99E-03	-3.61E-02	-8.12E-02	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
MU110A	-1.10E-03	2.91E-02	1.28E-03	4.48E-02	0.00E+00	0.00E+00	-9.29E-02	-7.23E-05	1.15E-04	-6.58E-04	0.00E+00	4.60E-20	-7.42E-10	-8.65E-09	-1.92E-03	-4.83E-01	0.00E+00	0.00E+00	-3.79E-01	1.53E-19	-4.79E-02	0.00E+00	9.44E-10	-5.09E-09	-4.09E-04	0.00E+00	-1.01E-01	0.00E+00	-4.79E-02	-2.20E-06	-4.79E-02	-7.06E-02	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.79E+01
MU116A	-1.27E-03	3.68E-02	1.31E-03	3.34E-02	0.00E+00	0.00E+00	-1.10E-01	-9.45E-05	1.12E-04	-8.36E-04	0.00E+00	4.60E-20	-6.95E-10	-1.08E-08	-8.85E-04	-4.69E-01	0.00E+00	0.00E+00	-4.15E-01	1.53E-19	-2.55E-02	0.00E+00	1.66E-09	-5.34E-09	-4.12E-04	0.00E+00	-1.02E-01	0.00E+00	-2.55E-02	-3.59E-06	-2.55E-02	-5.72E-02	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-1.85E+01
MU120A	-1.55E-03	4.41E-02	6.75E-04	3.75E-02	0.00E+00	0.00E+00	-1.36E-01	-1.34E-04	8.11E-05	-2.02E-03	0.00E+00	4.60E-20	-4.95E-10	-2.64E-08	-5.79E-04	-3.89E-01	0.00E+00	0.00E+00	-4.11E-01	1.53E-19	4.51E-02	0.00E+00	3.02E-09	-4.82E-09	-7.36E-04	0.00E+00	-7.51E-02	0.00E+00	4.51E-02	-5.77E-06	4.51E-02	1.36E-02	-7.51E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
MU125A	-6.16E-03	-1.82E-01	-2.17E-03	-1.88E-01	0.00E+00	0.00E+00	-2.18E+00	-6.00E-04	-3.59E-04	-5.15E-03	0.00E+00	4.60E-20	-1.65E-09	-7.77E-08	-1.50E-02	-9.51E+00	0.00E+00	0.00E+00	-2.13E+00	1.53E-19	-1.30E+00	0.00E+00	-6.05E-09	-2.31E-08	-1.59E-03	0.00E+00	-1.34E+00	0.00E+00	-1.30E+00	-1.92E-05	-1.30E+00	-2.21E+00	-1.34E+00	0.00E+00	0.00E+00	0.00E+00	-8.45E+01
MU132A	-9.63E-03	-1.83E-01	-2.17E-03	-1.59E-01	0.00E+00	0.00E+00	-2.61E+00	-9.27E-04	-3.97E-04	-5.69E-03	0.00E+00	4.60E-20	-1.77E-09	-1.15E-07	-1.52E-02	-9.85E+00	0.00E+00	0.00E+00	-2.38E+00	1.53E-19	-1.27E+00	0.00E+00	-5.51E-09	-2.59E-08	-1.75E-03	0.00E+00	-1.30E+00	0.00E+00	-1.27E+00	-2.47E-05	-1.27E+00	-2.16E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-9.95E+01
MU140A	-9.73E-03	-1.84E-01	-2.17E-03	-1.61E-01	0.00E+00	0.00E+00	-2.62E+00	-9.95E-04	-4.01E-04	-5.77E-03	0.00E+00	4.60E-20	-1.77E-09	-1.15E-07	-1.52E-02	-9.88E+00	0.00E+00	0.00E+00	-2.37E+00	1.53E-19	-1.28E+00	0.00E+00	-5.41E-09	-2.59E-08	-1.76E-03	0.00E+00	-1.30E+00	0.00E+00	-1.28E+00	-2.72E-05	-1.28E+00	-2.16E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-9.95E+01
MU150A	-8.02E-03	-5.70E-02	2.08E-03	-5.34E-02	0.00E+00	0.00E+00	-1.98E+00	-1.01E-03	2.87E-04	-5.03E-03	0.00E+00	4.60E-20	-1.54E-09	-6.28E-08	-3.23E-03	-3.09E+00	0.00E+00	0.00E+00	-1.77E+00	1.53E-19	-2.96E-01	0.00E+00	-3.84E-10	-1.94E-08	-9.80E-04	0.00E+00	-6.25E-01	0.00E+00	-2.96E-01	-1.76E-05	-2.96E-01	-8.41E-01	-6.25E-01	0.00E+00	0.00E+00	0.00E+00	-8.33E+01
MU163A	-9.38E-03	-8.24E-02	3.48E-04	-8.43E-02	0.00E+00	0.00E+00	-2.51E+00	-9.98E-04	3.37E-05	-5.74E-03	0.00E+00	4.60E-20	-1.62E-09	-7.35E-08	-2.71E-03	-2.86E+00	0.00E+00	0.00E+00	-2.08E+00	1.53E-19	-3.23E-01	0.00E+00	-3.82E-10	-2.29E-08	-1.24E-03	0.00E+00	-6.55E-01	0.00E+00	-3.23E-01	-2.35E-05	-3.23E-01	-1.06E+00	-6.55E-01	0.00E+00	0.00E+00	0.00E+00	-9.46E+01
MU202A	-6.83E-03	-4.12E-01	-4.63E-03	-2.35E-01	0.00E+00	0.00E+00	-2.98E+00	-9.49E-04	-5.08E-04	-5.52E-03	0.00E+00	4.60E-20	-2.57E-09	-8.14E-08	-9.11E-03	-6.23E+00	0.00E+00	0.00E+00	-2.89E+00	1.53E-19	-2.84E+00	0.00E+00	-1.02E-08	-3.03E-08	-2.03E-03	0.00E+00	-1.09E+00	0.00E+00	-2.84E+00	-2.14E-05	-2.84E+00	-4.47E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
MU206A	-5.24E-03	-3.16E-01	-3.83E-03	-3.05E-01	0.00E+00	0.00E+00	-2.22E+00	-6.65E-04	-4.99E-04	-5.14E-03	0.00E+00	4.60E-20	-1.81E-09	-6.38E-08	-1.11E-02	-6.29E+00	0.00E+00	0.00E+00	-2.49E+00	1.53E-19	-2.35E+00	0.00E+00	-1.09E-08	-2.87E-08	-1.79E-03	0.00E+00	-1.14E+00	0.00E+00	-2.35E+00	-1.68E-05	-2.35E+00	-3.72E+00	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
MU210A	-3.34E-03	5.32E-02	3.00E-03	6.25E-02	0.00E+00	0.00E+00	-2.37E-01	-2.18E-04	8.74E-05	-7.39E-04	0.00E+00	4.60E-20	-5.01E-10	-2.19E-08	-3.87E-03	-8.36E-01	0.00E+00	0.00E+00	-6.90E-01	1.53E-19	-1.26E-01	0.00E+00	4.97E-09	-2.92E-09	-2.48E-04	0.00E+00	-1.31E-01	0.00E+00	-1.26E-01	-5.96E-06	-1.26E-01	-1.70E-01	-1.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.25E+01
MU216A	-3.43E-03	3.43E-02	2.17E-03	4.01E-03	0.00E+00	0.00E+00	-4.23E-01	-5.49E-04	8.75E-05	-1.77E-03	0.00E+00	4.60E-20	-9.64E-10	-5.97E-08	-4.57E-03	-9.56E-01	0.00E+00	0.00E+00	-1.08E+00	1.53E-19	-2.59E-01	0.00E+00	4.34E-09	-9.47E-09	-7.43E-04	0.00E+00	-1.78E-01	0.00E+00	-2.59E-01	-1.49E-05	-2.59E-01	-4.05E-01	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-4.85E+01
MU220A	-5.35E-03	1.86E-02	2.06E-03	-9.47E-03	0.00E+00	0.00E+00	-6.25E-01	-4.73E-04	7.65E-05	-2.67E-03	0.00E+00	4.60E-20	-1.23E-09	-5.53E-08	-7.54E-04	-1.20E+00	0.00E+00	0.00E+00	-1.33E+00	1.53E-19	-3.14E-01	0.00E+00	3.43E-09	-1.25E-08	-9.53E-04	0.00E+00	-2.27E-01	0.00E+00	-3.14E-01	-1.63E-05	-3.14E-01	-4.85E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-5.77E+01
MU225A	-1.13E-02	-4.53E-01	-4.84E-03	-3.66E-01	0.00E+00	0.00E+00	-3.57E+00	-1.08E-03	-6.58E-04	-8.79E-03	0.00E+00	4.60E-20	-2.87E-09	-1.40E-07	-2.11E-02	-1.18E+01	0.00E+00	0.00E+00	-3.57E+00	1.53E-19	-3.30E+00	0.00E+00	-1.34E-08	-3.85E-08	-2.87E-03	0.00E+00	-1.91E+00	0.00E+00	-3.30E+00	-3.68E-05	-3.30E+00	-5.45E+00	-1.91E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
MU232A	-1.41E-02	1.11E-02	5.52E-04	-8.03E-03	0.00E+00	0.00E+00	-2.45E+00	-9.97E-04	-2.93E-04	-7.41E-03	0.00E+00	4.60E-20	-2.48E-09	-1.69E-07	-9.05E-04	-1.94E+00	0.00E+00	0.00E+00	-2.34E+00	1.53E-19	-2.32E-01	0.00E+00	1.58E-09	-3.20E-08	-2.28E-03	0.00E+00	-3.64E-01	0.00E+00	-2.32E-01	-3.95E-05	-2.32E-01	-5.19E-01	-3.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MU240A	-7.88E-03	4.92E-02	1.82E-03	7.43E-02	0.00E+00	0.00E+00	-1.57E+00	-6.37E-04	4.29E-04	-3.58E-03	0.00E+00	4.60E-20	-2.14E-09	-9.54E-08	-1.24E-03	-1.36E+00	0.00E+00	0.00E+00	-1.77E+00	1.53E-19	1.30E-01	0.00E+00	5.60E-09	-1.98E-08	-1.56E-03	0.00E+00	-2.91E-01	0.00E+00	1.30E-01	-3.03E-05	1.30E-01	-9.60E-02	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	-8.11E+01
MU250A	-4.63E-03	-1.13E-01	2.38E-03	-1.19E-01	0.00E+00	0.00E+00	-2.38E+00	-7.80E-04	3.47E-04	-3.84E-03	0.00E+00	4.60E-20	-1.76E-09	-3.34E-08	-2.05E-03	-3.14E+00	0.00E+00	0.00E+00	-2.30E+00	1.53E-19	-3.58E-01	0.00E+00	-1.67E-10	-2.02E-08	-1.13E-03	0.00E+00	-7.64E-01	0.00E+00	-3.58E-01	-1.83E-05	-3.58E-01	-9.62E-01	-7.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.06E+02
MU263A	-3.70E-03	-1.31E-01	1.02E-03	-1.93E-01	0.00E+00	0.00E+00	-3.62E+00	-1.73E-03	-2.28E-04	-3.57E-03	0.00E+00	4.60E-20	-2.74E-09	-6.40E-08	-7.48E-04	-3.05E+00	0.00E+00	0.00E+00	-2.89E+00	1.53E-19	-1.39E-01	0.00E+00	1.37E-09	-4.20E-08	-1.28E-03	0.00E+00	-7.75E-01	0.00E+00	-1.39E-01	-2.67E-05	-1.39E-01	-9.16E-01	-7.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
MU302A	-1.66E-02	-4.53E-01	-7.00E-03	-2.85E-01	0.00E+00	0.00E+00	-3.92E+00	-1.41E-03	-6.39E-04	-1.02E-02	0.00E+00	4.60E-20	-3.65E-09	-1.84E-07	-1.03E-02	-5.57E+00	0.00E+00	0.00E+00	-4.41E+00	1.53E-19	-4.11E+00	0.00E+00	-1.49E-08	-4.83E-08	-3.22E-03	0.00E+00	-1.12E+00	0.00E+00	-4.11E+00	-4.40E-05	-4.11E+00	-5.63E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.93E+02
MU306A	-6.51E-03	3.74E-03	3.35E-03	-1.18E-03	0.00E+00	0.00E+00	-3.91E-01	-7.76E-04	7.99E-05	-3.82E-03	0.00E+00	4.60E-20	-1.16E-09	-8.57E-08	5.41E-04	-1.31E+00	0.00E+00	0.00E+00	-1.29E+00	1.53E-19	-2.40E-01	0.00E+00	2.14E-09	-1.44E-08	-1.23E-03	0.00E+00	-2.42E-01	0.00E+00	-2.40E-01	-2.57E-05	-2.40E-01	-3.77E-01	-2.42E-01	0.00E+00	0.00E+00	0.00E+00	-5.79E+01
MU310A	-7.24E-03	5.84E-02	4.51E-03	4.31E-02	0.00E+00	0.00E+00	-4.91E-01	-7.36E-04	1.30E-04	-3.40E-03	0.00E+00	4.60E-20	-1.44E-09	-9.63E-08	-9.22E-04	-1.30E+00	0.00E+00	0.00E+00	-1.57E+00	1.53E-19	-1.47E-01	0.00E+00	1.02E-08	-1.43E-08	-1.44E-03	0.00E+00	-2.92E-01	0.00E+00	-1.47E-01	-2.46E-05	-1.47E-01	-4.40E-01	-2.92E-01	0.00E+00	0.00E+00	0.00E+00	-7.33E+01
MU316A	-4.97E-03	-2.30E-02	1.45E-03	-1.93E-02	0.00E+00	0.00E+00	-1.02E+00	-6.55E-04	1.16E-04	-5.00E-03	0.00E+00	4.60E-20	-1.63E-09	-6.12E-08	1.06E-03	-1.37E+00	0.00E+00	0.00E+00	-1.99E+00	1.53E-19	-7.82E-01	0.00E+00	9.78E-10	-1.84E-08	-1.20E-03	0.00E+00	-3.27E-01	0.00E+00	-7.82E-01	-1.83E-05	-7.82E-01	-9.61E-01	-3.27E-01	0.00E+00	0.00E+00	0.00E+00	-8.56E+01
MU320A	-9.03E-03	6.76E-04	2.09E-03	-4.15E-02	0.00E+00	0.00E+00	-1.22E+00	-1.00E-03	-1.37E-04	-6.26E-03	0.00E+00	4.60E-20	-1.90E-09	-1.13E-07	9.24E-04	-1.50E+00	0.00E+00	0.00E+00	-1.98E+00	1.53E-19	-4.93E-01	0.00E+00	5.93E-09	-2.09E-08	-1.64E-03	0.00E+00	-3.37E-01	0.00E+00	-4.93E-01	-3.19E-05	-4.93E-01	-8.18E-01	-3.37E-01	0.00E+00	0.00E+00	0.00E+00	-8.87E+01
MU325A	-1.92E-02	-4.95E-01	-7.57E-03	-5.10E-01	0.00E+00	0.00E+00	-4.45E+00	-1.98E-03	-1.05E-03	-1.38E-02	0.00E+00	4.60E-20	-4.55E-09	-2.28E-07	-2.56E-02	-1.65E+01	0.00E+00	0.00E+00	-5.00E+00	1.53E-19	-4.75E+00	0.00E+00	-2.03E-08	-5.94E-08	-4.24E-03	0.00E+00	-2.37E+00	0.00E+00	-4.75E+00	-6.37E-05	-4.75E+00	-6.95E+00	-2.37E+00	0.00E+00	0.00E+00	0.00E+00	-2.13E+02
MU332A	-1.34E-02	-1.24E-03	-1.24E-03	1.19E-01	0.00E+00	0.00E+00	-3.01E+00	-2.47E-03	-4.80E-04	-6.19E-03	0.00E+00	4.60E-20	-3.48E-09	-2.44E-07	-5.57E-04	-2.91E+00	0.00E+00	0.00E+00	-3.24E+00	1.53E-19	-6.36E-01	0.00E+00	6.70E-09	-5.79E-08	-1.79E-03	0.00E+00	-4.58E-01	0.00E+00	-6.36E-01	-6.69E-05	-6.36E-01	-1.07E+00	-4.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
MU340A	-3.17E-02	-5.01E-01	-8.75E-03	-5.51E-01	0.00E+00	0.00E+00	-6.91E+00	-3.46E-03	-1.50E-03	-2.00E-02	0.00E+00	4.60E-20	-5.48E-09	-3.95E-07	-2.51E-02	-1.71E+01	0.00E+00	0.00E+00	-6.62E+00	1.53E-19	-4.64E+00	0.00E+00	-1.94E-08	-8.01E-08	-6.00E-03	0.00E+00	-2.39E+00	0.00E+00	-4.64E+00	-9.70E-05	-4.64E+00	-6.89E+00	-2.39E+00	0.00E+00	0.00E+00	0.00E+00	-2.78E+02
MU350A	-1.04E-02	-8.84E-02	3.54E-03	-9.83E-02	0.00E+00	0.00E+00	-3.94E+00	-1.14E-03	6.44E-04	-7.17E-03	0.00E+00	4.60E-20	-4.28E-09	-1.91E-07	1.85E-03	-2.57E+00	0.00E+00	0.00E+00	-3.76E+00	1.53E-19	2.43E-01	0.00E+00	8.37E-09	-4.04E-08	-2.29E-03	0.00E+00	-4.95E-01	0.00E+00	2.43E-01	-4.87E-05	2.43E-01	9.63E-02	-4.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+02
MU363A	-2.60E-02	-1.35E-01	2.19E-03	-1.14E-01	0.00E+00	0.00E+00	-5.26E+00	-3.24E-03	-1.12E-03	-1.50E-02	0.00E+00	4.60E-20	-4.93E-09	-3.46E-07	1.04E-03	-2.73E+00	0.00E+00	0.00E+00	-4.51E+00	1.53E-19	2.33E-01	0.00E+00	7.13E-09	-4.76E-08	-4.60E-03	0.00E+00	-5.44E-01	0.00E+00	2.33E-01	-8.45E-05	2.33E-01	7.28E-02	-5.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
MU406A	-7.73E-03	4.07E-03	4.08E-03	2.37E-02	0.00E+00	0.00E+00	-8.78E-01	-9.46E-04	-9.60E-05	-5.21E-03	0.00E+00	4.60E-20	-1.91E-09	-1.03E-07	-2.65E-04	-1.72E+00	0.00E+00	0.00E+00	-1.50E+00	1.53E-19	-1.47E-01	0.00E+00	1.88E-09	-1.88E-08	-1.79E-03	0.00E+00	-2.41E-01	0.00E+00	-1.47E-01	-2.75E-05	-1.47E-01	-2.49E-01	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	-7.21E+01
MU410A	-9.23E-03	1.03E-01	4.98E-03	1.03E-01	0.00E+00	0.00E+00	-9.02E-01	-9.79E-04	4.13E-04	-4.81E-03	0.00E+00	4.60E-20	-2.59E-09	-9.84E-08	-3.26E-03	-1.34E+00	0.00E+00	0.00E+00	-1.69E+00	1.53E-19	-7.00E-02	0.00E+00	7.44E-09	-1.79E-08	-1.36E-03	0.00E+00	-2.65E-01	0.00E+00	-7.00E-02	-2.37E-05	-7.00E-02	-1.74E-01	-2.65E-01	0.00E+00	0.00E+00	0.00E+00	-7.91E+01
MU416A	-5.68E-03	5.07E-02	3.13E-03	7.83E-02	0.00E+00	0.00E+00	-3.61E-01	-8.92E-04	4.29E-04	-3.74E-03	0.00E+00	4.60E-20	-2.31E-09	-5.20E-08	2.95E-04	-1.33E+00	0.00E+00	0.00E+00	-1.06E+00	1.53E-19	1.64E-01	0.00E+00	2.76E-09	-1.39E-08	-1.18E-03	0.00E+00	-2.29E-01	0.00E+00	1.64E-01	-1.71E-05	1.64E-01	5.39E-02	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-5.46E+01
MU420A	-5.97E-03	5.15E-02	2.82E-03	1.08E-01	0.00E+00	0.00E+00	-1.81E-01	-8.89E-04	4.75E-04	-3.29E-03	0.00E+00	4.60E-20	-1.88E-09	-5.30E-08	2.72E-04	-1.46E+00	0.00E+00	0.00E+00	-8.73E-01	1.53E-19	5.21E-01	0.00E+00	8.94E-09	-1.01E-08	-1.05E-03	0.00E+00	-1.87E-01	0.00E+00	5.21E-01	-1.87E-05	5.21E-01	3.44E-01	-1.87E-01	0.00E+00	0.00E+00	0.00E+00	-4.62E+01
MU425A	-2.60E-02	-4.96E-01	-9.06E-03	-5.17E-01	0.00E+00	0.00E+00	-6.48E+00	-3.90E-03	-5.02E-04	-1.62E-02	0.00E+00	4.60E-20	-4.45E-09	-2.75E-07	-2.27E-02	-1.68E+01	0.00E+00	0.00E+00	-6.24E+00	1.53E-19	-4.84E+00	0.00E+00	-2.05E-08	-6.30E-08	-5.16E-03	0.00E+00	-2.38E+00	0.00E+00	-4.84E+00	-6.96E-05	-4.84E+00	-6.98E+00	-2.38E+00	0.00E+00	0.00E+00	0.00E+00	-2.61E+02
MU432A	-3.17E-02	-1.74E-02	-1.04E-03	8.21E-02	0.00E+00	0.00E+00	-5.12E+00	-4.41E-03	4.21E-04	-1.38E-02	0.00E+00	4.60E-20	-4.83E-09	-3.01E-07	-1.38E-03	-3.02E+00	0.00E+00	0.00E+00	-5.04E+00	1.53E-19	-1.13E+00	0.00E+00	3.12E-09	-5.40E-08	-4.69E-03	0.00E+00	-7.50E-01	0.00E+00	-1.13E+00	-8.82E-05	-1.13E+00	-2.07E+00	-7.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+02
MU440A	-2.70E-02	-5.03E-01	-9.78E-03	-5.45E-01	0.00E+00	0.00E+00	-7.14E+00	-4.85E-03	-5.61E-04	-1.72E-02	0.00E+00	4.60E-20	-5.25E-09	-3.28E-07	-2.27E-02	-1.71E+01	0.00E+00	0.00E+00	-6.75E+00	1.53E-19	-4.58E+00	0.00E+00	-1.97E-08	-7.98E-08	-5.95E-03	0.00E+00	-2.38E+00	0.00E+00	-4.58E+00	-8.27E-05	-4.58E+00	-6.89E+00	-2.38E+00	0.00E+00	0.00E+00	0.00E+00	-2.81E+02
MU450A	-4.67E-02	-1.20E-01	2.18E-03	-2.01E-01	0.00E+00	0.00E+00	-6.52E+00	-5.22E-03	-2.55E-03	-2.72E-02	0.00E+00	4.60E-20	-7.04E-09	-4.35E-07	-1.92E-03	-4.28E+00	0.00E+00	0.00E+00	-6.32E+00	1.53E-19	-7.59E-01	0.00E+00	4.49E-09	-9.46E-08	-8.11E-03	0.00E+00	-7.83E-01	0.00E+00	-7.59E-01	-1.25E-04	-7.59E-01	-1.60E+00	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.69E+02
MU463A	-6.10E-02	-3.64E-01	-1.01E-02	-2.91E-01	0.00E+00	0.00E+00	-8.45E+00	-6.00E-03	-2.68E-03	-3.35E-02	0.00E+00	4.60E-20	-8.59E-09	-6.74E-07	-1.62E-03	-6.45E+00	0.00E+00	0.00E+00	-7.85E+00	1.53E-19	-3.37E+00	0.00E+00	-7.18E-09	-1.14E-07	-9.75E-03	0.00E+00	-9.05E-01	0.00E+00	-3.37E+00	-1.69E-04	-3.37E+00	-4.37E+00	-9.05E-01	0.00E+00	0.00E+00	0.00E+00	-3.44E+02
MUN106A	-2.43E-03	2.48E-02	1.73E-03	2.31E-02	0.00E+00	0.00E+00	5.39E-02	-2.62E-04	-7.55E-05	-1.04E-03	0.00E+00	2.94E-20	-2.53E-10	-2.93E-08	3.35E-03	-3.55E-01	0.00E+00	0.00E+00	-7.97E-02	9.78E-20	5.43E-01	0.00E+00	4.57E-09	-2.63E-09	-2.98E-04	0.00E+00	-1.31E-02	0.00E+00	5.43E-01	-7.48E-06	5.43E-01	5.30E-01	-1.31E-02	0.00E+00	0.00E+00	0.00E+00	-6.93E+00
MUN110A	-2.33E-04	-8.38E-02	-4.32E-04	-8.34E-02	0.00E+00	0.00E+00	-1.83E-01	-2.81E-05	8.77E-05	-8.26E-04	0.00E+00	2.70E-21	-7.69E-10	-1.04E-09	-8.07E-04	-3.74E-01	0.00E+00	0.00E+00	-4.65E-01	1.04E-20	-7.70E-01	0.00E+00	-2.94E-09	-6.76E-09	-3.95E-04	0.00E+00	-8.63E-02	0.00E+00	-7.70E-01	-1.51E-06	-7.70E-01	-8.57E-01	-8.63E-02	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
MUN116A	-7.46E-05	1.98E-03	3.22E-05	1.95E-03	0.00E+00	0.00E+00	-1.40E-01	-2.78E-05	1.44E-04	-1.58E-04	0.00E+00	1.44E-20	-7.84E-10	-9.13E-10	9.69E-05	-1.91E-01	0.00E+00	0.00E+00	-4.72E-01	5.52E-20	-5.57E-01	0.00E+00	-6.14E-10	-5.60E-09	-2.43E-04	0.00E+00	-5.70E-02	0.00E+00	-5.57E-01	-1.53E-06	-5.57E-01	-6.14E-01	-5.70E-02	0.00E+00	0.00E+00	0.00E+00	-2.06E+01
MUN120A	-4.49E-03	-1.15E-01	-1.39E-03	-1.13E-01	0.00E+00	0.00E+00	-1.07E+00	-4.29E-04	-2.46E-04	-3.08E-03	0.00E+00	7.06E-21	-1.24E-09	-4.95E-08	-6.38E-03	-1.03E+00	0.00E+00	0.00E+00	-1.34E+00	2.39E-20	-1.05E+00	0.00E+00	-4.05E-09	-1.43E-08	-1.03E-03	0.00E+00	-2.43E-01	0.00E+00	-1.05E+00	-1.31E-05	-1.05E+00	-1.29E+00	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-5.71E+01

MUN125A	-9.82E-03	-1.62E-01	-2.61E-03	-1.59E-01	0.00E+00	0.00E+00	-1.75E+00	-6.08E-04	-3.54E-04	-4.42E-03	0.00E+00	0.00E+00	-1.69E-09	-7.05E-08	-8.06E-03	-9.92E-01	0.00E+00	0.00E+00	-1.93E+00	0.00E+00	-1.64E+00	0.00E+00	-7.39E-09	-2.01E-08	-1.46E-03	0.00E+00	-2.76E-01	0.00E+00	-1.64E+00	-1.85E-05	-1.64E+00	-1.92E+00	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-8.14E+01
MUN132A	-8.49E-03	3.02E-02	1.57E-04	4.67E-02	0.00E+00	0.00E+00	-2.07E+00	-1.11E-03	-1.02E-04	-5.02E-03	0.00E+00	4.60E-20	-1.30E-09	-1.26E-07	-1.09E-03	-1.08E+00	0.00E+00	0.00E+00	-1.83E+00	1.53E-19	-8.40E-02	0.00E+00	1.77E-09	-1.98E-08	-1.44E-03	0.00E+00	-1.95E-01	0.00E+00	-8.40E-02	-3.07E-05	-8.40E-02	-2.97E-01	-1.95E-01	0.00E+00	0.00E+00	0.00E+00	-7.81E+01
MUN140A	-5.58E-03	4.06E-02	1.29E-03	6.59E-02	0.00E+00	0.00E+00	-1.69E+00	-7.73E-04	2.39E-04	-3.52E-03	0.00E+00	4.60E-20	-1.16E-09	-9.03E-08	-1.20E-03	-9.04E-01	0.00E+00	0.00E+00	-1.58E+00	1.53E-19	-6.38E-02	0.00E+00	3.83E-09	-1.44E-08	-9.62E-04	0.00E+00	-1.67E-01	0.00E+00	-6.38E-02	-2.32E-05	-6.38E-02	-2.20E-01	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-6.75E+01
MUN206A	-5.34E-03	-4.77E-02	1.69E-03	-4.94E-02	0.00E+00	0.00E+00	-3.70E-01	-5.39E-04	-2.30E-04	-2.98E-03	0.00E+00	4.28E-20	-8.73E-10	-6.09E-08	-1.44E-02	-1.13E+00	0.00E+00	0.00E+00	-8.69E-01	1.42E-19	-3.75E-02	0.00E+00	3.76E-09	-1.17E-08	-9.39E-04	0.00E+00	-2.43E-01	0.00E+00	-3.75E-02	-1.57E-05	-3.75E-02	-2.80E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.97E+01
MUN210A	-5.19E-03	2.76E-02	-3.00E-04	2.79E-02	0.00E+00	0.00E+00	-1.23E+00	-5.35E-04	-1.95E-04	-2.52E-03	0.00E+00	3.93E-20	-1.71E-09	-6.09E-08	1.04E-03	-6.52E-01	0.00E+00	0.00E+00	-1.45E+00	1.41E-19	-8.50E-01	0.00E+00	-6.77E-11	-1.62E-08	-1.05E-03	0.00E+00	-1.49E-01	0.00E+00	-8.50E-01	-1.63E-05	-8.50E-01	-9.99E-01	-1.49E-01	0.00E+00	0.00E+00	0.00E+00	-6.41E+01
MUN216A	-4.63E-03	3.01E-02	2.83E-03	2.72E-02	0.00E+00	0.00E+00	-3.19E-02	-4.92E-04	-1.53E-04	-2.07E-03	0.00E+00	4.69E-20	-4.40E-10	-5.53E-08	-2.38E-03	-8.64E-01	0.00E+00	0.00E+00	-2.79E-01	1.59E-19	8.10E-01	0.00E+00	7.68E-09	-5.77E-09	-5.91E-04	0.00E+00	-1.05E-01	0.00E+00	8.10E-01	-1.39E-05	8.10E-01	7.05E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
MUN220A	-9.11E-03	-1.97E-01	-2.41E-03	-1.94E-01	0.00E+00	0.00E+00	-2.20E+00	-8.83E-04	-4.78E-04	-6.02E-03	0.00E+00	1.13E-20	-2.18E-09	-1.02E-07	-9.94E-03	-1.83E+00	0.00E+00	0.00E+00	-2.38E+00	3.85E-20	-1.82E+00	0.00E+00	-7.31E-09	-2.65E-08	-1.96E-03	0.00E+00	-4.13E-01	0.00E+00	-1.82E+00	-2.64E-05	-1.82E+00	-2.23E+00	-4.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MUN225A	-1.12E-02	1.02E-01	1.79E-03	1.00E-01	0.00E+00	0.00E+00	-1.76E+00	-1.16E-03	-3.78E-04	-4.97E-03	0.00E+00	7.12E-20	-1.59E-09	-1.33E-07	-1.34E-02	-1.03E+00	0.00E+00	0.00E+00	-1.89E+00	2.47E-19	3.93E-02	0.00E+00	6.83E-09	-2.02E-08	-1.59E-03	0.00E+00	-2.49E-01	0.00E+00	3.93E-02	-3.36E-05	3.93E-02	-2.09E-01	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	-8.49E+01
MUN232A	-2.15E-02	1.16E-01	3.76E-04	1.16E-01	0.00E+00	0.00E+00	-4.22E+00	-2.23E-03	-5.93E-04	-1.02E-02	0.00E+00	7.80E-20	-2.74E-09	-2.56E-07	-1.42E-02	-2.10E+00	0.00E+00	0.00E+00	-3.92E+00	2.80E-19	-2.46E-01	0.00E+00	6.36E-09	-3.63E-08	-3.01E-03	0.00E+00	-4.78E-01	0.00E+00	-2.46E-01	-6.44E-05	-2.46E-01	-7.24E-01	-4.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E+02
MUN240A	4.04E-05	3.54E-01	9.53E-03	3.45E-01	0.00E+00	0.00E+00	1.34E+00	-2.81E-04	1.57E-03	1.68E-03	0.00E+00	1.04E-19	3.85E-11	-1.50E-08	1.23E-02	2.26E-01	0.00E+00	0.00E+00	1.18E+00	3.62E-19	2.57E+00	0.00E+00	2.17E-08	6.81E-09	4.60E-04	0.00E+00	2.22E-01	0.00E+00	2.57E+00	-9.81E-06	2.57E+00	2.79E+00	2.22E-01	0.00E+00	0.00E+00	0.00E+00	4.00E+01
MUN250A	1.91E-03	-1.25E-01	4.76E-03	-1.30E-01	0.00E+00	0.00E+00	6.37E-01	-5.04E-05	1.92E-03	-1.04E-03	0.00E+00	2.86E-20	-1.20E-09	1.70E-08	-1.56E-02	-1.13E+00	0.00E+00	0.00E+00	-1.82E-01	9.97E-20	-7.30E-01	0.00E+00	1.68E-09	-9.12E-09	-4.84E-04	0.00E+00	-2.32E-01	0.00E+00	-7.30E-01	-2.76E-06	-7.30E-01	-9.62E-01	-2.32E-01	0.00E+00	0.00E+00	0.00E+00	-9.39E+00
MUN263A	3.69E-03	3.77E-01	1.22E-02	3.64E-01	0.00E+00	0.00E+00	2.46E+00	4.50E-06	2.33E-03	3.41E-03	0.00E+00	1.09E-19	4.68E-10	2.54E-08	-4.12E-03	4.06E-01	0.00E+00	0.00E+00	1.82E+00	3.84E-19	2.94E+00	0.00E+00	2.58E-08	1.27E-08	9.89E-04	0.00E+00	1.99E-01	0.00E+00	2.94E+00	5.06E-07	2.94E+00	3.13E+00	1.99E-01	0.00E+00	0.00E+00	0.00E+00	6.73E+01
MUN310A	-1.15E-03	-3.50E-01	-2.58E-03	-3.47E-01	0.00E+00	0.00E+00	-6.88E-01	-9.36E-05	2.26E-04	-3.32E-03	0.00E+00	5.85E-21	-2.75E-09	-4.28E-09	-3.10E-02	-2.03E+00	0.00E+00	0.00E+00	-2.36E+00	2.25E-20	-3.27E+00	0.00E+00	-1.21E-08	-2.67E-08	-1.48E-03	0.00E+00	-6.08E-01	0.00E+00	-3.27E+00	-5.43E-06	-3.27E+00	-3.88E+00	-6.08E-01	0.00E+00	0.00E+00	0.00E+00	-9.66E+01
MUN316A	1.31E-03	2.71E-01	7.45E-03	2.64E-01	0.00E+00	0.00E+00	1.83E+00	-1.76E-05	8.42E-04	2.28E-03	0.00E+00	1.05E-19	-4.17E-10	8.28E-09	-1.59E-02	-1.89E-01	0.00E+00	0.00E+00	3.61E-01	3.74E-19	1.61E+00	0.00E+00	1.94E-08	2.46E-09	4.36E-04	0.00E+00	-6.00E-02	0.00E+00	1.61E+00	-9.66E-07	1.61E+00	1.55E+00	-6.00E-02	0.00E+00	0.00E+00	0.00E+00	8.14E+00
MUN320A	1.53E-03	1.17E-01	8.56E-03	1.08E-01	0.00E+00	0.00E+00	2.42E+00	4.39E-06	9.23E-04	1.28E-03	0.00E+00	8.86E-20	1.94E-10	1.27E-08	-1.50E-02	-2.93E-01	0.00E+00	0.00E+00	1.02E+00	3.04E-19	2.14E+00	0.00E+00	1.93E-08	6.20E-09	4.02E-04	0.00E+00	-1.81E-02	0.00E+00	2.14E+00	1.91E-07	2.14E+00	2.13E+00	-1.81E-02	0.00E+00	0.00E+00	0.00E+00	3.53E+01
MUN325A	-1.61E-04	-2.93E-01	2.96E-04	-2.93E-01	0.00E+00	0.00E+00	-2.51E-01	-9.28E-05	8.57E-04	-2.81E-03	0.00E+00	2.07E-20	-2.45E-09	2.69E-09	-2.88E-02	-1.25E+00	0.00E+00	0.00E+00	-1.61E+00	6.91E-20	-2.67E+00	0.00E+00	-7.94E-09	-2.31E-08	-1.30E-03	0.00E+00	-4.18E-01	0.00E+00	-2.67E+00	-5.00E-06	-2.67E+00	-3.09E+00	-4.18E-01	0.00E+00	0.00E+00	0.00E+00	-6.63E+01
MUN332A	-3.22E-02	1.89E-01	6.81E-04	1.89E-01	0.00E+00	0.00E+00	-6.34E+00	-3.35E-03	-8.81E-04	-1.52E-02	0.00E+00	1.17E-19	-4.06E-09	-3.84E-07	-2.15E-02	-2.84E+00	0.00E+00	0.00E+00	-5.82E+00	4.22E-19	-3.54E-01	0.00E+00	9.64E-09	-5.41E-08	-4.49E-03	0.00E+00	-6.69E-01	0.00E+00	-3.54E-01	-9.65E-05	-3.54E-01	-1.02E+00	-6.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+02
MUN406A	-8.97E-03	4.82E-01	9.25E-03	4.73E-01	0.00E+00	0.00E+00	3.58E-01	-1.05E-03	-5.29E-05	-1.18E-03	0.00E+00	1.72E-19	-9.58E-10	-1.17E-07	1.80E-02	-2.27E-01	0.00E+00	0.00E+00	-1.38E-01	5.93E-19	3.20E+00	0.00E+00	2.88E-08	-4.77E-09	-5.14E-04	0.00E+00	1.49E-01	0.00E+00	3.20E+00	-2.98E-05	3.20E+00	3.35E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
MUN410A	-1.20E-02	-9.82E-02	-3.61E-03	-9.46E-02	0.00E+00	0.00E+00	-3.53E+00	-1.19E-03	-5.58E-04	-7.06E-03	0.00E+00	7.37E-20	-4.71E-09	-1.36E-07	-1.70E-03	-1.31E+00	0.00E+00	0.00E+00	-4.13E+00	2.52E-19	-3.60E+00	0.00E+00	-1.00E-08	-4.62E-08	-2.93E-03	0.00E+00	-4.04E-01	0.00E+00	-3.60E+00	-3.73E-05	-3.60E+00	-4.00E+00	-4.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
MUN416A	-1.33E-02	-2.70E-02	4.01E-03	-3.10E-02	0.00E+00	0.00E+00	-1.37E+00	-1.38E-03	-5.27E-04	-6.93E-03	0.00E+00	1.09E-19	-2.05E-09	-1.57E-07	9.55E-03	-1.77E+00	0.00E+00	0.00E+00	-1.51E+00	3.48E-19	6.63E-01	0.00E+00	9.95E-09	-2.41E-08	-2.15E-03	0.00E+00	-1.89E-01	0.00E+00	6.63E-01	-4.00E-05	6.63E-01	4.75E-01	-1.89E-01	0.00E+00	0.00E+00	0.00E+00	-7.51E+01
MUN420A	-1.90E-02	-5.27E-01	-7.18E-03	-5.20E-01	0.00E+00	0.00E+00	-5.26E+00	-1.82E-03	-1.08E-03	-1.35E-02	0.00E+00	2.70E-20	-5.50E-09	-2.10E-07	-7.10E-03	-3.78E+00	0.00E+00	0.00E+00	-5.47E+00	6.75E-20	-5.10E+00	0.00E+00	-2.32E-08	-6.37E-08	-4.61E-03	0.00E+00	-8.34E-01	0.00E+00	-5.10E+00	-5.56E-05	-5.10E+00	-5.93E+00	-8.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
MUN425A	-2.54E-02	-6.18E-01	-9.19E-03	-6.08E-01	0.00E+00	0.00E+00	-6.78E+00	-2.43E-03	-1.39E-03	-1.74E-02	0.00E+00	1.22E-20	-6.29E-09	-2.81E-07	-4.60E-02	-3.97E+00	0.00E+00	0.00E+00	-7.31E+00	3.26E-20	-6.28E+00	0.00E+00	-2.71E-08	-7.83E-08	-5.71E-03	0.00E+00	-1.14E+00	0.00E+00	-6.28E+00	-7.31E-05	-6.28E+00	-7.42E+00	-1.14E+00	0.00E+00	0.00E+00	0.00E+00	-3.06E+02
MUN432A	-2.75E-03	-1.54E-01	6.77E-03	-1.61E-01	0.00E+00	0.00E+00	2.32E-02	-6.35E-04	2.51E-03	-4.12E-03	0.00E+00	7.00E-20	-2.63E-09	-4.18E-08	6.64E-03	-2.22E+00	0.00E+00	0.00E+00	-1.12E+00	2.38E-19	-4.88E-01	0.00E+00	5.38E-09	-1.99E-08	-1.41E-03	0.00E+00	-3.02E-01	0.00E+00	-4.88E-01	-2.47E-05	-4.88E-01	-7.90E-01	-3.02E-01	0.00E+00	0.00E+00	0.00E+00	-5.64E+01
MUN440A	-4.36E-02	-2.03E-01	-1.75E-03	-2.01E-01	0.00E+00	0.00E+00	-8.69E+00	-4.46E-03	-1.46E-03	-2.38E-02	0.00E+00	1.03E-19	-5.54E-09	-5.13E-07	4.18E-03	-5.22E+00	0.00E+00	0.00E+00	-7.47E+00	3.41E-19	-1.14E+00	0.00E+00	4.58E-10	-7.64E-08	-6.75E-03	0.00E+00	-9.19E-01	0.00E+00	-1.14E+00	-1.29E-04	-1.14E+00	-2.06E+00	-9.19E-01	0.00E+00	0.00E+00	0.00E+00	-3.32E+02
MUN450A	3.68E-03	-2.58E-01	9.22E-03	-2.67E-01	0.00E+00	0.00E+00	1.17E+00	-1.11E-04	3.83E-03	-2.31E-03	0.00E+00	5.67E-20	-2.71E-09	3.30E-08	-3.10E-02	-1.00E+00	0.00E+00	0.00E+00	-5.76E-01	2.01E-19	-1.69E+00	0.00E+00	2.74E-09	-2.00E-08	-1.10E-03	0.00E+00	-2.94E-01	0.00E+00	-1.69E+00	-6.06E-06	-1.69E+00	-1.98E+00	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
MUN463A	-6.27E-02	1.64E-01	-2.77E-03	1.67E-01	0.00E+00	0.00E+00	-1.31E+01	-6.41E-03	-2.37E-03	-3.08E-02	0.00E+00	1.78E-19	-7.88E-09	-7.43E-07	6.19E-03	-5.38E+00	0.00E+00	0.00E+00	-1.09E+01	6.19E-19	-1.32E+00	0.00E+00	5.94E-09	-1.06E-07	-9.01E-03	0.00E+00	-1.03E+00	0.00E+00	-1.32E+00	-1.85E-04	-1.32E+00	-2.35E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-4.83E+02
MUN506A	7.55E-04	7.14E-02	5.32E-03	6.61E-02	0.00E+00	0.00E+00	1.55E+00	2.96E-06	4.10E-04	8.03E-04	0.00E+00	5.72E-20	1.97E-10	6.40E-09	-1.02E-02	-4.59E-01	0.00E+00	0.00E+00	7.24E-01	1.95E-19	1.36E+00	0.00E+00	1.21E-08	3.79E-09	2.44E-04	0.00E+00	-4.75E-02	0.00E+00	1.36E+00	2.83E-07	1.36E+00	1.31E+00	-4.75E-02	0.00E+00	0.00E+00	0.00E+00	2.57E+01
MUN510A	7.83E-04	7.88E-02	4.89E-03	7.39E-02	0.00E+00	0.00E+00	1.35E+00	2.67E-06	3.91E-04	8.54E-04	0.00E+00	5.03E-20	2.02E-10	5.91E-09	-5.95E-04	-3.65E-01	0.00E+00	0.00E+00	8.28E-01	1.72E-19	1.39E+00	0.00E+00	1.12E-08	4.43E-09	2.61E-04	0.00E+00	2.03E-02	0.00E+00	1.39E+00	3.38E-07	1.39E+00	1.41E+00	2.03E-02	0.00E+00	0.00E+00	0.00E+00	2.97E+01
MUN516A	-4.55E-03	1.48E-01	2.66E-03	1.46E-01	0.00E+00	0.00E+00	-3.38E-01	-5.05E-04	-8.59E-05	-1.26E-03	0.00E+00	6.16E-20	-7.91E-10	-5.68E-08	5.36E-03	-8.37E-01	0.00E+00	0.00E+00	-4.96E-01	2.16E-19	6.53E-01	0.00E+00	8.29E-09	-7.11E-09	-5.14E-04	0.00E+00	-8.16E-02	0.00E+00	6.53E-01	-1.46E-05	6.53E-01	5.71E-01	-8.16E-02	0.00E+00	0.00E+00	0.00E+00	-2.66E+01
MUN520A	-8.10E-03	8.29E-03	2.15E-03	6.14E-03	0.00E+00	0.00E+00	-8.80E-01	-8.39E-04	-3.04E-04	-4.00E-03	0.00E+00	4.75E-20	-8.68E-10	-9.59E-08	-3.02E-03	-1.09E+00	0.00E+00	0.00E+00	-9.37E-01	1.61E-19	5.55E-01	0.00E+00	6.40E-09	-1.21E-08	-1.14E-03	0.00E+00	-1.61E-01	0.00E+00	5.55E-01	-2.39E-05	5.55E-01	3.94E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-4.50E+01
MUN525A	1.95E-03	2.94E-01	7.99E-03	2.86E-01	0.00E+00	0.00E+00	1.75E+00	3.20E-06	1.05E-03	2.60E-03	0.00E+00	8.89E-20	3.06E-10	1.21E-08	1.11E-02	2.70E-01	0.00E+00	0.00E+00	1.37E+00	3.07E-19	2.33E+00	0.00E+00	1.89E-08	9.50E-09	7.09E-04	0.00E+00	2.09E-01	0.00E+00	2.33E+00	4.08E-07	2.33E+00	2.54E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	4.92E+01
MUN532A	-1.68E-03	-1.36E-01	2.06E-03	-1.38E-01	0.00E+00	0.00E+00	-4.24E-01	-3.33E-04	1.21E-03	-2.67E-03	0.00E+00	2.37E-20	-1.69E-09	-2.29E-08	1.20E-03	-1.07E+00	0.00E+00	0.00E+00	-9.41E-01	8.13E-20	-9.82E-01	0.00E+00	-1.47E-09	-1.44E-08	-9.70E-04	0.00E+00	-1.84E-01	0.00E+00	-9.82E-01	-1.31E-05	-9.82E-01	-1.17E+00	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-4.28E+01
MUN540A	1.94E-03	1.34E-01	4.78E-03	1.29E-01	0.00E+00	0.00E+00	5.16E-01	-4.76E-05	1.69E-03	9.40E-04	0.00E+00	5.94E-20	-1.33E-09	1.34E-08	5.02E-03	-2.81E-01	0.00E+00	0.00E+00	-2.59E-01	2.18E-19	6.92E-03	0.00E+00	7.55E-09	-4.97E-09	-3.88E-05	0.00E+00	-2.54E-02	0.00E+00	6.92E-03	-2.86E-06	6.92E-03	-1.84E-02	-2.54E-02	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
MUN606A	-9.11E-03	2.11E-01	6.46E-03	2.55E-01	0.00E+00	0.00E+00	-2.13E-01	-8.40E-04	1.55E-05	-3.18E-03	0.00E+00	4.60E-20	-1.67E-09	-9.86E-08	-8.88E-03	-1.16E+00	0.00E+00	0.00E+00	-1.06E+00	1.53E-19	7.17E-01	0.00E+00	1.07E-08	-1.59E-08	-1.24E-03	0.00E+00	-2.43E-01	0.00E+00	7.17E-01	-2.69E-05	7.17E-01	5.70E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
MUN610A	-9.38E-03	4.11E-01	9.14E-03	4.01E-01	0.00E+00	0.00E+00	3.87E-01	-1.06E-03	-1.03E-04	-1.75E-03	0.00E+00	1.64E-19	-8.07E-10	-1.19E-07	-1.93E-02	-1.23E+00	0.00E+00	0.00E+00	-4.63E-01	5.70E-19	2.66E+00	0.00E+00	2.79E-08	-8.04E-09	-6.62E-04	0.00E+00	-1.93E-01	0.00E+00	2.66E+00	-2.99E-05	2.66E+00	2.47E+00	-1.93E-01	0.00E+00	0.00E+00	0.00E+00	-3.14E+01
MUN616A	4.55E-04	9.78E-02	3.46E-03	9.44E-02	0.00E+00	0.00E+00	3.25E-01	-9.59E-05	8.91E-04	3.07E-04	0.00E+00	9.72E-20	-2.71E-09	1.60E-09	6.28E-03	-8.58E-01	0.00E+00	0.00E+00	-1.14E+00	3.42E-19	-9.57E-01	0.00E+00	5.63E-09	-1.62E-08	-6.11E-04	0.00E+00	-1.62E-01	0.00E+00	-9.57E-01	-5.32E-06	-9.57E-01	-1.12E+00	-1.62E-01	0.00E+00	0.00E+00	0.00E+00	-5.48E+01
MUN620A	-1.69E-02	-1.21E-01	2.66E-03	-1.24E-01	0.00E+00	0.00E+00	-2.25E+00	-1.72E-03	-6.33E-04	-9.41E-03	0.00E+00	9.28E-20	-2.50E-09	-1.96E-07	-2.90E-02	-2.60E+00	0.00E+00	0.00E+00	-2.81E+00	3.07E-19	-3.38E-01	0.00E+00	6.75E-09	-3.42E-08	-2.85E-03	0.00E+00	-5.63E-01	0.00E+00	-3.38E-01	-4.99E-05	-3.38E-01	-9.00E-01	-5.63E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
MUN625A	-2.31E-02	-1.95E-01	3.35E-04	-1.95E-01	0.00E+00	0.00E+00	-3.87E+00	-2.33E-03	-9.24E-04	-1.31E-02	0.00E+00	8.18E-20	-3.51E-09	-2.67E-07	-3.13E-02	-3.21E+00	0.00E+00	0.00E+00	-4.47E+00	2.78E-19	-1.18E+00	0.00E+00	2.07E-09	-4.74E-08	-3.90E-03	0.00E+00	-7.41E-01	0.00E+00	-1.18E+00	-6.78E-05	-1.18E+00	-1.92E+00	-7.41E-01	0.00E+00	0.00E+00	0.00E+00	-1.96E+02
MUN632A	-4.90E-02	2.40E-01	-9.47E-04	2.41E-01	0.00E+00	0.00E+00	-1.00E+01	-5.04E-03	-1.79E-03	-2.33E-02	0.00E+00	1.65E-19	-6.14E-09	-5.84E-07	7.41E-03	-4.15E+00	0.00E+00	0.00E+00	-8.36E+00	5.75E-19	-4.64E-01	0.00E+00	9.76E-09	-8.07E-08	-6.87E-03	0.00E+00	-7.68E-01	0.00E+00	-4.64E-01	-1.49E-04	-4.64E-01	-1.23E+00	-7.68E-01	0.00E+00	0.00E+00	0.00E+00	-3.72E+02
MUN640A	-2.84E-03	-1.74E-01	7.77E-03	-1.82E-01	0.00E+00	0.00E+00	2.12E-01	-6.34E-04	2.50E-03	-4.23E-03	0.00E+00	7.03E-20	-2.16E-09	-4.13E-08	-2.98E-02	-2.47E+00	0.00E+00	0.00E+00	-9.09E-01	2.38E-19	-7.32E-01	0.00E+00	6.05E-09	-2.07E-08	-1.43E-03	0.00E+00	-4.87E-01	0.00E+00	-7.32E-01	-2.39E-05	-7.32E-01	-1.22E+00	-4.87E-01	0.00E+00	0.00E+00	0.00E+00	-4.29E+01
MUN650A	-6.58E-02	-9.09E-01	-1.85E-02	-8.90E-01	0.00E+00	0.00E+00	-1.67E+01	-6.45E-03	-3.15E-03	-3.99E-02	0.00E+00	0.00E+00	-1.11E-08	-7.52E-07	-5.48E-02	-8.80E+00	0.00E+00	0.00E+00	-1.54E+01	0.00E+00	-9.33E+00	0.00E+00	-4.40E-08	-1.51E-07	-1.20E-02	0.00E+00	-2.17E+00	0.00E+00	-9.33E+00	-1.89E-04	-9.33E+00	-1.15E+01	-2.17E+00	0.00E+00	0.00E+00	0.00E+00	-6.52E+02
MUN663A	-1.03E-01	-9.06E-01	-1.87E-02	-8.87E-01	0.00E+00	0.00E+00	-1.69E+01	-6.52E-03	-3.19E-03	-4.03E-02	0.00E+00	0.00E+00	-1.13E-08	-7.61E-07	-5.50E-02	-8.02E+00	0.00E+00	0.00E+00	-1.56E+01	0.00E+00	-9.41E+00	0.00E+00	-4.44E-08	-1.53E-07	-1.21E-02	0.00E+00	-2.06E+00	0.00E+00	-9.41E+00	-1.91E-04	-9.41E+00	-1.15E+01	-2.06E+00	0.00E+00	0.00E+00	0.00E+00	-6.60E+02
MV106	-1.11E-03	1.19E-02	1.16E-03	1.94E-02	0.00E+00	0.00E+00	-3.92E-02	-1.04E-04	1.28E-04	-5.16E-04	0.00E+00	4.60E-20	-5.65E-10	-1.30E-08	-2.03E-03	-3.95E-01	0.00E+00	0.00E+00	-3.07E-01	1.53E-19	-1.36E-02	0.00E+00	1.55E-09	-4.30E-09	-3.59E-04	0.00E+00	-7.53E-02	0.00E+00	-1.36E-02	-1.71E-06	-1.36E-02	-6.81E-02	-7.53E-02	0.00E+00	0.00E+00	0.00E+00	-1.32E+01
MV106Z	-9.21E-04	1.27E-02	1.32E-03	2.25E-02	0.00E+00	0.00E+00	-8.62E-03	-9.25E-05	1.32E-04	-4.75E-04	0.00E+00	4.60E-20	-5.00E-10	-8.50E-09	-2.11E-03	-2.91E-01	0.00E+00	0.00E+00	-2.73E-01	1.53E-19	-1.87E-02	0.00E+00	1.42E-09	-3.89E-09	-3.58E-04	0.00E+00	-5.95E-02	0.00E+00	-1.87E-02	-1.33E-06	-1.87E-02	-6.23E-02	-5.95E-02	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
MV110Z	-9.79E-04	3.00E-02	1.16E-03	4.69E-02	0.00E+00	0.00E+00	-5.08E-02	-6.00E-05	1.13E-04	-5.23E-04	0.00E+00	4.60E-20	-5.35E-10	-4.89E-09	-2.08E-03	-3.53E-01	0.00E+00	0.00E+00	-2.86E-01	1.53E-19	-6.85E-02	0.00E+00	8.99E-10	-4.54E-09	-3.43E-04	0.00E+00	-5.73E-02	0.00E+00	-6.85E-02	-1.84E-06	-6.85E-02	-1.09E-01	-5.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
MV116	-7.37E-04	1.58E-02	1.06E-03	1.76E-02	0.00E+00	0.00E+00	-6.79E-03	-5.33E-05	1.45E-04	-4.72E-04	0.00E+00	4.60E-20	-5.17E-10	-3.09E-09	6.14E-04	-3.35E-01	0.00E+00	0.00E+00	-2.78E-01	1.53E-19	-9.60E-02	0.00E+00	1.17E-09	-3.49E-09	-2.37E-04	0.00E+00	-5.21E-02	0.00E+00	-9.60E-02	-1.27E-06	-9.60E-02	-1.85E-01	-5.21E-02	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
MV116Z	-1.16E-03	3.65E-02	1.17E-03	3.74E-02	0.00E+00	0.00E+00	-7.47E-02	-9.79E-05	1.10E-04	-6.56E-04	0.00E+00	4.60E-20	-4.86E-10	-6.80E-09	-9.06E-04	-2.98E-01	0.00E+00	0.00E+00	-3.05E-01	1.53E-19	-4.50E-02	0.00E+00	1.64E-09	-4.52E-09	-3.40E-04	0.00E+00	-5.46E-02	0.00E+00	-4.50E-02	-3.16E-06	-4.50E-02	-9.20E-02	-5.46E-02	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
MV120	-8.40E-04	1.47E-02	1.06E-03	1.62E-02	0.00E+00	0.00E+00	-1.62E-02	-8.73E-05	1.45E-04	-4.62E-04	0.00E+00	4.60E-20	-5.41E-10	-3.13E-09	6.31E-04	-3.53E-01	0.00E+00	0.00E+00	-2.82E-01	1.53E-19	-1.01E-01	0.00E+00	1.50E-09	-2.80E-09	-2.03E-04	0.00E+00	-5.43E-02	0.00E+00	-1.01E-01	-1.19E-06	-1.01E-01	-1.82E-01	-5.43E-02	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
MV120Z	-1.48E-03	4.40E-02	6.20E-04	4.03E-02	0.00E+00	0.00E+00	-1.19E-01	-1.77E-04	8.05E-05	-2.06E-03	0.00E+00	4.60E-20	-4.86E-10	-2.51E-08	-6.49E-04	-2.88E-01	0.00E+00	0.00E+00	-3.75E-01	1.53E-19	3.90E-02	0.00E+00	2.83E-09	-4.55E-09	-7.10E-04	0.00E+00	-5.76E-02	0.00E+00	3.90E-02	-5.70E-06	3.90E-02	-2.96E-03	-5.76E-02	0.00E+00	0.00E+00	0.00E+00	-1.73E+01
MV125	-1.42E-03	3.47E-02	1.81E-03	3.26E-02	0.00E+00	0.00E+00	-7.97E-02	-1.59E-04	1.49E-04	-9.72E-04	0.00E+00	4.60E-20	-5.53E-10	-1.90E-08	-1.06E-03	-2.85E-01	0.00E+00	0.00E+00	-3.99E-01	1.53E-19	8.58E-02	0.00E+00	4.31E-09	-4.04E-09	-2.46E-04	0.00E+00	-3.33E-02	0.00E+00	8.58E-02	-4.39E-06	8.58E-02	7.27E-02	-3.33E-02	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
MV125Z	-1.36E-03	3.47E-02	1.78E-03	3.32E-02	0.00E+00	0.00E+00	-7.72E-02	-1.44E-04	1.47E-04	-9.84E-04	0.00E+00	4.60E-20	-5.72E-10	-2.01E-08	-1.05E-03	-4.61E-01	0.00E+00	0.00E+00	-4.08E-01	1.53E-19	8.80E-02	0.00E+00	4.38E-09	-4.07E-09	-2.50E-04	0.00E+00	-3.73E-02	0.00E+00	8.80E-02	-4.41E-06	8.80E-02	6.14E-02	-3.73E-02	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
MV132	-8.90E-03	2.77E-02	5.14E-04	3.94E-02	0.00E+00	0.00E+00	-1.72E+00	-1.06E-03	-1.08E-04	-4.61E-03	0.00E+00	4.60E-20	-1.29E-09	-1.22E-07	-1.09E-03	-1.00E+00	0.00E+00	0.00E+00	-1.58E+00	1.53E-19	-2.03E-02	0.00E+00	2.21E-09	-1.84E-08	-1.35E-03	0.00E+00	-1.60E-01	0.00E+00	-2.03E-02	-3.24E-05	-2.03E-02	-1.89E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-6.78E+01
MV132Z	-9.77E-03	2.76E-02	2.29E-05	3.87E-02	0.00E+00	0.00E+00	-2.09E+00	-1.14E-03	-2.34E-04	-5.06E-03	0.00E+00	4.60E-20	-1.35E-09	-1.38E-07	-9.55E-04	-1.08E+00	0.00E+00	0.00E+00	-1.85E+00	1.53E-19	-7.41E-02	0.00E+00	1.74E-09	-2.03E-08	-1.45E-03	0.00E+00	-1.86E-01	0.00E+00	-7.41E-02	-3.26E-05	-7.41E-02	-2.85E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-8.13E+01
MV140	-6.21E-03	3.48E-02	1.17E-03	6.02E-02	0.00E+00	0.00E+00	-1.68E+00	-8.18E-04	8.32E-05	-3.56E-03	0.00E+00	4.60E-20	-1.16E-09	-1.07E-07	-1.17E-03	-8.87E-01	0.00E+00	0.00E+00	-1.56E+00	1.53E-19	3.36E-03	0.00E+00	4.14E-09	-1.45E-08	-9.92E-04	0.00E+00	-1.54E-01	0.00E+00	3.36E-03	-2.52E-05	3.36E-03	-1.52E-01	-1.54E-01	0.00E+00	0.00E+00	0.00E+00	-6.60E+01
MV140Z	-6.59E-03	3.61E-02	1.08E-03	6.00E-02	0.00E+00	0.00E+00	-1.73E+00	-8.08E-04	6.99E-05	-3.59E-03	0.00E+00	4.60E-20	-1.19E-09	-1.06E-07	-1.41E-03	-9.12E-01	0.00E+00	0.00E+00	-1.65E+00	1.53E-19	-5.31E-02	0.00E+00	3.70E-09	-1.49E-08	-1.06E-03	0.00E+00	-1.73E-01	0.00E+00	-5.31E-02	-2.52E-05	-5.31E-02	-2.33E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-7.16E+01
MV206	-5.64E-03	2.53E-02	3.27E-03	5.07E-03	0.00E+00	0.00E+00	-2.51E-02	-4.64E-04	1.49E-04	-2.21E-03	0.00E+00	4.60E-20	-9.22E-10	-5.11E-08	-4.26E-03	-1.02E+00	0.00E+00	0.00E+00	-5.04E-01	1.53E-19	-4.07E-03	0.00E+00	5.89E-09	-9.06E-09	-7.00E-04	0.00E+00	-1.64E-01	0.00E+00	-4.07E-03	-1.58E-05	-4.07E-03	4.54E-02	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-2.85E+01
MV220	-3.17E-03	2.51E-02	2.78E-03	-2.52E-02	0.00E+00	0.00E+00	-3.88E-01	-5.14E-04	1.03E-04	-2.22E-03	0.00E+00	4.60E-20	-1.19E-09	-6.09E-08	-2.41E-03	-1.10E+00	0.00E+00	0.00E+00	-1.15E+00	1.53E-19	-2.62E-01	0.00E+00	5.39E-09	-1.04E-08	-8.60E-04	0.00E+00	-2.06E-01	0.00E+00	-2.62E-01	-1.73E-05	-2.62E-01	-4.93E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-5.23E+01
MV225	-1.77E-03	1.65E-03	2.36E-03	-4.75E-02	0.00E+00	0.00E+00	-5.03E-01	-4.63E-04	7.25E-05	-1.88E-03	0.00E+00	4.60E-20	-1.41E-09	-5.65E-08	-5.58E-04	-9.23E-01	0.00E+00	0.00E+00	-1.10E+00	1.53E-19	-2.51E-01	0.00E+00	4.71E-09	-1.17E-08	-8.23E-04	0.00E+00	-1.63E-01	0.00E+00	-2.51E-01	-1.70E-05	-2.51E-01	-4.55E-01	-1.63E-01	0.00E+00	0.00E+00	0.00E+00	-5.18E+01
MV232	-1.28E-02	1.01E-02	6.10E-05	3.08E-02	0.00E+00	0.00E+00	-2.23E+00	-1.42E-03	-1.99E-04	-6.67E-03	0.00E+00	4.60E-20	-2.35E-09	-1.60E-07	-3.84E-03	-1.72E+00	0.00E+00	0.00E+00	-2.34E+00	1.53E-19	-2.51E-01	0.00E+00	2.56E-09	-2.97E-08	-2.25E-03	0.00E+00	-3.40E-01	0.00E+00	-2.51E-01	-4.03E-05	-2.51E-01	-4.40E-01	-3.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.05E+02
MV240	-1.16E-02	1.20E-03	1.09E-03	6.50E-02	0.00E+00	0.00E+00	-1.78E+00	-1.30E-03	3.25E-04	-4.84E-03	0.00E+00	4.60E-20	-2.15E-09	-1.31E-07	-4.43E-03	-1.58E+00	0.00E+00	0.00E+00	-2.06E+00	1.53E-19	5.17E-02	0.00E+00	5.15E-09	-1.96E-08	-1.82E-03	0.00E+00	-3.05E-01	0.00E+00	5.17E-02	-3.70E-05	5.17E-02	-1.68E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	-9.38E+01
MV332	-1.85E-02	2.71E-03	-2.22E-03	1.07E-01	0.00E+00	0.00E+00	-3.63E+00	-1.64E-03	-9.99E-04	-5.69E-03	0.00E+00	4.60E-20	-4.86E-09	-2.11E-07	-5.25E-04	-1.27E+00	0.00E+00	0.00E+00	-3.66E+00	1.53E-19	-6.04E-01	0.00E+00	1.14E-08	-5.99E-08	-2.09E-03	0.00E+00	-4.79E-01	0.00E+00	-6.04E-01	-4.30E-05	-6.04E-01	-1.03E+00	-4.79E-01	0.00E+00	0.00E+00	0.00E+00	-1.73E+02
MV340	-3.21E-02	-2.33E-01	-2.05E-03	-3.61E-01	0.00E+00	0.00E+00	-6.03E+00	-3.36E-03	-1.39E-03	-1.89E-02	0.00E+00	4.60E-20	-5.57E-09	-3.53E-07	-3.20E-03	-3.49E+00	0.00E+00	0.00E+00	-5.72E+00	1.53E-19	-1.20E+00	0.00E+00	5.06E-09	-6.86E-08	-5.60E-03	0.00E+00	-6.45E-01	0.00E+00	-1.20E+00	-9.16E-05	-1.20E+00	-1.72E+00	-6.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.53E+02
MV432	-2.29E-02	7.04E-02	1.29E-03	1.32E-01	0.00E+00	0.00E+00	-5.15E+00	-4.34E-03	3.48E-04	-1.17E-02	0.00E+00	4.60E-20	-4.90E-09	-2.64E-07	-3.95E-03	-2.26E+00	0.00E+00	0.00E+00	-4.87E+00	1.53E-19	-8.28E-01	0.00E+00	7.52E-09	-4.47E-08	-3.73E-03	0.00E+00	-6.72E-01	0.00E+00	-8.28E-01	-6.75E-05	-8.28E-01	-1.70E+00	-6.72E-01	0.00E+00	0.00E+00	0.00E+00	-2.18E+02
MV440	-1.96E-02	-1.17E-01	1.12E-03	-1.97E-01	0.00E+00	0.00E+00	-5.64E+00	-5.02E-03	-4.19E-04	-1.11E-02	0.00E+00	4.60E-20	-5.66E-09	-2.77E-07	-2.59E-03	-3.67E+00	0.00E+00	0.00E+00	-5.15E+00	1.53E-19	-4.48E-01	0.00E+00	4.24E-09	-5.49E-08	-4.49E-03	0.00E+00	-6.45E-01	0.00E+00	-4.48E-01	-7.58E-05	-4.48E-01	-1.44E+00	-6.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
MW106	-2.78E-03	-1.53E-01	-1.49E-03	-1.51E-01	0.00E+00	0.00E+00	-8.43E-01	-2.55E-04	-1.88E-04	-2.33E-03	0.00E+00	2.55E-21	-1.11E-09	-2.93E-08	-1.93E-03	-3.43E+00	0.00E+00	0.00E+00	-1.00E+00	7.11E-21	-1.17E+00	0.00E+00	-5.41E-09	-1.34E-08	-8.40E-04	0.00E+00	-5.58E-01	0.00E+00	-1.17E+00	-8.10E-06	-1.17E+00	-1.72E+00	-5.58E-01	0.00E+00	0.00E+00	0.00E+00	-4.22E+01
MW110	-2.92E-04	-1.30E-01	-5.08E-04	-1.29E-01	0.00E+00	0.00E+00	-2.06E-01	-3.01E-05	7.72E-05	-9.93E-04	0.00E+00	4.08E-21	-8.18E-10	-1.25E-09	-1.09E-03	-3.17E+00	0.00E+00	0.00E+00	-4.96E-01	1.33E-20	-8.97E-01	0.00E+00	-3.75E-09	-8.73E-09	-4.52E-04	0.00E+00	-4.95E-01	0.00E+00	-8.97E-01	-1.61E-06	-8.97E-01	-1.39E+00	-4.95E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
MW116	-6.38E-04	1.67E-02	1.05E-03	2.02E-02	0.00E+00	0.00E+00	-3.48E-03	-4.63E-05	1.49E-04	-3.87E-04	0.00E+00	4.60E-20	-5.11E-10	-1.30E-09	6.38E-04	-3.25E-01	0.00E+00	0.00E+00	-2.83E-01	1.53E-19	-1.08E-01	0.00E+00	1.14E-09	-3.38E-09	-2.20E-04	0.00E+00	-5.10E-02	0.00E+00	-1.08E-01	-1.24E-06	-1.08E-01	-1.96E-01	-5.10E-02	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
MW120	-8.02E-06	-3.27E-02	4.66E-04	-3.32E-02	0.00E+00	0.00E+00	-6.87E-02	-2.95E-05	1.55E-04	-3.65E-04	0.00E+00	1.66E-20	-7.87E-10	-6.32E-10	1.09E-03	-2.36E-02	0.00E+00	0.00E+00	-3.08E-01	6.15E-20	-2.45E-01	0.00E+00	1.49E-09	-4.76E-09	-2.74E-04	0.00E+00	-1.42E-02	0.00E+00	-2.45E-01	-1.35E-06	-2.45E-01	-2.59E-01	-1.42E-02	0.00E+00	0.00E+00	0.00E+00	-1.42E+01
MW125	3.24E-04	3.97E-02	1.60E-03	3.81E-02	0.00E+00	0.00E+00	2.06E-01	-2.50E-05	3.82E-04	1.94E-04	0.00E+00	2.73E-20	-6.30E-10	2.05E-09	-3.33E-03	2.51E-02	0.00E+00	0.00E+00	-1.82E-01	9.81E-20	-1.83E-01	0.00E+00	2.47E-09	-3.74E-09	-1.23E-04	0.00E+00	-1.71E-02	0.00E+00	-1.83E-01	-1.29E-06	-1.83E-01	-2.00E-01	-1.71E-02	0.00E+00	0.00E+00	0.00E+00	-9.12E+00
MW132	-1.24E-02	2.60E-02	-1.08E-03	2.71E-02	0.00E+00	0.00E+00	-2.75E+00	-1.27E-03	-4.79E-04	-6.20E-03	0.00E+00	3.38E-20	-1.78E-09	-1.47E-07	4.33E-04	-1.02E+00	0.00E+00	0.00E+00	-2.37E+00	1.20E-19	-5.79E-01	0.00E+00	-1.55E-10	-2.29E-08	-1.87E-03	0.00E+00	-2.16E-01	0.00E+00	-5.79E-01	-3.78E-05	-5.79E-01	-7.95E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
MW140	-1.09E-02	-4.92E-02	-3.60E-04	-4.88E-02	0.00E+00	0.00E+00	-2.15E+00	-1.12E-03	-3.66E-04	-5.94E-03	0.00E+00	2.48E-20	-1.37E-09	-1.28E-07	9.46E-04	-1.19E+00	0.00E+00	0.00E+00	-1.83E+00	8.27E-20	-2.83E-01	0.00E+00	7.70E-11	-1.90E-08	-1.69E-03	0.00E+00	-2.09E-01	0.00E+00	-2.83E-01	-3.22E-05	-2.83E-01	-4.92E-01	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-8.15E+01
MW206	-5.85E-03	1.54E-02	3.38E-03	1.80E-02	0.00E+00	0.00E+00	-9.06E-03	-4.26E-04	1.57E-04	-2.17E-03	0.00E+00	4.60E-20	-9.25E-10	-4.91E-08	-5.27E-03	-9.43E-01	0.00E+00	0.00E+00	-4.96E-01	1.53E-19	1.44E-02	0.00E+00	5.76E-09	-9.10E-09	-7.26E-04	0.00E+00	-1.66E-01	0.00E+00	1.44E-02	-1.43E-05	1.44E-02	3.45E-02	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	-2.95E+01
MW210	-5.41E-03	3.95E-02	4.03E-03	4.67E-02	0.00E+00	0.00E+00	-9.67E-03	-3.36E-04	1.20E-04	-1.95E-03	0.00E+00	4.60E-20	-8.13E-10	-3.94E-08	-3.39E-03	-9.90E-01	0.00E+00	0.00E+00	-6.70E-01	1.53E-19	-3.76E-02	0.00E+00	6.45E-09	-7.53E-09	-6.05E-04	0.00E+00	-1.60E-01	0.00E+00	-3.76E-02	-1.17E-05	-3.76E-02	-3.68E-02	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-3.65E+01
MW225	-1.77E-03	1.65E-03	2.36E-03	-4.75E-02	0.00E+00	0.00E+00	-5.03E-01	-4.63E-04	7.54E-05	-1.88E-03	0.00E+00	4.60E-20	-1.42E-09	-5.68E-08	-5.58E-04	-9.16E-01	0.00E+00	0.00E+00	-1.10E+00	1.53E-19	-2.51E-01	0.00E+00	4.86E-09	-1.17E-08	-8.23E-04	0.00E+00	-1.65E-01	0.00E+00	-2.51E-01	-1.69E-05	-2.51E-01	-4.54E-01	-1.65E-01	0.00E+00	0.00E+00	0.00E+00	-5.18E+01
MW232	-1.44E-02	8.24E-03	-6.89E-04	2.24E-02	0.00E+00	0.00E+00	-2.60E+00	-1.56E-03	-3.38E-04	-7.40E-03	0.00E+00	4.60E-20	-2.57E-09	-1.78E-07	-3.33E-03	-1.90E+00	0.00E+00	0.00E+00	-2.54E+00	1.53E-19	-2.42E-01	0.00E+00	2.13E-09	-3.13E-08	-2.48E-03	0.00E+00	-3.77E-01	0.00E+00	-2.42E-01	-4.28E-05	-2.42E-01	-5.29E-01	-3.77E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
MW240	-1.21E-02	1.89E-03	9.50E-04	6.94E-02	0.00E+00	0.00E+00	-1.78E+00	-1.41E-03	3.17E-04	-4.85E-03	0.00E+00	4.60E-20	-2.20E-09	-1.37E-07	-4.09E-03	-1.54E+00	0.00E+00	0.00E+00	-2.03E+00	1.53E-19	6.83E-02	0.00E+00	4.71E-09	-1.90E-08	-1.82E-03	0.00E+00	-3.07E-01	0.00E+00	6.83E-02	-4.09E-05	6.83E-02	-1.95E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-9.31E+01
MW306	-6.99E-03	6.54E-02	4.27E-03	5.58E-02	0.00E+00	0.00E+00	2.54E-02	-7.52E-04	1.42E-04	-2.91E-03	0.00E+00	4.60E-20	-1.24E-09	-9.53E-08	-1.83E-03	-1.16E+00	0.00E+00	0.00E+00	-1.17E+00	1.53E-19	1.81E-01	0.00E+00	1.14E-08	-1.24E-08	-1.35E-03	0.00E+00	-2.27E-01	0.00E+00	1.81E-01	-2.47E-05	1.81E-01	-3.17E-02	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-5.76E+01
MW310	-6.53E-03	5.72E-02	4.33E-03	4.08E-02	0.00E+00	0.00E+00	-4.55E-02	-6.93E-04	1.48E-04	-3.28E-03	0.00E+00	4.60E-20	-1.38E-09	-8.03E-08	-1.07E-03	-1.32E+00	0.00E+00	0.00E+00	-1.21E+00	1.53E-19	-9.36E-02	0.00E+00	1.02E-08	-1.30E-08	-1.43E-03	0.00E+00	-2.57E-01	0.00E+00	-9.36E-02	-2.17E-05	-9.36E-02	-4.07E-01	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	-5.91E+01
MW316	-8.27E-03	-6.07E-02	-2.64E-03	-5.81E-02	0.00E+00	0.00E+00	-2.45E+00	-8.22E-04	-3.75E-04	-4.75E-03	0.00E+00	4.09E-20	-3.12E-09	-9.41E-08	-1.89E-03	-1.73E+00	0.00E+00	0.00E+00	-2.86E+00	1.50E-19	-2.44E+00	0.00E+00	-7.03E-09	-3.12E-08	-1.95E-03	0.00E+00	-4.01E-01	0.00E+00	-2.44E+00	-2.56E-05	-2.44E+00	-2.84E+00	-4.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
MW320	-1.27E-02	-7.04E-02	1.71E-03	-7.21E-02	0.00E+00	0.00E+00	-1.70E+00	-1.29E-03	-5.32E-04	-6.91E-03	0.00E+00	7.41E-20	-2.05E-09	-1.47E-07	5.93E-03	-1.87E+00	0.00E+00	0.00E+00	-2.02E+00	2.40E-19	7.89E-03	0.00E+00	4.58E-09	-2.45E-08	-2.10E-03	0.00E+00	-2.76E-01	0.00E+00	7.89E-03	-3.78E-05	7.89E-03	-2.68E-01	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-9.40E+01
MW325	-1.61E-02	3.02E-01	5.00E-03	2.97E-01	0.00E+00	0.00E+00	-1.98E+00	-1.72E-03	-4.46E-04	-6.08E-03	0.00E+00	1.33E-19	-1.95E-09	-1.97E-07	1.18E-02	-1.13E+00	0.00E+00	0.00E+00	-1.99E+00	4.59E-19	1.65E+00	0.00E+00	1.80E-08	-2.12E-08	-1.87E-03	0.00E+00	-1.02E-01	0.00E+00	1.65E+00	-4.94E-05	1.65E+00	1.55E+00	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-9.81E+01

MW332	1.08E-05	5.24E-01	1.40E-02	5.10E-01	0.00E+00	0.00E+00	1.95E+00	-4.22E-04	2.35E-03	2.44E-03	0.00E+00	1.53E-19	3.83E-11	-2.27E-08	1.79E-02	3.05E-01	0.00E+00	0.00E+00	1.70E+00	5.30E-19	3.71E+00	0.00E+00	3.15E-08	9.63E-09	6.63E-04	0.00E+00	3.20E-01	0.00E+00	3.71E+00	-1.48E-05	3.71E+00	4.03E+00	3.20E-01	0.00E+00	0.00E+00	0.00E+00	5.69E+01
MW340	-3.39E-02	-3.88E-01	-6.80E-03	-3.81E-01	0.00E+00	0.00E+00	-8.15E+00	-3.40E-03	-1.31E-03	-2.02E-02	0.00E+00	3.32E-20	-5.72E-09	-3.92E-07	-5.25E-03	-3.96E+00	0.00E+00	0.00E+00	-7.31E+00	1.05E-19	-3.73E+00	0.00E+00	-1.63E-08	-7.43E-08	-6.06E-03	0.00E+00	-8.67E-01	0.00E+00	-3.73E+00	-9.97E-05	-3.73E+00	-4.60E+00	-8.67E-01	0.00E+00	0.00E+00	0.00E+00	-3.15E+02
MW350	-1.94E-02	-3.37E-01	-6.93E-03	-8.80E-02	0.00E+00	0.00E+00	-6.68E+00	-2.24E-03	2.61E-04	-8.87E-03	0.00E+00	4.60E-20	-4.07E-09	-3.17E-07	-4.47E-03	-3.36E+00	0.00E+00	0.00E+00	-5.82E+00	1.53E-19	-3.43E+00	0.00E+00	-1.24E-08	-6.31E-08	-2.88E-03	0.00E+00	-9.20E-01	0.00E+00	-3.43E+00	-7.38E-05	-3.43E+00	-4.58E+00	-9.20E-01	0.00E+00	0.00E+00	0.00E+00	-2.61E+02
MW363	-3.28E-02	-3.69E-01	-7.76E-03	-2.75E-01	0.00E+00	0.00E+00	-8.85E+00	-4.63E-03	-2.79E-04	-2.07E-02	0.00E+00	4.60E-20	-5.21E-09	-4.91E-07	-3.93E-03	-4.80E+00	0.00E+00	0.00E+00	-7.46E+00	1.53E-19	-3.60E+00	0.00E+00	-1.17E-08	-8.91E-08	-5.25E-03	0.00E+00	-1.03E+00	0.00E+00	-3.60E+00	-1.08E-04	-3.60E+00	-4.68E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-3.26E+02
MW406	-9.43E-03	1.53E-01	5.86E-03	2.04E-01	0.00E+00	0.00E+00	-1.02E+00	-1.06E-03	-2.30E-04	-5.34E-03	0.00E+00	4.60E-20	-1.94E-09	-1.31E-07	-1.92E-03	-1.68E+00	0.00E+00	0.00E+00	-1.59E+00	1.53E-19	2.02E-01	0.00E+00	9.91E-09	-1.92E-08	-1.90E-03	0.00E+00	-2.68E-01	0.00E+00	2.02E-01	-3.29E-05	2.02E-01	1.10E-01	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-7.81E+01
MW410	-9.23E-03	6.03E-02	4.81E-03	3.85E-02	0.00E+00	0.00E+00	-9.48E-01	-1.10E-03	-2.24E-04	-6.45E-03	0.00E+00	4.60E-20	-2.94E-09	-1.08E-07	-2.11E-03	-1.87E+00	0.00E+00	0.00E+00	-1.67E+00	1.53E-19	-8.80E-02	0.00E+00	7.05E-09	-2.77E-08	-2.24E-03	0.00E+00	-2.93E-01	0.00E+00	-8.80E-02	-2.83E-05	-8.80E-02	-3.54E-01	-2.93E-01	0.00E+00	0.00E+00	0.00E+00	-8.02E+01
MW416	-7.82E-03	1.16E-01	5.01E-03	1.45E-01	0.00E+00	0.00E+00	-6.96E-01	-1.11E-03	4.10E-04	-4.16E-03	0.00E+00	4.60E-20	-2.54E-09	-7.91E-08	-3.81E-03	-1.39E+00	0.00E+00	0.00E+00	-1.34E+00	1.53E-19	1.14E-01	0.00E+00	8.59E-09	-1.43E-08	-1.14E-03	0.00E+00	-2.59E-01	0.00E+00	1.14E-01	-2.61E-05	1.14E-01	-1.85E-02	-2.59E-01	0.00E+00	0.00E+00	0.00E+00	-6.59E+01
MW420	-8.99E-03	1.39E-01	4.30E-03	2.12E-01	0.00E+00	0.00E+00	-5.65E-01	-1.23E-03	3.27E-04	-3.65E-03	0.00E+00	4.60E-20	-2.11E-09	-8.06E-08	-4.21E-03	-1.49E+00	0.00E+00	0.00E+00	-1.16E+00	1.53E-19	6.57E-01	0.00E+00	1.18E-08	-1.19E-08	-1.12E-03	0.00E+00	-2.27E-01	0.00E+00	6.57E-01	-2.79E-05	6.57E-01	4.92E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-6.22E+01
MW425	-1.66E-02	1.16E-01	3.96E-03	2.14E-01	0.00E+00	0.00E+00	-2.16E+00	-2.29E-03	-1.27E-05	-8.08E-03	0.00E+00	4.60E-20	-2.23E-09	-1.96E-07	-5.66E-03	-2.04E+00	0.00E+00	0.00E+00	-2.53E+00	1.53E-19	2.81E-01	0.00E+00	1.33E-08	-3.48E-08	-2.54E-03	0.00E+00	-3.04E-01	0.00E+00	2.81E-01	-5.61E-05	2.81E-01	-4.36E-03	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
MW432	-2.73E-02	3.36E-02	1.36E-03	1.13E-01	0.00E+00	0.00E+00	-5.45E+00	-4.40E-03	2.01E-04	-1.23E-02	0.00E+00	4.60E-20	-4.89E-09	-2.76E-07	-4.03E-03	-2.34E+00	0.00E+00	0.00E+00	-5.13E+00	1.53E-19	-8.59E-01	0.00E+00	6.99E-09	-4.40E-08	-3.72E-03	0.00E+00	-6.86E-01	0.00E+00	-8.59E-01	-7.64E-05	-8.59E-01	-1.72E+00	-6.86E-01	0.00E+00	0.00E+00	0.00E+00	-2.27E+02
MW440	-1.78E-02	-1.32E-01	1.32E-03	-1.77E-01	0.00E+00	0.00E+00	-5.64E+00	-5.02E-03	-5.28E-04	-1.08E-02	0.00E+00	4.60E-20	-5.68E-09	-2.57E-07	-2.55E-03	-3.70E+00	0.00E+00	0.00E+00	-5.13E+00	1.53E-19	-4.53E-01	0.00E+00	3.79E-09	-5.46E-08	-4.41E-03	0.00E+00	-6.44E-01	0.00E+00	-4.53E-01	-7.39E-05	-4.53E-01	-1.45E+00	-6.44E-01	0.00E+00	0.00E+00	0.00E+00	-2.32E+02
MWN102A	-5.13E-03	-7.49E-02	3.82E-04	-2.48E-02	0.00E+00	0.00E+00	-4.04E-01	-4.46E-04	1.40E-04	-2.20E-03	0.00E+00	4.60E-20	-8.24E-10	-4.64E-08	-2.14E-03	-8.07E-01	0.00E+00	0.00E+00	-5.87E-01	1.53E-19	-2.14E-01	0.00E+00	3.21E-10	-9.36E-09	-8.43E-04	0.00E+00	-1.41E-01	0.00E+00	-2.14E-01	-1.40E-05	-2.14E-01	-4.10E-01	-1.41E-01	0.00E+00	0.00E+00	0.00E+00	-2.97E+01
MWN104A	-2.40E-03	2.61E-02	8.59E-04	1.81E-02	0.00E+00	0.00E+00	-3.06E-01	-2.33E-04	1.83E-04	-1.22E-03	0.00E+00	4.60E-20	-7.10E-10	-2.77E-08	-1.42E-04	-6.76E-01	0.00E+00	0.00E+00	-4.41E-01	1.53E-19	-2.06E-01	0.00E+00	2.22E-09	-5.70E-09	-4.94E-04	0.00E+00	-9.75E-02	0.00E+00	-2.06E-01	-7.12E-06	-2.06E-01	-3.47E-01	-9.75E-02	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
MWN106	-5.25E-04	1.32E-02	1.06E-03	2.05E-02	0.00E+00	0.00E+00	4.29E-02	-7.26E-05	1.52E-04	-2.60E-04	0.00E+00	4.60E-20	-5.58E-10	-6.55E-10	1.59E-04	-3.39E-01	0.00E+00	0.00E+00	-2.67E-01	1.53E-19	-5.01E-02	0.00E+00	9.08E-10	-3.68E-09	-2.28E-04	0.00E+00	-5.40E-02	0.00E+00	-5.01E-02	-1.27E-06	-5.01E-02	-1.39E-01	-5.40E-02	0.00E+00	0.00E+00	0.00E+00	-1.22E+01
MWN106A	-1.02E-03	2.22E-02	1.33E-03	1.59E-02	0.00E+00	0.00E+00	4.80E-02	-1.41E-04	1.45E-04	-4.39E-04	0.00E+00	4.60E-20	-5.18E-10	-1.12E-08	-1.40E-03	-2.73E-01	0.00E+00	0.00E+00	-2.23E-01	1.53E-19	7.65E-02	0.00E+00	1.92E-09	-4.35E-09	-2.40E-04	0.00E+00	-5.38E-02	0.00E+00	7.65E-02	-2.94E-06	7.65E-02	1.47E-02	-5.38E-02	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
MWN110	-1.83E-04	-7.92E-02	2.25E-05	-7.92E-02	0.00E+00	0.00E+00	1.40E-02	-2.40E-05	1.08E-04	-7.31E-04	0.00E+00	8.72E-21	-7.09E-10	-3.22E-10	-5.15E-03	-7.00E-01	0.00E+00	0.00E+00	-4.66E-01	3.03E-20	-6.25E-01	0.00E+00	-1.61E-09	-6.22E-09	-3.46E-04	0.00E+00	-1.55E-01	0.00E+00	-6.25E-01	-1.39E-06	-6.25E-01	-7.80E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+01
MWN110A	-1.06E-03	1.61E-02	1.13E-03	6.35E-03	0.00E+00	0.00E+00	1.73E-02	-9.40E-05	1.40E-04	-4.29E-04	0.00E+00	4.60E-20	-6.09E-10	-7.40E-09	-1.94E-04	-4.41E-01	0.00E+00	0.00E+00	-2.37E-01	1.53E-19	8.09E-02	0.00E+00	2.46E-09	-3.97E-09	-2.92E-04	0.00E+00	-7.43E-02	0.00E+00	8.09E-02	-2.35E-06	8.09E-02	-1.23E-02	-7.43E-02	0.00E+00	0.00E+00	0.00E+00	-9.63E+00
MWN116	-4.11E-03	1.16E-02	1.23E-03	2.09E-02	0.00E+00	0.00E+00	2.41E-02	-2.94E-04	1.25E-04	-1.50E-03	0.00E+00	4.60E-20	-8.22E-10	-2.64E-08	-1.36E-03	-7.28E-01	0.00E+00	0.00E+00	-3.48E-01	1.53E-19	3.18E-02	0.00E+00	2.05E-09	-8.60E-09	-4.70E-04	0.00E+00	-9.77E-02	0.00E+00	3.18E-02	-6.62E-06	3.18E-02	7.59E-02	-9.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.99E+01
MWN116A	-8.26E-04	1.69E-02	7.18E-04	5.87E-03	0.00E+00	0.00E+00	1.38E-02	-5.19E-05	1.36E-04	-3.96E-04	0.00E+00	4.60E-20	-5.86E-10	-5.37E-09	-7.37E-04	-3.89E-01	0.00E+00	0.00E+00	-2.27E-01	1.53E-19	6.39E-02	0.00E+00	3.08E-09	-2.84E-09	-1.83E-04	0.00E+00	-5.79E-02	0.00E+00	6.39E-02	-1.86E-06	6.39E-02	-3.93E-03	-5.79E-02	0.00E+00	0.00E+00	0.00E+00	-1.02E+01
MWN120	-2.48E-03	2.39E-02	6.74E-04	3.10E-03	0.00E+00	0.00E+00	-6.84E-02	-3.13E-04	9.33E-05	-2.06E-03	0.00E+00	4.60E-20	-8.84E-10	-2.88E-08	-1.24E-03	-7.33E-01	0.00E+00	0.00E+00	-4.06E-01	1.53E-19	1.05E-01	0.00E+00	2.99E-09	-6.73E-09	-6.84E-04	0.00E+00	-1.05E-01	0.00E+00	1.05E-01	-8.57E-06	1.05E-01	1.12E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.05E+01
MWN120A	-2.41E-03	2.24E-02	9.93E-04	-7.72E-03	0.00E+00	0.00E+00	-1.12E-02	-1.29E-04	1.39E-04	-1.32E-03	0.00E+00	4.60E-20	-7.44E-10	-2.62E-08	5.36E-04	-4.49E-01	0.00E+00	0.00E+00	-2.31E-01	1.53E-19	5.05E-02	0.00E+00	3.75E-09	-5.86E-09	-5.27E-04	0.00E+00	-5.74E-02	0.00E+00	5.05E-02	-8.85E-06	5.05E-02	-4.27E-02	-5.74E-02	0.00E+00	0.00E+00	0.00E+00	-1.08E+01
MWN125	-5.57E-03	5.44E-02	9.73E-04	5.34E-02	0.00E+00	0.00E+00	-8.80E-01	-5.82E-04	-1.86E-04	-2.46E-03	0.00E+00	3.65E-20	-8.16E-10	-6.66E-08	-2.75E-03	-4.61E-01	0.00E+00	0.00E+00	-8.78E-01	1.26E-19	9.20E-02	0.00E+00	3.66E-09	-9.83E-09	-7.90E-04	0.00E+00	-9.14E-02	0.00E+00	9.20E-02	-1.68E-05	9.20E-02	6.01E-04	-9.14E-02	0.00E+00	0.00E+00	0.00E+00	-4.01E+01
MWN125A	-9.41E-04	1.32E-02	1.36E-03	1.49E-02	0.00E+00	0.00E+00	-3.01E-01	-3.22E-05	1.14E-04	-1.03E-03	0.00E+00	4.60E-20	-3.70E-10	-6.68E-10	2.06E-03	-2.68E-01	0.00E+00	0.00E+00	-2.26E-01	1.53E-19	8.80E-02	0.00E+00	3.21E-09	-2.54E-09	-2.12E-04	0.00E+00	-2.68E-02	0.00E+00	8.80E-02	-7.70E-07	8.80E-02	-4.20E-03	-2.68E-02	0.00E+00	0.00E+00	0.00E+00	-1.26E+01
MWN132	-1.07E-02	6.95E-02	3.94E-04	6.91E-02	0.00E+00	0.00E+00	-2.09E+00	-1.12E-03	-2.86E-04	-4.99E-03	0.00E+00	4.16E-20	-1.36E-09	-1.28E-07	2.28E-03	-1.18E+00	0.00E+00	0.00E+00	-1.79E+00	1.47E-19	3.71E-02	0.00E+00	3.46E-09	-1.74E-08	-1.47E-03	0.00E+00	-1.99E-01	0.00E+00	3.71E-02	-3.22E-05	3.71E-02	-1.61E-01	-1.99E-01	0.00E+00	0.00E+00	0.00E+00	-8.05E+01
MWN132A	-6.26E-03	3.01E-02	1.33E-03	2.87E-02	0.00E+00	0.00E+00	-5.23E-01	-6.31E-04	2.45E-04	-2.92E-03	0.00E+00	4.60E-20	-8.46E-10	-5.84E-08	-1.65E-03	-1.03E+00	0.00E+00	0.00E+00	-6.75E-01	1.53E-19	1.25E-01	0.00E+00	2.34E-09	-1.11E-08	-8.43E-04	0.00E+00	-1.14E-01	0.00E+00	1.25E-01	-1.57E-05	1.25E-01	-4.76E-03	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-3.11E+01
MWN140	-5.58E-03	4.01E-02	1.36E-03	6.59E-02	0.00E+00	0.00E+00	-1.68E+00	-7.91E-04	2.48E-04	-3.44E-03	0.00E+00	4.60E-20	-1.15E-09	-9.13E-08	-1.01E-03	-8.73E-01	0.00E+00	0.00E+00	-1.56E+00	1.53E-19	-4.56E-02	0.00E+00	4.02E-09	-1.41E-08	-8.85E-04	0.00E+00	-1.43E-01	0.00E+00	-4.56E-02	-2.32E-05	-4.56E-02	-1.92E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-6.68E+01
MWN150	-5.78E-03	-1.05E-01	3.99E-04	-4.45E-04	0.00E+00	0.00E+00	-1.22E+00	-8.22E-04	-1.30E-05	-2.48E-03	0.00E+00	4.60E-20	-1.13E-09	-7.83E-08	-3.40E-03	-1.15E+00	0.00E+00	0.00E+00	-1.13E+00	1.53E-19	-5.84E-01	0.00E+00	-2.86E-11	-1.31E-08	-1.40E-03	0.00E+00	-2.35E-01	0.00E+00	-5.84E-01	-2.01E-05	-5.84E-01	-1.06E+00	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-4.90E+01
MWN202A	-8.84E-03	-5.88E-02	8.08E-04	-6.15E-02	0.00E+00	0.00E+00	-9.19E-01	-7.91E-04	1.01E-04	-3.73E-03	0.00E+00	4.60E-20	-1.88E-09	-8.90E-08	-1.13E-02	-1.66E+00	0.00E+00	0.00E+00	-1.47E+00	1.53E-19	-4.06E-01	0.00E+00	5.02E-10	-1.54E-08	-1.90E-03	0.00E+00	-3.42E-01	0.00E+00	-4.06E-01	-3.00E-05	-4.06E-01	-6.81E-01	-3.42E-01	0.00E+00	0.00E+00	0.00E+00	-6.49E+01
MWN204A	-8.25E-03	2.46E-02	1.27E-03	9.86E-03	0.00E+00	0.00E+00	-8.74E-01	-7.95E-04	1.87E-04	-3.77E-03	0.00E+00	4.60E-20	-1.93E-09	-9.65E-08	-1.22E-02	-1.66E+00	0.00E+00	0.00E+00	-1.54E+00	1.53E-19	-3.85E-01	0.00E+00	2.41E-09	-1.84E-08	-1.67E-03	0.00E+00	-3.49E-01	0.00E+00	-3.85E-01	-2.83E-05	-3.85E-01	-6.29E-01	-3.49E-01	0.00E+00	0.00E+00	0.00E+00	-7.13E+01
MWN206	-5.27E-03	3.84E-02	3.76E-03	3.03E-02	0.00E+00	0.00E+00	2.18E-01	-4.45E-04	1.97E-04	-1.71E-03	0.00E+00	4.60E-20	-7.62E-10	-4.80E-08	-7.92E-03	-7.45E-01	0.00E+00	0.00E+00	-3.53E-01	1.53E-19	2.70E-01	0.00E+00	7.21E-09	-7.20E-09	-5.77E-04	0.00E+00	-1.47E-01	0.00E+00	2.70E-01	-1.36E-05	2.70E-01	2.40E-01	-1.47E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
MWN206A	-2.33E-03	3.77E-02	2.17E-03	1.16E-02	0.00E+00	0.00E+00	-6.82E-02	-2.61E-04	1.72E-04	-8.55E-04	0.00E+00	4.60E-20	-7.58E-10	-3.29E-08	-1.25E-03	-6.89E-01	0.00E+00	0.00E+00	-4.56E-01	1.53E-19	1.08E-01	0.00E+00	4.73E-09	-6.48E-09	-5.16E-04	0.00E+00	-1.10E-01	0.00E+00	1.08E-01	-1.11E-05	1.08E-01	-3.05E-02	-1.10E-01	0.00E+00	0.00E+00	0.00E+00	-2.42E+01
MWN210	8.23E-04	8.41E-02	5.69E-03	7.84E-02	0.00E+00	0.00E+00	1.60E+00	3.23E-06	4.21E-04	9.17E-04	0.00E+00	6.28E-20	2.71E-10	6.59E-09	-9.75E-03	-2.90E-01	0.00E+00	0.00E+00	8.84E-01	2.10E-19	1.52E+00	0.00E+00	1.31E-08	4.61E-09	2.80E-04	0.00E+00	-7.23E-03	0.00E+00	1.52E+00	4.26E-07	1.52E+00	1.51E+00	-7.23E-03	0.00E+00	0.00E+00	0.00E+00	3.24E+01
MWN210A	-2.35E-03	2.57E-02	2.10E-03	1.16E-02	0.00E+00	0.00E+00	-8.13E-02	-2.51E-04	1.71E-04	-9.39E-04	0.00E+00	4.60E-20	-7.63E-10	-3.48E-08	-1.20E-03	-6.93E-01	0.00E+00	0.00E+00	-4.80E-01	1.53E-19	-9.13E-03	0.00E+00	4.39E-09	-6.78E-09	-4.91E-04	0.00E+00	-1.14E-01	0.00E+00	-9.13E-03	-1.08E-05	-9.13E-03	-1.47E-01	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.39E+01
MWN216	-2.95E-03	3.89E-02	3.46E-03	2.62E-02	0.00E+00	0.00E+00	-1.47E-01	-3.66E-04	1.75E-04	-1.66E-03	0.00E+00	4.60E-20	-1.02E-09	-6.15E-08	-3.17E-03	-7.80E-01	0.00E+00	0.00E+00	-5.28E-01	1.53E-19	2.09E-01	0.00E+00	6.39E-09	-8.55E-09	-7.03E-04	0.00E+00	-1.05E-01	0.00E+00	2.09E-01	-1.76E-05	2.09E-01	6.05E-02	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-2.94E+01
MWN216A	-2.43E-03	4.74E-02	2.53E-03	3.51E-02	0.00E+00	0.00E+00	-4.81E-02	-3.19E-04	1.83E-04	-9.75E-04	0.00E+00	4.60E-20	-8.32E-10	-4.27E-08	-2.18E-03	-6.80E-01	0.00E+00	0.00E+00	-4.41E-01	1.53E-19	1.64E-01	0.00E+00	6.01E-09	-7.31E-09	-5.98E-04	0.00E+00	-1.09E-01	0.00E+00	1.64E-01	-1.32E-05	1.64E-01	-8.32E-03	-1.09E-01	0.00E+00	0.00E+00	0.00E+00	-2.35E+01
MWN220	1.18E-04	-1.11E-01	1.51E-03	-1.12E-01	0.00E+00	0.00E+00	2.02E-01	-4.72E-05	4.53E-04	-1.05E-03	0.00E+00	3.18E-20	-1.21E-09	2.02E-09	1.86E-03	-9.10E-01	0.00E+00	0.00E+00	-3.39E-01	9.83E-20	-7.45E-01	0.00E+00	-8.95E-10	-9.48E-09	-5.58E-04	0.00E+00	-1.35E-01	0.00E+00	-7.45E-01	-2.46E-06	-7.45E-01	-8.80E-01	-1.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+01
MWN220A	-2.90E-03	2.90E-02	2.14E-03	6.18E-03	0.00E+00	0.00E+00	-8.81E-02	-4.04E-04	1.78E-04	-1.61E-03	0.00E+00	4.60E-20	-9.28E-10	-5.61E-08	-2.90E-03	-8.01E-01	0.00E+00	0.00E+00	-5.81E-01	1.53E-19	-2.01E-02	0.00E+00	5.49E-09	-9.21E-09	-7.40E-04	0.00E+00	-1.50E-01	0.00E+00	-2.01E-02	-1.62E-05	-2.01E-02	-1.26E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+01
MWN225	-2.02E-04	-2.13E-01	-4.29E-04	-2.12E-01	0.00E+00	0.00E+00	-2.50E-01	-6.30E-05	5.57E-04	-2.05E-03	0.00E+00	8.42E-21	-1.82E-09	1.40E-09	-1.95E-02	-8.27E-01	0.00E+00	0.00E+00	-1.38E+00	3.24E-20	-1.95E+00	0.00E+00	-6.18E-09	-1.65E-08	-9.22E-04	0.00E+00	-3.06E-01	0.00E+00	-1.95E+00	-3.66E-06	-1.95E+00	-2.26E+00	-3.06E-01	0.00E+00	0.00E+00	0.00E+00	-5.71E+01
MWN225A	-2.23E-03	-2.85E-02	3.12E-03	-6.97E-02	0.00E+00	0.00E+00	-6.82E-01	-4.73E-04	1.40E-04	-1.88E-03	0.00E+00	4.60E-20	-1.39E-09	-4.91E-08	-9.10E-03	-9.09E-01	0.00E+00	0.00E+00	-1.27E+00	1.53E-19	-3.06E-01	0.00E+00	4.65E-09	-1.42E-08	-9.55E-04	0.00E+00	-2.27E-01	0.00E+00	-3.06E-01	-1.60E-05	-3.06E-01	-6.00E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-5.38E+01
MWN232	-2.50E-02	1.71E-02	-2.54E-03	1.97E-02	0.00E+00	0.00E+00	-5.50E+00	-2.53E-03	-9.79E-04	-1.26E-02	0.00E+00	6.28E-20	-3.55E-09	-2.94E-07	-1.78E-02	-2.52E+00	0.00E+00	0.00E+00	-5.07E+00	2.28E-19	-1.44E+00	0.00E+00	-7.80E-10	-4.74E-08	-3.80E-03	0.00E+00	-6.21E-01	0.00E+00	-1.44E+00	-7.55E-05	-1.44E+00	-2.06E+00	-6.21E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+02
MWN232A	-1.17E-02	2.94E-02	2.17E-03	7.72E-02	0.00E+00	0.00E+00	-6.65E-01	-6.80E-04	3.47E-04	-4.19E-03	0.00E+00	4.60E-20	-2.09E-09	-1.16E-07	-6.57E-03	-1.62E+00	0.00E+00	0.00E+00	-1.37E+00	1.53E-19	2.37E-01	0.00E+00	4.39E-09	-2.07E-08	-1.80E-03	0.00E+00	-2.86E-01	0.00E+00	2.37E-01	-3.77E-05	2.37E-01	6.71E-02	-2.86E-01	0.00E+00	0.00E+00	0.00E+00	-6.25E+01
MWN240	-2.25E-02	-7.82E-02	-4.45E-03	-7.38E-02	0.00E+00	0.00E+00	-5.73E+00	-2.28E-03	-7.65E-04	-1.22E-02	0.00E+00	4.49E-20	-4.23E-09	-2.63E-07	-2.88E-03	-2.28E+00	0.00E+00	0.00E+00	-5.25E+00	1.62E-19	-2.57E+00	0.00E+00	-8.04E-09	-5.07E-08	-3.87E-03	0.00E+00	-5.53E-01	0.00E+00	-2.57E+00	-6.73E-05	-2.57E+00	-3.12E+00	-5.53E-01	0.00E+00	0.00E+00	0.00E+00	-2.26E+02
MWN240A	-1.03E-02	7.87E-02	3.13E-03	1.95E-01	0.00E+00	0.00E+00	-6.50E-01	-3.96E-04	5.79E-04	-3.18E-03	0.00E+00	4.60E-20	-2.04E-09	-1.08E-07	2.53E-04	-1.31E+00	0.00E+00	0.00E+00	-1.19E+00	1.53E-19	4.45E-01	0.00E+00	8.16E-09	-1.48E-08	-1.41E-03	0.00E+00	-2.35E-01	0.00E+00	4.45E-01	-2.70E-05	4.45E-01	3.87E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-5.94E+01
MWN250	-8.63E-03	-1.97E-01	-3.47E-03	3.68E-02	0.00E+00	0.00E+00	-1.34E+00	-1.04E-03	1.81E-04	-2.71E-03	0.00E+00	4.60E-20	-1.52E-09	-9.49E-08	-9.18E-03	-1.70E+00	0.00E+00	0.00E+00	-1.46E+00	1.53E-19	-2.13E+00	0.00E+00	-5.17E-09	-2.02E-08	-2.07E-03	0.00E+00	-4.75E-01	0.00E+00	-2.13E+00	-2.05E-05	-2.13E+00	-2.92E+00	-4.75E-01	0.00E+00	0.00E+00	0.00E+00	-6.88E+01
MWN263	-3.30E-02	-4.02E-01	-7.99E-03	-3.94E-01	0.00E+00	0.00E+00	-8.28E+00	-3.26E-03	-1.55E-03	-1.97E-02	0.00E+00	1.64E-20	-5.34E-09	-3.79E-07	-7.87E-03	-4.03E+00	0.00E+00	0.00E+00	-6.98E+00	4.05E-20	-4.08E+00	0.00E+00	-2.00E-08	-7.29E-08	-5.91E-03	0.00E+00	-8.73E-01	0.00E+00	-4.08E+00	-9.52E-05	-4.08E+00	-4.95E+00	-8.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.98E+02
MWN302A	-1.91E-02	-1.20E-01	-8.90E-04	-1.31E-01	0.00E+00	0.00E+00	-2.40E+00	-1.34E-03	-3.35E-04	-8.06E-03	0.00E+00	4.60E-20	-4.31E-09	-1.76E-07	-1.43E-02	-3.05E+00	0.00E+00	0.00E+00	-3.64E+00	1.53E-19	-1.15E+00	0.00E+00	4.19E-09	-4.17E-08	-2.98E-03	0.00E+00	-6.58E-01	0.00E+00	-1.15E+00	-4.61E-05	-1.15E+00	-1.66E+00	-6.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
MWN304A	-1.84E-02	-5.37E-02	-7.86E-04	-6.75E-02	0.00E+00	0.00E+00	-2.64E+00	-1.38E-03	-2.59E-04	-7.63E-03	0.00E+00	4.60E-20	-4.16E-09	-1.98E-07	-1.59E-02	-3.01E+00	0.00E+00	0.00E+00	-3.81E+00	1.53E-19	-1.13E+00	0.00E+00	4.71E-09	-4.04E-08	-2.81E-03	0.00E+00	-6.65E-01	0.00E+00	-1.13E+00	-4.89E-05	-1.13E+00	-1.73E+00	-6.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
MWN306	-6.37E-03	9.34E-02	5.36E-03	7.24E-02	0.00E+00	0.00E+00	4.83E-01	-5.64E-04	2.65E-04	-2.01E-03	0.00E+00	4.60E-20	-1.01E-09	-6.36E-08	-6.29E-03	-8.92E-01	0.00E+00	0.00E+00	-2.04E-01	1.53E-19	6.95E-01	0.00E+00	1.58E-08	-9.48E-09	-1.01E-03	0.00E+00	-1.32E-01	0.00E+00	6.95E-01	-2.07E-05	6.95E-01	5.71E-01	-1.32E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
MWN306A	-6.43E-03	7.15E-02	5.50E-03	6.43E-02	0.00E+00	0.00E+00	5.99E-01	-4.33E-04	2.47E-04	-1.41E-03	0.00E+00	4.60E-20	-8.69E-10	-5.29E-08	-4.81E-03	-9.71E-01	0.00E+00	0.00E+00	-1.59E-01	1.53E-19	8.50E-01	0.00E+00	1.57E-08	-1.08E-08	-7.18E-04	0.00E+00	-1.08E-01	0.00E+00	8.50E-01	-1.91E-05	8.50E-01	6.95E-01	-1.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.75E+01
MWN310	1.30E-03	1.29E-01	7.93E-03	1.21E-01	0.00E+00	0.00E+00	2.26E+00	4.01E-06	6.35E-04	1.41E-03	0.00E+00	9.41E-20	1.61E-10	9.63E-09	1.27E-02	-9.86E-01	0.00E+00	0.00E+00	1.32E+00	3.11E-19	2.40E+00	0.00E+00	1.83E-08	7.25E-09	4.21E-04	0.00E+00	3.32E-02	0.00E+00	2.40E+00	1.63E-07	2.40E+00	2.43E+00	3.32E-02	0.00E+00	0.00E+00	0.00E+00	4.49E+01
MWN310A	-6.63E-03	4.53E-02	5.44E-03	2.12E-03	0.00E+00	0.00E+00	5.78E-01	-4.09E-04	3.19E-04	-1.83E-03	0.00E+00	4.60E-20	-1.30E-09	-6.75E-08	-8.11E-03	-1.26E+00	0.00E+00	0.00E+00	-3.48E-01	1.53E-19	4.96E-01	0.00E+00	1.44E-08	-1.20E-08	-1.24E-03	0.00E+00	-1.66E-01	0.00E+00	4.96E-01	-1.66E-05	4.96E-01	3.63E-01	-1.66E-01	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
MWN316	1.66E-03	3.72E-01	8.89E-03	3.64E-01	0.00E+00	0.00E+00	2.14E+00	3.96E-06	7.52E-04	3.27E-03	0.00E+00	1.09E-19	3.41E-10	9.25E-09	1.47E-03	-8.42E-02	0.00E+00	0.00E+00	1.36E+00	3.88E-19	2.72E+00	0.00E+00	2.36E-08	1.01E-08	8.41E-04	0.00E+00	1.17E-01	0.00E+00	2.72E+00	5.77E-07	2.72E+00	2.84E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	4.81E+01
MWN316A	-1.82E-03	3.67E-02	4.80E-03	8.58E-03	0.00E+00	0.00E+00	8.63E-01	-4.19E-04	3.76E-04	-9.80E-04	0.00E+00	4.60E-20	-1.33E-09	-5.15E-08	-7.31E-03	-1.00E+00	0.00E+00	0.00E+00	-3.89E-02	1.53E-19	7.14E-01	0.00E+00	1.50E-08	-9.15E-09	-8.94E-04	0.00E+00	-1.25E-01	0.00E+00	7.14E-01	-1.27E-05	7.14E-01	5.00E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	-8.77E+00
MWN320	-7.09E-04	-3.33E-01	-1.62E-03	-3.31E-01	0.00E+00	0.00E+00	-5.26E-01	-9.34E-05	5.41E-04	-3.16E-03	0.00E+00	1.03E-20	-2.76E-09	-9.92E-10	-3.02E-02	-1.87E+00	0.00E+00	0.00E+00	-2.25E+00	3.97E-20	-3.08E+00	0.00E+00	-1.05E-08	-2.57E-08	-1.42E-03	0.00E+00	-5.71E-01	0.00E+00	-3.08E+00	-5.48E-06	-3.08E+00	-3.65E+00	-5.71E-01	0.00E+00	0.00E+00	0.00E+00	-9.27E+01
MWN320A	-2.39E-03	6.48E-02	4.48E-03	-5.17E-02	0.00E+00	0.00E+00	6.35E-01	-4.72E-04	4.68E-04	-5.79E-04	0.00E+00	4.60E-20	-1.44E-09	-5.17E-08	-1.25E-02	-1.03E+00	0.00E+00	0.00E+00	-4.76E-01	1.53E-19	2.19E-01	0.00E+00	1.52E-08	-1.22E-08	-1.47E-03	0.00E+00	-2.64E-01	0.00E+00	2.19E-01	-1.22E-05	2.19E-01	-3.65E-02	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
MWN325	2.59E-03	4.22E-01	1.21E-02	4.10E-01	0.00E+00	0.00E+00	2.84E+00	5.33E-06	1.42E-03	3.74E-03	0.00E+00	1.36E-19	5.07E-10	1.68E-08	-1.07E-02	3.60E-01	0.00E+00	0.00E+00	1.75E+00	4.76E-19	3.26E+00	0.00E+00	2.93E-08	1.24E-08	1.00E-03	0.00E+00	1.57E-01	0.00E+00	3.26E+00	6.99E-07	3.26E+00	3.42E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	6.35E+01
MWN325A	-5.89E-03	3.93E-02	4.27E-03	-5.73E-03	0.00E+00	0.00E+00	-1.19E+00	-8.17E-04	2.50E-04	-3.09E-03	0.00E+00	4.60E-20	-1.87E-09	-1.04E-07	-1.32E-02	-1.22E+00	0.00E+00	0.00E+00	-1.85E+00	1.53E-19	-3.65E-02	0.00E+00	1.32E-08	-2.08E-08	-1.90E-03	0.00E+00	-3.62E-01	0.00E+00	-3.65E-02	-2.48E-05	-3.65E-02	-4.79E-01	-3.62E-01	0.00E+00	0.00E+00	0.00E+00	-8.34E+01
MWN332	-3.44E-02	-4.74E-01	-8.94E-03	-4.65E-01	0.00E+00	0.00E+00	-8.77E+00	-3.42E-03	-1.38E-03	-2.11E-02	0.00E+00	1.88E-20	-6.37E-09	-3.95E-07	-8.14E-03	-4.12E+00	0.00E+00	0.00E+00	-8.04E+00	5.72E-20	-4.75E+00	0.00E+00	-2.17E-08	-8.08E-08	-6.43E-03	0.00E+00	-9.60E-01	0.00E+00	-4.75E+00	-1.01E-04	-4.75E+00	-5.71E+00	-9.60E-01	0.00E+00	0.00E+00	0.00E+00	-3.44E+02
MWN332A	-2.08E-02	5.72E-02	-4.00E-04	1.68E-01	0.00E+00	0.00E+00	-3.69E+00	-1.89E-03	1.78E-04	-7.12E-03	0.00E+00	4.60E-20	-4.46E-09	-2.44E-07	-1.18E-02	-2.46E+00	0.00E+00	0.00E+00	-4.07E+00	1.53E-19	-5.12E-01	0.00E+00	1.04E-08	-3.84E-08	-3.00E-03	0.00E+00	-5.92E-01	0.00E+00	-5.12E-01	-6.16E-05	-5.12E-01	-9.94E-01	-5.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.91E+02
MWN340	-3.94E-02	-5.77E-01	-1.16E-02	-5.66E-01	0.00E+00	0.00E+00	-1.00E+01	-3.85E-03	-1.91E-03	-2.42E-02	0.00E+00	1.95E-21	-6.96E-09	-4.50E-07	-3.91E-02	-5.12E+00	0.00E+00	0.00E+00	-9.54E+00	7.47E-21	-5.93E+00	0.00E+00	-2.72E-08	-9.33E-08	-7.32E-03	0.00E+00	-1.33E+00	0.00E+00	-5.93E+00	-1.16E-04	-5.93E+00	-7.26E+00	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-4.03E+02
MWN340A	-2.81E-02	-1.25E-01	6.33E-04	-2.94E-01	0.00E+00	0.00E+00	-4.03E+00	-3.32E-03	-1.05E-03	-1.89E-02	0.00E+00	4.60E-20	-5.37E-09	-3.45E-07	-1.02E-02	-2.47E+00	0.00E+00	0.00E+00	-4.41E+00	1.53E-19	-6.13E-01	0.00E+00	8.49E-09	-5.14E-08	-4.96E-03	0.00E+00	-5.67E-01	0.00E+00	-6.13E-01	-8.10E-05	-6.13E-01	-1.01E+00	-5.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.97E+02
MWN350	-4.80E-02	-4.15E-01	-7.34E-03	-4.08E-01	0.00E+00	0.00E+00	-1.08E+01	-4.78E-03	-2.14E-03	-2.73E-02	0.00E+00	5.17E-20	-6.44E-09	-5.56E-07	-3.28E-02	-5.65E+00	0.00E+00	0.00E+00	-9.24E+00	1.65E-19	-3.92E+00	0.00E+00	-1.56E-08	-9.47E-08	-7.94E-03	0.00E+00	-1.27E+00	0.00E+00	-3.92E+00	-1.38E-04	-3.92E+00	-5.18E+00	-1.27E+00	0.00E+00	0.00E+00	0.00E+00	-3.97E+02
MWN363	-4.78E-02	-3.83E-02	-5.96E-03	-3.23E-02	0.00E+00	0.00E+00	-1.09E+01	-4.84E-03	-1.92E-03	-2.47E-02	0.00E+00	1.02E-19	-6.87E-09	-5.62E-07	-9.94E-04	-4.47E+00	0.00E+00	0.00E+00	-9.38E+00	3.57E-19	-2.81E+00	0.00E+00	-6.16E-09	-8.99E-08	-7.38E-03	0.00E+00	-9.57E-01	0.00E+00	-2.81E+00	-1.40E-04	-2.81E+00	-3.76E+00	-9.57E-01	0.00E+00	0.00E+00	0.00E+00	-4.09E+02
MWN406	-7.58E-03	2.06E-01	6.09E-03	2.85E-01	0.00E+00	0.00E+00	-4.76E-01	-8.00E-04	4.63E-05	-2.50E-03	0.00E+00	4.60E-20	-1.87E-09	-9.88E-08	-3.59E-05	-1.05E+00	0.00E+00	0.00E+00	-1.35E+00	1.53E-19	1.71E-01	0.00E+00	1.50E-08	-1.54E-08	-1.40E-03	0.00E+00	-2.73E-01	0.00E+00	1.71E-01	-2.79E-05	1.71E-01	-8.43E-02	-2.73E-01	0.00E+00	0.00E+00	0.00E+00	-7.02E+01
MWN410	-1.24E-02	-1.86E-01	-5.31E-03	-1.80E-01	0.00E+00	0.00E+00	-3.67E+00	-1.19E-03	-6.23E-04	-7.78E-03	0.00E+00	5.27E-20	-5.03E-09	-1.37E-07	-3.99E-02	-1.84E+00	0.00E+00	0.00E+00	-5.29E+00	2.02E-19	-4.47E+00	0.00E+00	-1.22E-08	-5.13E-08	-3.14E-03	0.00E+00	-7.56E-01	0.00E+00	-4.47E+00	-3.79E-05	-4.47E+00	-5.23E+00	-7.56E-01	0.00E+00	0.00E+00	0.00E+00	-2.22E+02
MWN416	-9.11E-03	9.01E-02	6.02E-03	8.41E-02	0.00E+00	0.00E+00	-4.48E-02	-9.84E-04	-2.84E-04	-3.90E-03	0.00E+00	1.00E-19	-8.69E-10	-1.10E-07	1.15E-02	-1.49E+00	0.00E+00	0.00E+00	-2.74E-01	3.36E-19	1.94E+00	0.00E+00	1.62E-08	-9.82E-09	-1.11E-03	0.00E+00	-7.72E-02	0.00E+00	1.94E+00	-2.78E-05	1.94E+00	1.87E+00	-7.72E-02	0.00E+00	0.00E+00	0.00E+00	-2.37E+01
MWN420	-1.56E-02	3.81E-01	8.09E-03	3.73E-01	0.00E+00	0.00E+00	-1.12E+00	-1.69E-03	-3.71E-04	-5.19E-03	0.00E+00	1.69E-19	-1.55E-09	-1.92E-07	-2.02E-02	-1.24E+00	0.00E+00	0.00E+00	-1.57E+00	5.82E-19	2.29E+00	0.00E+00	2.61E-08	-1.89E-08	-1.64E-03	0.00E+00	-2.29E-01	0.00E+00	2.29E+00	-4.80E-05	2.29E+00	2.06E+00	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-7.92E+01
MWN425	-2.24E-02	-3.15E-02	4.31E-03	-3.58E-02	0.00E+00	0.00E+00	-2.82E+00	-2.29E-03	-8.79E-04	-1.15E-02	0.00E+00	1.17E-19	-2.37E-09	-2.63E-07	-2.58E-02	-2.89E+00	0.00E+00	0.00E+00	-3.00E+00	3.87E-19	6.88E-01	0.00E+00	1.25E-08	-3.61E-08	-3.27E-03	0.00E+00	-5.52E-01	0.00E+00	6.88E-01	-6.55E-05	6.88E-01	1.35E-01	-5.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.37E+02
MWN432	3.82E-03	2.59E-01	1.07E-02	2.49E-01	0.00E+00	0.00E+00	1.23E+00	-9.39E-05	3.37E-03	1.84E-03	0.00E+00	1.20E-19	-2.19E-09	2.72E-08	-2.62E-02	-4.41E-01	0.00E+00	0.00E+00	-2.88E-01	4.41E-19	-1.46E-01	0.00E+00	1.64E-08	-1.03E-08	-7.27E-05	0.00E+00	-1.78E-01	0.00E+00	-1.46E-01	-4.87E-06	-1.46E-01	-3.25E-01	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+01
MWN440	-3.45E-03	-2.95E-01	3.60E-03	-2.98E-01	0.00E+00	0.00E+00	-8.93E-01	-6.66E-04	2.39E-03	-5.52E-03	0.00E+00	4.52E-20	-3.50E-09	-4.61E-08	1.86E-03	-2.66E+00	0.00E+00	0.00E+00	-2.13E+00	1.54E-19	-2.14E+00	0.00E+00	-4.08E-09	-2.99E-08	-1.99E-03	0.00E+00	-4.66E-01	0.00E+00	-2.14E+00	-2.65E-05	-2.14E+00	-2.60E+00	-4.66E-01	0.00E+00	0.00E+00	0.00E+00	-9.59E+01
MWN450	-6.42E-02	-3.12E-01	-1.28E-02	-2.99E-01	0.00E+00	0.00E+00	-1.61E+01	-6.44E-03	-2.75E-03	-3.52E-02	0.00E+00	9.52E-20	-1.05E-08	-7.49E-07	-1.03E-02	-6.69E+00	0.00E+00	0.00E+00	-1.36E+01	3.25E-19	-6.81E+00	0.00E+00	-2.62E-08	-1.37E-07	-1.08E-02	0.00E+00	-1.51E+00	0.00E+00	-6.81E+00	-1.88E-04	-6.81E+00	-8.32E+00	-1.51E+00	0.00E+00	0.00E+00	0.00E+00	-5.84E+02
MWN463	-6.43E-02	-4.82E-01	-8.94E-03	-4.74E-01	0.00E+00	0.00E+00	-1.45E+01	-6.45E-03	-2.83E-03	-3.62E-02	0.00E+00	8.88E-20	-8.66E-09	-7.49E-07	-4.99E-03	-6.62E+00	0.00E+00	0.00E+00	-1.17E+01	2.72E-19	-4.45E+00	0.00E+00	-1.85E-08	-1.23E-07	-1.06E-02	0.00E+00	-1.32E+00	0.00E+00	-4.45E+00	-1.86E-04	-4.45E+00	-5.77E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-5.09E+02
MWN510	-1.44E-03	3.07E-02	4.70E-03	4.88E-02	0.00E+00	0.00E+00	2.32E-01	-2.27E-04	3.20E-04	-7.25E-05	0.00E+00	4.60E-20	-8.38E-10	-9.25E-09	-7.35E-03	-5.91E-01	0.00E+00	0.00E+00	-4.82E-01	1.53E-19	1.59E-01	0.00E+00	8.97E-09	-6.46E-09	-3.54E-04	0.00E+00	-1.36E-01	0.00E+00	1.59E-01	-3.84E-06	1.59E-01	9.18E-02	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-2.09E+01
MWN516	-2.74E-03	5.73E-02	3.62E-03	3.54E-02	0.00E+00	0.00E+00	9.71E-02	-4.35E-04	1.80E-04	-1.20E-03	0.00E+00	4.60E-20	-7.99E-10	-4.67E-08	-2.40E-03	-7.49E-01	0.00E+00	0.00E+00	-2.98E-01	1.53E-19	5.41E-01	0.00E+00	9.45E-09	-6.55E-09	-5.45E-04	0.00E+00	-8.44E-02	0.00E+00	5.41E-01	-1.48E-05	5.41E-01	3.97E-01	-8.44E-02	0.00E+00	0.00E+00	0.00E+00	-1.97E+01
MWN520	-3.31E-03	5.00E-02	3.19E-03	8.12E-03	0.00E+00	0.00E+00	4.53E-02	-5.49E-04	1.77E-04	-1.77E-03	0.00E+00	4.60E-20	-8.75E-10	-6.11E-08	-2.88E-03	-8.75E-01	0.00E+00	0.00E+00	-3.84E-01	1.53E-19	5.17E-01	0.00E+00	9.35E-09	-8.04E-09	-6.43E-04	0.00E+00	-1.13E-01	0.00E+00	5.17E-01	-1.91E-05	5.17E-01	3.63E-01	-1.13E-01	0.00E+00	0.00E+00	0.00E+00	-2.08E+01
MWN532	-6.93E-03	-3.35E-02	1.09E-03	-3.61E-02	0.00E+00	0.00E+00	-2.62E+00	-9.62E-04	7.71E-04	-4.42E-03	0.00E+00	4.60E-20	-2.32E-09	-9.77E-08	-4.59E-03	-1.60E+00	0.00E+00	0.00E+00	-2.43E+00	1.53E-19	-7.76E-02	0.00E+00	6.10E-09	-2.26E-08	-1.15E-03	0.00E+00	-3.48E-01	0.00E+00	-7.76E-02	-2.54E-05	-7.76E-02	-3.44E-01	-3.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
MWN540	-1.05E-02	5.11E-02	1.99E-03	1.37E-01	0.00E+00	0.00E+00	-2.02E+00	-1.05E-03	4.40E-04	-4.19E-03	0.00E+00	4.60E-20	-2.29E-09	-6.80E-08	-5.45E-04	-1.18E+00	0.00E+00	0.00E+00	-2.10E+00	1.53E-19	-2.34E-02	0.00E+00	5.66E-09	-2.45E-08	-2.13E-03	0.00E+00	-2.81E-01	0.00E+00	-2.34E-02	-2.09E-05	-2.34E-02	-1.90E-01	-2.81E-01	0.00E+00	0.00E+00	0.00E+00	-9.93E+01
MWN602A	-2.76E-02	1.31E-01	1.86E-03	6.15E-02	0.00E+00	0.00E+00	-3.45E+00	-1.99E-03	7.74E-04	-1.08E-02	0.00E+00	4.60E-20	-4.43E-09	-1.99E-07	-1.02E-02	-3.14E+00	0.00E+00	0.00E+00	-3.90E+00	1.53E-19	-1.04E+00	0.00E+00	5.45E-09	-2.80E-08	-3.53E-03	0.00E+00	-7.23E-01	0.00E+00	-1.04E+00	-5.65E-05	-1.04E+00	-1.62E+00	-7.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.75E+02
MWN604A	-2.79E-02	1.63E-01	2.77E-03	1.77E-02	0.00E+00	0.00E+00	-3.60E+00	-1.95E-03	1.31E-03	-1.07E-02	0.00E+00	4.60E-20	-4.00E-09	-2.22E-07	-1.27E-02	-3.02E+00	0.00E+00	0.00E+00	-3.99E+00	1.53E-19	-1.07E+00	0.00E+00	5.57E-09	-2.61E-08	-3.25E-03	0.00E+00	-7.38E-01	0.00E+00	-1.07E+00	-5.81E-05	-1.07E+00	-1.69E+00	-7.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.82E+02
MWN606A	-7.47E-03	2.12E-01	5.69E-03	2.29E-01	0.00E+00	0.00E+00	-1.70E-01	-7.86E-04	7.10E-05	-3.18E-03	0.00E+00	4.60E-20	-1.69E-09	-1.02E-07	-7.62E-03	-1.71E+00	0.00E+00	0.00E+00	-1.09E+00	1.53E-19	3.42E-01	0.00E+00	1.23E-08	-1.78E-08	-1.49E-03	0.00E+00	-3.08E-01	0.00E+00	3.42E-01	-2.62E-05	3.42E-01	1.96E-01	-3.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.49E+01
MWN610A	-1.03E-02	1.67E-01	5.58E-03	1.72E-01	0.00E+00	0.00E+00	-5.20E-01	-1.05E-03	-3.39E-06	-3.82E-03	0.00E+00	4.60E-20	-1.69E-09	-1.27E-07	-7.31E-03	-2.00E+00	0.00E+00	0.00E+00	-1.34E+00	1.53E-19	1.63E-01	0.00E+00	1.45E-08	-1.62E-08	-1.45E-03	0.00E+00	-3.25E-01	0.00E+00	1.63E-01	-3.19E-05	1.63E-01	4.38E-03	-3.25E-01	0.00E+00	0.00E+00	0.00E+00	-6.58E+01

MWN616A	-7.02E-03	1.23E-02	3.97E-03	-2.84E-02	0.00E+00	0.00E+00	-9.62E-01	-7.50E-04	1.07E-05	-4.36E-03	0.00E+00	4.60E-20	-3.33E-09	-6.77E-08	-3.16E-03	-1.89E+00	0.00E+00	0.00E+00	-2.03E+00	1.53E-19	-1.38E+00	0.00E+00	9.28E-09	-2.95E-08	-1.80E-03	0.00E+00	-4.47E-01	0.00E+00	-1.38E+00	-2.06E-05	-1.38E+00	-1.87E+00	-4.47E-01	0.00E+00	0.00E+00	0.00E+00	-9.24E+01
MWN620A	-1.14E-02	6.44E-02	4.51E-03	7.40E-03	0.00E+00	0.00E+00	-1.24E+00	-1.34E-03	1.96E-05	-4.10E-03	0.00E+00	4.60E-20	-3.11E-09	-1.51E-07	-7.55E-03	-1.90E+00	0.00E+00	0.00E+00	-2.00E+00	1.53E-19	-1.77E-01	0.00E+00	1.25E-08	-3.46E-08	-2.12E-03	0.00E+00	-3.18E-01	0.00E+00	-1.77E-01	-3.71E-05	-1.77E-01	-5.45E-01	-3.18E-01	0.00E+00	0.00E+00	0.00E+00	-9.44E+01
MWN625A	-2.00E-02	1.36E-01	5.03E-03	6.67E-02	0.00E+00	0.00E+00	-2.19E+00	-1.88E-03	-4.50E-04	-8.78E-03	0.00E+00	4.60E-20	-2.70E-09	-1.98E-07	-1.27E-02	-2.36E+00	0.00E+00	0.00E+00	-2.54E+00	1.53E-19	1.82E-01	0.00E+00	1.34E-08	-3.21E-08	-2.78E-03	0.00E+00	-3.36E-01	0.00E+00	1.82E-01	-5.31E-05	1.82E-01	-2.99E-02	-3.36E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
MWN640A	-8.02E-03	8.81E-02	2.78E-03	4.24E-02	0.00E+00	0.00E+00	-3.88E+00	-5.11E-03	1.78E-03	-3.52E-03	0.00E+00	4.60E-20	-5.58E-09	-1.36E-07	-9.54E-03	-2.59E+00	0.00E+00	0.00E+00	-3.90E+00	1.53E-19	-7.97E-01	0.00E+00	1.06E-08	-2.50E-08	-2.49E-03	0.00E+00	-6.11E-01	0.00E+00	-7.97E-01	-4.51E-05	-7.97E-01	-1.20E+00	-6.11E-01	0.00E+00	0.00E+00	0.00E+00	-1.84E+02
MWS206A	-5.12E-03	2.97E-02	2.59E-03	2.91E-02	0.00E+00	0.00E+00	7.79E-02	-4.96E-04	2.15E-04	-2.19E-03	0.00E+00	4.60E-20	-9.94E-10	-5.25E-08	-3.58E-03	-8.53E-01	0.00E+00	0.00E+00	-3.86E-01	1.53E-19	1.14E-01	0.00E+00	6.37E-09	-9.49E-09	-7.73E-04	0.00E+00	-1.18E-01	0.00E+00	1.14E-01	-1.26E-05	1.14E-01	1.22E-01	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
MWS210A	-5.51E-03	5.05E-03	3.03E-03	1.20E-02	0.00E+00	0.00E+00	-4.06E-01	-5.81E-04	1.64E-04	-2.47E-03	0.00E+00	4.60E-20	-1.11E-09	-4.95E-08	-5.19E-03	-9.50E-01	0.00E+00	0.00E+00	-7.45E-01	1.53E-19	-1.36E-01	0.00E+00	7.65E-09	-9.10E-09	-6.43E-04	0.00E+00	-1.80E-01	0.00E+00	-1.36E-01	-1.46E-05	-1.36E-01	-1.03E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-3.46E+01
MWS216A	-2.18E-03	5.92E-02	2.08E-03	4.97E-02	0.00E+00	0.00E+00	6.17E-03	-2.93E-04	1.87E-04	-7.80E-04	0.00E+00	4.60E-20	-8.16E-10	-3.30E-08	-7.27E-04	-6.29E-01	0.00E+00	0.00E+00	-3.28E-01	1.53E-19	1.12E-01	0.00E+00	5.04E-09	-5.90E-09	-4.35E-04	0.00E+00	-7.84E-02	0.00E+00	1.12E-01	-1.04E-05	1.12E-01	2.11E-02	-7.84E-02	0.00E+00	0.00E+00	0.00E+00	-1.67E+01
MWS220A	-5.13E-03	1.95E-02	2.25E-03	1.02E-03	0.00E+00	0.00E+00	-2.65E-01	-6.30E-04	2.98E-04	-1.48E-03	0.00E+00	4.60E-20	-1.04E-09	-5.32E-08	-6.65E-03	-6.95E-01	0.00E+00	0.00E+00	-7.42E-01	1.53E-19	5.15E-03	0.00E+00	6.12E-09	-1.07E-08	-9.44E-04	0.00E+00	-1.56E-01	0.00E+00	5.15E-03	-1.67E-05	5.15E-03	-7.68E-02	-1.56E-01	0.00E+00	0.00E+00	0.00E+00	-3.16E+01
MWS225A	-4.84E-03	1.06E-02	2.10E-03	-4.16E-02	0.00E+00	0.00E+00	-7.06E-01	-5.82E-04	1.60E-04	-2.13E-03	0.00E+00	4.60E-20	-1.07E-09	-4.80E-08	-7.67E-03	-9.79E-01	0.00E+00	0.00E+00	-8.90E-01	1.53E-19	-2.70E-01	0.00E+00	2.85E-09	-1.06E-08	-7.22E-04	0.00E+00	-1.94E-01	0.00E+00	-2.70E-01	-1.70E-05	-2.70E-01	-3.58E-01	-1.94E-01	0.00E+00	0.00E+00	0.00E+00	-3.60E+01
MWS232A	-1.38E-02	-3.13E-05	1.69E-03	1.01E-02	0.00E+00	0.00E+00	-1.20E+00	-1.64E-03	3.65E-04	-4.35E-03	0.00E+00	4.60E-20	-1.94E-09	-1.18E-07	-1.06E-02	-1.72E+00	0.00E+00	0.00E+00	-1.55E+00	1.53E-19	-6.84E-02	0.00E+00	2.56E-09	-2.37E-08	-1.59E-03	0.00E+00	-3.23E-01	0.00E+00	-6.84E-02	-4.89E-05	-6.84E-02	-3.45E-01	-3.23E-01	0.00E+00	0.00E+00	0.00E+00	-6.66E+01
MWS240A	-1.43E-02	2.99E-02	1.85E-03	7.84E-02	0.00E+00	0.00E+00	-1.42E+00	-1.66E-03	3.05E-04	-4.25E-03	0.00E+00	4.60E-20	-1.85E-09	-1.13E-07	-5.72E-03	-1.47E+00	0.00E+00	0.00E+00	-1.52E+00	1.53E-19	-6.38E-03	0.00E+00	3.06E-09	-2.14E-08	-1.68E-03	0.00E+00	-2.94E-01	0.00E+00	-6.38E-03	-4.40E-05	-6.38E-03	-1.19E-01	-2.94E-01	0.00E+00	0.00E+00	0.00E+00	-7.33E+01
MWS310A	-5.92E-03	4.81E-02	3.50E-03	2.29E-02	0.00E+00	0.00E+00	-5.18E-01	-6.31E-04	2.75E-04	-2.72E-03	0.00E+00	4.60E-20	-1.43E-09	-7.37E-08	-5.97E-03	-1.29E+00	0.00E+00	0.00E+00	-1.01E+00	1.53E-19	2.25E-01	0.00E+00	1.23E-08	-8.83E-09	-1.21E-03	0.00E+00	-2.13E-01	0.00E+00	2.25E-01	-1.83E-05	2.25E-01	1.32E-01	-2.13E-01	0.00E+00	0.00E+00	0.00E+00	-5.03E+01
MWS316A	-4.63E-03	1.66E-02	2.69E-03	3.38E-02	0.00E+00	0.00E+00	-6.02E-01	-7.16E-04	3.62E-04	-3.26E-03	0.00E+00	4.60E-20	-1.73E-09	-7.21E-08	-4.61E-03	-1.13E+00	0.00E+00	0.00E+00	-1.03E+00	1.53E-19	3.09E-01	0.00E+00	1.27E-08	-1.10E-08	-9.68E-04	0.00E+00	-2.27E-01	0.00E+00	3.09E-01	-1.86E-05	3.09E-01	2.56E-01	-2.27E-01	0.00E+00	0.00E+00	0.00E+00	-5.06E+01
MWS320A	-5.33E-03	6.81E-02	2.93E-03	4.19E-02	0.00E+00	0.00E+00	-1.93E-01	-1.31E-03	3.70E-04	-9.67E-04	0.00E+00	4.60E-20	-1.41E-09	-9.09E-08	-8.00E-03	-1.23E+00	0.00E+00	0.00E+00	-6.88E-01	1.53E-19	6.76E-01	0.00E+00	1.30E-08	-9.69E-09	-1.20E-03	0.00E+00	-1.86E-01	0.00E+00	6.76E-01	-3.18E-05	6.76E-01	4.92E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-3.12E+01
MWS325A	-1.56E-02	1.13E-03	1.17E-03	-6.98E-02	0.00E+00	0.00E+00	-3.22E+00	-2.14E-03	-5.63E-04	-1.10E-02	0.00E+00	4.60E-20	-2.20E-09	-2.24E-07	-1.35E-02	-1.68E+00	0.00E+00	0.00E+00	-3.29E+00	1.53E-19	-3.27E-01	0.00E+00	8.72E-09	-2.51E-08	-9.91E-04	0.00E+00	-4.35E-01	0.00E+00	-3.27E-01	-6.80E-05	-3.27E-01	-1.02E+00	-4.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.49E+02
MWS332A	-2.07E-02	-5.93E-02	-8.92E-04	-2.49E-02	0.00E+00	0.00E+00	-4.70E+00	-3.05E-03	7.31E-05	-8.91E-03	0.00E+00	4.60E-20	-4.44E-09	-3.12E-07	-1.78E-02	-2.59E+00	0.00E+00	0.00E+00	-4.66E+00	1.53E-19	-1.42E+00	0.00E+00	5.05E-09	-3.46E-08	-2.91E-03	0.00E+00	-7.46E-01	0.00E+00	-1.42E+00	-6.75E-05	-1.42E+00	-2.35E+00	-7.46E-01	0.00E+00	0.00E+00	0.00E+00	-2.14E+02
MWS340A	-3.02E-02	-1.53E-01	3.16E-04	-3.73E-01	0.00E+00	0.00E+00	-4.45E+00	-3.46E-03	-1.14E-03	-1.95E-02	0.00E+00	4.60E-20	-5.23E-09	-4.40E-07	-1.39E-02	-2.37E+00	0.00E+00	0.00E+00	-4.71E+00	1.53E-19	-1.45E+00	0.00E+00	5.75E-09	-3.12E-08	-4.75E-03	0.00E+00	-7.54E-01	0.00E+00	-1.45E+00	-7.99E-05	-1.45E+00	-2.22E+00	-7.54E-01	0.00E+00	0.00E+00	0.00E+00	-2.10E+02
MWS606A	-7.63E-03	2.02E-01	5.28E-03	2.31E-01	0.00E+00	0.00E+00	-7.79E-01	-1.15E-03	9.07E-05	-3.99E-03	0.00E+00	4.60E-20	-1.46E-09	-1.27E-07	-7.98E-03	-1.92E+00	0.00E+00	0.00E+00	-1.43E+00	1.53E-19	3.28E-01	0.00E+00	1.45E-08	-1.52E-08	-1.40E-03	0.00E+00	-3.63E-01	0.00E+00	3.28E-01	-2.93E-05	3.28E-01	2.31E-01	-3.63E-01	0.00E+00	0.00E+00	0.00E+00	-7.11E+01
MWS610A	-7.27E-03	1.19E-01	4.70E-03	1.37E-01	0.00E+00	0.00E+00	-1.12E+00	-1.13E-03	1.37E-04	-2.70E-03	0.00E+00	4.60E-20	-1.63E-09	-1.17E-07	-9.05E-03	-2.15E+00	0.00E+00	0.00E+00	-1.91E+00	1.53E-19	-8.56E-02	0.00E+00	1.30E-08	-1.12E-08	-1.11E-03	0.00E+00	-4.22E-01	0.00E+00	-8.56E-02	-2.83E-05	-8.56E-02	-2.29E-01	-4.22E-01	0.00E+00	0.00E+00	0.00E+00	-8.44E+01
MWS616A	-1.20E-02	-4.67E-02	2.83E-03	1.13E-03	0.00E+00	0.00E+00	-2.12E+00	-1.33E-03	-1.30E-04	-6.29E-03	0.00E+00	4.60E-20	-3.01E-09	-1.30E-07	-5.26E-03	-1.90E+00	0.00E+00	0.00E+00	-2.82E+00	1.53E-19	-8.37E-01	0.00E+00	1.24E-08	-1.83E-08	-1.23E-03	0.00E+00	-5.82E-01	0.00E+00	-8.37E-01	-3.85E-05	-8.37E-01	-1.20E+00	-5.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.23E+02
MWS620A	-1.15E-02	8.88E-02	1.66E-03	4.04E-02	0.00E+00	0.00E+00	-1.94E+00	-1.90E-03	-3.18E-04	-5.67E-03	0.00E+00	4.60E-20	-3.48E-09	-2.02E-07	-1.14E-02	-2.46E+00	0.00E+00	0.00E+00	-2.40E+00	1.53E-19	-1.74E-01	0.00E+00	1.15E-08	-3.32E-08	-2.64E-03	0.00E+00	-4.38E-01	0.00E+00	-1.74E-01	-5.41E-05	-1.74E-01	-5.03E-01	-4.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
MWS625A	-1.70E-02	2.09E-01	1.70E-03	2.38E-01	0.00E+00	0.00E+00	-2.20E+00	-1.29E-03	-6.31E-04	-6.13E-03	0.00E+00	4.60E-20	-3.12E-09	-1.25E-07	-1.50E-02	-2.29E+00	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	9.24E-01	0.00E+00	8.88E-09	-1.23E-08	-2.65E-04	0.00E+00	-3.56E-01	0.00E+00	9.24E-01	-5.25E-05	9.24E-01	5.33E-01	-3.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MWS632A	-3.50E-02	1.71E-01	8.45E-04	1.30E-01	0.00E+00	0.00E+00	-6.21E+00	-4.51E-03	3.70E-04	-1.29E-02	0.00E+00	4.60E-20	-4.97E-09	-3.42E-07	-1.55E-02	-3.64E+00	0.00E+00	0.00E+00	-5.91E+00	1.53E-19	-1.04E+00	0.00E+00	5.17E-09	-2.99E-08	-3.43E-03	0.00E+00	-8.28E-01	0.00E+00	-1.04E+00	-8.97E-05	-1.04E+00	-1.79E+00	-8.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.67E+02
MWS640A	-4.18E-02	2.29E-03	1.72E-03	-3.84E-01	0.00E+00	0.00E+00	-5.94E+00	-5.35E-03	1.34E-03	-2.67E-02	0.00E+00	4.60E-20	-6.36E-09	-5.01E-07	-1.49E-02	-3.78E+00	0.00E+00	0.00E+00	-5.76E+00	1.53E-19	-2.00E+00	0.00E+00	5.44E-09	-8.38E-08	-7.69E-03	0.00E+00	-9.76E-01	0.00E+00	-2.00E+00	-1.24E-04	-2.00E+00	-2.83E+00	-9.76E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+02
MX106	-1.18E-03	1.17E-02	1.16E-03	1.94E-02	0.00E+00	0.00E+00	-4.86E-02	-1.02E-04	1.26E-04	-5.25E-04	0.00E+00	4.60E-20	-7.00E-10	-1.47E-08	-1.99E-03	-4.52E-01	0.00E+00	0.00E+00	-3.01E-01	1.53E-19	-2.11E-03	0.00E+00	1.55E-09	-4.73E-09	-3.64E-04	0.00E+00	-8.54E-02	0.00E+00	-2.11E-03	-1.89E-06	-2.11E-03	-5.43E-02	-8.54E-02	0.00E+00	0.00E+00	0.00E+00	-1.37E+01
MX110	-1.36E-03	3.32E-02	1.40E-03	4.48E-02	0.00E+00	0.00E+00	-5.39E-02	-1.36E-04	1.10E-04	-7.40E-04	0.00E+00	4.60E-20	-4.59E-10	-1.12E-08	-2.09E-03	-3.33E-01	0.00E+00	0.00E+00	-3.09E-01	1.53E-19	-2.03E-02	0.00E+00	1.85E-09	-4.05E-09	-2.76E-04	0.00E+00	-5.83E-02	0.00E+00	-2.03E-02	-3.00E-06	-2.03E-02	-7.86E-02	-5.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
MX113	-1.19E-03	3.73E-02	1.30E-03	3.66E-02	0.00E+00	0.00E+00	-5.17E-02	-1.22E-04	1.04E-04	-6.84E-04	0.00E+00	4.60E-20	-4.56E-10	-1.20E-08	-8.49E-04	-3.38E-01	0.00E+00	0.00E+00	-3.03E-01	1.53E-19	1.72E-02	0.00E+00	2.88E-09	-4.81E-09	-2.80E-04	0.00E+00	-6.01E-02	0.00E+00	1.72E-02	-3.57E-06	1.72E-02	-1.87E-02	-6.01E-02	0.00E+00	0.00E+00	0.00E+00	-1.21E+01
MX116	-7.34E-04	1.58E-02	1.06E-03	1.76E-02	0.00E+00	0.00E+00	-2.65E-03	-4.61E-05	1.45E-04	-4.71E-04	0.00E+00	4.60E-20	-5.14E-10	-3.02E-09	6.14E-04	-3.35E-01	0.00E+00	0.00E+00	-2.78E-01	1.53E-19	-9.37E-02	0.00E+00	1.24E-09	-3.44E-09	-2.37E-04	0.00E+00	-5.19E-02	0.00E+00	-9.37E-02	-1.16E-06	-9.37E-02	-1.83E-01	-5.19E-02	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
MX120	-1.70E-03	4.27E-02	9.89E-04	3.96E-02	0.00E+00	0.00E+00	-7.63E-02	-1.92E-04	8.56E-05	-1.95E-03	0.00E+00	4.60E-20	-4.65E-10	-2.77E-08	-8.52E-04	-3.37E-01	0.00E+00	0.00E+00	-3.85E-01	1.53E-19	7.42E-02	0.00E+00	2.96E-09	-4.60E-09	-5.92E-04	0.00E+00	-6.53E-02	0.00E+00	7.42E-02	-5.82E-06	7.42E-02	5.41E-03	-6.53E-02	0.00E+00	0.00E+00	0.00E+00	-1.59E+01
MX125	-1.30E-03	3.47E-02	1.80E-03	3.26E-02	0.00E+00	0.00E+00	-5.97E-02	-1.79E-04	1.49E-04	-9.86E-04	0.00E+00	4.60E-20	-5.38E-10	-1.90E-08	-1.06E-03	-2.26E-01	0.00E+00	0.00E+00	-3.89E-01	1.53E-19	8.58E-02	0.00E+00	4.31E-09	-4.07E-09	-2.41E-04	0.00E+00	-3.32E-02	0.00E+00	8.58E-02	-4.24E-06	8.58E-02	7.27E-02	-3.32E-02	0.00E+00	0.00E+00	0.00E+00	-1.77E+01
MX132	-8.61E-03	2.77E-02	8.89E-04	4.55E-02	0.00E+00	0.00E+00	-1.51E+00	-1.06E-03	-2.56E-05	-4.35E-03	0.00E+00	4.60E-20	-1.30E-09	-1.11E-07	-1.19E-03	-9.82E-01	0.00E+00	0.00E+00	-1.46E+00	1.53E-19	9.17E-03	0.00E+00	2.46E-09	-1.89E-08	-1.37E-03	0.00E+00	-1.60E-01	0.00E+00	9.17E-03	-3.02E-05	9.17E-03	-1.29E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-6.20E+01
MX140	-5.90E-03	3.45E-02	1.51E-03	6.18E-02	0.00E+00	0.00E+00	-1.44E+00	-7.99E-04	1.71E-04	-3.34E-03	0.00E+00	4.60E-20	-1.16E-09	-9.04E-08	-1.21E-03	-8.79E-01	0.00E+00	0.00E+00	-1.41E+00	1.53E-19	3.28E-02	0.00E+00	4.35E-09	-1.48E-08	-9.96E-04	0.00E+00	-1.55E-01	0.00E+00	3.28E-02	-2.32E-05	3.28E-02	-7.56E-02	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-5.96E+01
MX206	-5.77E-03	1.44E-02	2.65E-03	2.28E-02	0.00E+00	0.00E+00	-2.05E-01	-3.00E-04	1.20E-04	-1.84E-03	0.00E+00	4.60E-20	-8.91E-10	-3.90E-08	-4.32E-03	-9.80E-01	0.00E+00	0.00E+00	-6.06E-01	1.53E-19	-1.36E-01	0.00E+00	3.50E-09	-9.40E-09	-7.23E-04	0.00E+00	-1.67E-01	0.00E+00	-1.36E-01	-1.17E-05	-1.36E-01	-1.09E-01	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-3.29E+01
MX210	-5.54E-03	4.72E-02	3.08E-03	4.48E-02	0.00E+00	0.00E+00	-2.11E-01	-2.94E-04	1.00E-04	-1.85E-03	0.00E+00	4.60E-20	-8.61E-10	-3.55E-08	-3.35E-03	-1.06E+00	0.00E+00	0.00E+00	-8.10E-01	1.53E-19	-1.40E-01	0.00E+00	4.90E-09	-7.87E-09	-5.77E-04	0.00E+00	-1.77E-01	0.00E+00	-1.40E-01	-9.02E-06	-1.40E-01	-1.54E-01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-3.81E+01
MX213	-5.58E-03	4.49E-02	2.82E-03	1.00E-02	0.00E+00	0.00E+00	-2.91E-01	-5.76E-04	8.71E-05	-2.34E-03	0.00E+00	4.60E-20	-1.09E-09	-6.40E-08	-1.31E-03	-1.15E+00	0.00E+00	0.00E+00	-9.67E-01	1.53E-19	-3.85E-02	0.00E+00	5.69E-09	-1.11E-08	-8.63E-04	0.00E+00	-1.83E-01	0.00E+00	-3.85E-02	-1.85E-05	-3.85E-02	-2.64E-02	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	-4.25E+01
MX216	-5.60E-03	3.23E-02	2.56E-03	5.64E-03	0.00E+00	0.00E+00	-3.67E-01	-5.66E-04	8.93E-05	-2.50E-03	0.00E+00	4.60E-20	-1.07E-09	-6.56E-08	-2.08E-03	-1.15E+00	0.00E+00	0.00E+00	-1.15E+00	1.53E-19	-1.44E-01	0.00E+00	4.34E-09	-1.20E-08	-8.88E-04	0.00E+00	-2.04E-01	0.00E+00	-1.44E-01	-1.78E-05	-1.44E-01	-2.55E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-5.08E+01
MX220	-3.20E-03	2.38E-02	2.19E-03	-1.38E-02	0.00E+00	0.00E+00	-5.75E-01	-4.81E-04	9.24E-05	-2.01E-03	0.00E+00	4.60E-20	-1.16E-09	-5.08E-08	-2.04E-03	-1.12E+00	0.00E+00	0.00E+00	-1.30E+00	1.53E-19	-2.83E-01	0.00E+00	3.61E-09	-1.05E-08	-7.94E-04	0.00E+00	-2.16E-01	0.00E+00	-2.83E-01	-1.66E-05	-2.83E-01	-5.40E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-5.59E+01
MX225	-2.30E-03	-2.95E-03	1.79E-03	-3.24E-02	0.00E+00	0.00E+00	-5.21E-01	-4.83E-04	1.01E-04	-2.15E-03	0.00E+00	4.60E-20	-1.41E-09	-4.98E-08	-8.88E-04	-9.43E-01	0.00E+00	0.00E+00	-1.06E+00	1.53E-19	-1.92E-01	0.00E+00	3.49E-09	-1.18E-08	-8.13E-04	0.00E+00	-1.62E-01	0.00E+00	-1.92E-01	-1.62E-05	-1.92E-01	-3.58E-01	-1.62E-01	0.00E+00	0.00E+00	0.00E+00	-4.79E+01
MX232	-1.25E-02	1.43E-02	7.24E-04	-7.58E-03	0.00E+00	0.00E+00	-2.18E+00	-9.77E-04	-1.99E-04	-6.95E-03	0.00E+00	4.60E-20	-2.46E-09	-1.39E-07	-1.43E-03	-1.78E+00	0.00E+00	0.00E+00	-2.16E+00	1.53E-19	-1.22E-01	0.00E+00	2.12E-09	-3.23E-08	-2.15E-03	0.00E+00	-3.31E-01	0.00E+00	-1.22E-01	-3.50E-05	-1.22E-01	-3.83E-01	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	-9.97E+01
MX240	-8.87E-03	4.81E-02	1.82E-03	6.87E-02	0.00E+00	0.00E+00	-1.56E+00	-6.41E-04	4.07E-04	-3.45E-03	0.00E+00	4.60E-20	-2.23E-09	-1.06E-07	-1.13E-03	-1.49E+00	0.00E+00	0.00E+00	-1.74E+00	1.53E-19	1.77E-01	0.00E+00	5.25E-09	-2.05E-08	-1.59E-03	0.00E+00	-2.84E-01	0.00E+00	1.77E-01	-3.31E-05	1.77E-01	-8.90E-02	-2.84E-01	0.00E+00	0.00E+00	0.00E+00	-8.06E+01
MX306	-6.31E-03	4.39E-03	3.20E-03	-4.30E-03	0.00E+00	0.00E+00	3.32E-02	-7.48E-04	9.54E-05	-3.21E-03	0.00E+00	4.60E-20	-1.07E-09	-7.68E-08	8.26E-04	-1.33E+00	0.00E+00	0.00E+00	-8.81E-01	1.53E-19	-1.38E-01	0.00E+00	3.27E-09	-1.41E-08	-1.21E-03	0.00E+00	-2.04E-01	0.00E+00	-1.38E-01	-2.11E-05	-1.38E-01	-3.08E-01	-2.04E-01	0.00E+00	0.00E+00	0.00E+00	-4.30E+01
MX310	-5.77E-03	-1.71E-03	3.03E-03	-1.94E-03	0.00E+00	0.00E+00	-5.35E-01	-6.87E-04	6.29E-05	-4.24E-03	0.00E+00	4.60E-20	-1.23E-09	-7.10E-08	1.37E-03	-1.45E+00	0.00E+00	0.00E+00	-1.69E+00	1.53E-19	-6.20E-01	0.00E+00	5.77E-10	-1.39E-08	-1.18E-03	0.00E+00	-3.19E-01	0.00E+00	-6.20E-01	-1.99E-05	-6.20E-01	-9.36E-01	-3.19E-01	0.00E+00	0.00E+00	0.00E+00	-7.25E+01
MX313	-6.34E-03	-1.91E-02	1.61E-03	-3.39E-02	0.00E+00	0.00E+00	-9.26E-01	-6.78E-04	6.03E-05	-4.62E-03	0.00E+00	4.60E-20	-1.68E-09	-7.00E-08	1.25E-03	-1.46E+00	0.00E+00	0.00E+00	-2.00E+00	1.53E-19	-7.49E-01	0.00E+00	1.87E-09	-1.93E-08	-1.25E-03	0.00E+00	-3.29E-01	0.00E+00	-7.49E-01	-2.05E-05	-7.49E-01	-9.73E-01	-3.29E-01	0.00E+00	0.00E+00	0.00E+00	-8.31E+01
MX316	-4.98E-03	-2.40E-02	1.51E-03	-2.14E-02	0.00E+00	0.00E+00	-8.93E-01	-6.39E-04	1.25E-04	-4.67E-03	0.00E+00	4.60E-20	-1.67E-09	-6.16E-08	1.18E-03	-1.42E+00	0.00E+00	0.00E+00	-1.97E+00	1.53E-19	-6.95E-01	0.00E+00	1.25E-09	-1.97E-08	-1.20E-03	0.00E+00	-3.23E-01	0.00E+00	-6.95E-01	-1.89E-05	-6.95E-01	-9.63E-01	-3.23E-01	0.00E+00	0.00E+00	0.00E+00	-8.23E+01
MX320	-5.71E-03	-1.34E-02	5.10E-04	-2.66E-02	0.00E+00	0.00E+00	-1.17E+00	-8.26E-04	-6.65E-05	-6.94E-03	0.00E+00	4.60E-20	-1.75E-09	-9.26E-08	1.72E-03	-1.57E+00	0.00E+00	0.00E+00	-1.96E+00	1.53E-19	-6.42E-01	0.00E+00	3.06E-09	-2.23E-08	-1.19E-03	0.00E+00	-3.31E-01	0.00E+00	-6.42E-01	-2.64E-05	-6.42E-01	-8.76E-01	-3.31E-01	0.00E+00	0.00E+00	0.00E+00	-8.20E+01
MX325	-3.17E-03	3.35E-02	1.38E-03	5.99E-02	0.00E+00	0.00E+00	-6.67E-01	-6.59E-04	1.11E-04	-6.24E-03	0.00E+00	4.60E-20	-1.57E-09	-8.96E-08	-8.04E-04	-1.16E+00	0.00E+00	0.00E+00	-1.46E+00	1.53E-19	2.03E-01	0.00E+00	7.70E-09	-1.51E-08	-7.47E-04	0.00E+00	-2.50E-01	0.00E+00	2.03E-01	-2.26E-05	2.03E-01	1.48E-01	-2.50E-01	0.00E+00	0.00E+00	0.00E+00	-7.01E+01
MX332	-1.05E-02	6.61E-02	-3.85E-06	1.28E-01	0.00E+00	0.00E+00	-2.66E+00	-2.16E-03	-2.42E-04	-5.55E-03	0.00E+00	4.60E-20	-3.20E-09	-2.33E-07	-4.91E-04	-1.99E+00	0.00E+00	0.00E+00	-3.06E+00	1.53E-19	3.21E-01	0.00E+00	8.72E-09	-5.98E-08	-1.74E-03	0.00E+00	-3.82E-01	0.00E+00	3.21E-01	-6.31E-05	3.21E-01	-1.92E-01	-3.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+02
MX340	-3.22E-02	-1.91E-01	-1.07E-03	-3.24E-01	0.00E+00	0.00E+00	-5.20E+00	-3.42E-03	-1.38E-03	-1.87E-02	0.00E+00	4.60E-20	-5.65E-09	-3.89E-07	-2.47E-03	-3.51E+00	0.00E+00	0.00E+00	-5.10E+00	1.53E-19	-8.90E-01	0.00E+00	3.08E-09	-7.16E-08	-6.20E-03	0.00E+00	-6.03E-01	0.00E+00	-8.90E-01	-9.94E-05	-8.90E-01	-1.47E+00	-6.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.29E+02
MX406	-7.41E-03	-1.98E-02	2.77E-03	2.77E-03	0.00E+00	0.00E+00	-7.56E-01	-9.35E-04	-1.32E-04	-4.00E-03	0.00E+00	4.60E-20	-1.83E-09	-1.01E-07	-2.34E-03	-1.39E+00	0.00E+00	0.00E+00	-1.67E+00	1.53E-19	-3.21E-01	0.00E+00	3.14E-09	-1.79E-08	-1.54E-03	0.00E+00	-2.74E-01	0.00E+00	-3.21E-01	-2.28E-05	-3.21E-01	-4.40E-01	-2.74E-01	0.00E+00	0.00E+00	0.00E+00	-7.38E+01
MX410	-6.96E-03	-3.91E-02	1.83E-03	-1.56E-02	0.00E+00	0.00E+00	-6.41E-01	-8.85E-04	-7.32E-05	-4.79E-03	0.00E+00	4.60E-20	-2.48E-09	-7.56E-08	-1.04E-03	-1.28E+00	0.00E+00	0.00E+00	-1.63E+00	1.53E-19	-6.96E-01	0.00E+00	2.20E-09	-2.19E-08	-1.31E-03	0.00E+00	-2.79E-01	0.00E+00	-6.96E-01	-1.68E-05	-6.96E-01	-9.79E-01	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	-7.20E+01
MX416	-5.66E-03	5.07E-02	3.13E-03	7.69E-02	0.00E+00	0.00E+00	-3.41E-01	-8.85E-04	4.29E-04	-3.74E-03	0.00E+00	4.60E-20	-2.31E-09	-5.20E-08	2.95E-04	-1.33E+00	0.00E+00	0.00E+00	-1.06E+00	1.53E-19	9.28E-02	0.00E+00	2.83E-09	-1.35E-08	-1.18E-03	0.00E+00	-2.29E-01	0.00E+00	9.28E-02	-1.71E-05	9.28E-02	-6.65E-03	-2.29E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
MX425	-1.65E-02	4.34E-02	2.81E-03	1.23E-01	0.00E+00	0.00E+00	-1.73E+00	-2.05E-03	3.41E-04	-8.26E-03	0.00E+00	4.60E-20	-2.12E-09	-2.15E-07	-2.93E-03	-1.95E+00	0.00E+00	0.00E+00	-2.22E+00	1.53E-19	4.05E-01	0.00E+00	7.90E-09	-3.76E-08	-2.60E-03	0.00E+00	-2.80E-01	0.00E+00	4.05E-01	-5.55E-05	4.05E-01	7.34E-02	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
MX432	-3.77E-02	-4.16E-02	-7.22E-04	1.41E-02	0.00E+00	0.00E+00	-5.13E+00	-4.36E-03	1.30E-03	-1.92E-02	0.00E+00	4.60E-20	-5.46E-09	-3.30E-07	-2.17E-03	-2.79E+00	0.00E+00	0.00E+00	-5.47E+00	1.53E-19	-1.52E+00	0.00E+00	3.09E-09	-7.45E-08	-6.12E-03	0.00E+00	-8.74E-01	0.00E+00	-1.52E+00	-1.06E-04	-1.52E+00	-2.44E+00	-8.74E-01	0.00E+00	0.00E+00	0.00E+00	-2.43E+02
MX440	-3.59E-02	-1.63E-01	-7.97E-04	-3.20E-01	0.00E+00	0.00E+00	-5.65E+00	-5.00E-03	3.81E-04	-2.46E-02	0.00E+00	4.60E-20	-6.51E-09	-3.91E-07	-1.78E-03	-3.55E+00	0.00E+00	0.00E+00	-5.53E+00	1.53E-19	-8.94E-01	0.00E+00	2.93E-09	-8.78E-08	-7.01E-03	0.00E+00	-7.86E-01	0.00E+00	-8.94E-01	-1.18E-04	-8.94E-01	-2.01E+00	-7.86E-01	0.00E+00	0.00E+00	0.00E+00	-2.50E+02
MXN106	-9.44E-04	1.91E-02	1.02E-03	2.38E-02	0.00E+00	0.00E+00	-3.18E-02	-8.88E-05	1.39E-04	-4.30E-04	0.00E+00	4.60E-20	-5.52E-10	-9.09E-09	-1.19E-03	-3.60E-01	0.00E+00	0.00E+00	-2.72E-01	1.53E-19	2.19E-02	0.00E+00	2.03E-09	-4.09E-09	-2.88E-04	0.00E+00	-6.47E-02	0.00E+00	2.19E-02	-2.56E-06	2.19E-02	-3.80E-02	-6.47E-02	0.00E+00	0.00E+00	0.00E+00	-1.25E+01
MXN110	-8.60E-04	1.24E-02	1.13E-03	2.07E-02	0.00E+00	0.00E+00	2.38E-02	-4.46E-05	1.21E-04	-3.95E-04	0.00E+00	4.60E-20	-5.54E-10	-4.55E-09	-2.44E-03	-4.39E-01	0.00E+00	0.00E+00	-2.68E-01	1.53E-19	1.14E-02	0.00E+00	1.95E-09	-4.31E-09	-2.96E-04	0.00E+00	-7.72E-02	0.00E+00	1.14E-02	-1.99E-06	1.14E-02	-4.26E-02	-7.72E-02	0.00E+00	0.00E+00	0.00E+00	-1.20E+01
MXN116	-8.19E-04	1.71E-02	9.11E-04	2.01E-02	0.00E+00	0.00E+00	-5.25E-03	-2.44E-05	1.17E-04	-4.02E-04	0.00E+00	4.60E-20	-5.56E-10	-6.48E-09	-1.54E-03	-4.29E-01	0.00E+00	0.00E+00	-2.66E-01	1.53E-19	1.21E-02	0.00E+00	2.45E-09	-3.55E-09	-2.82E-04	0.00E+00	-7.77E-02	0.00E+00	1.21E-02	-2.06E-06	1.21E-02	-3.50E-02	-7.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
MXN150	-6.55E-03	-1.11E-01	-2.35E-04	-5.56E-03	0.00E+00	0.00E+00	-1.28E+00	-7.91E-04	-1.95E-05	-2.54E-03	0.00E+00	4.60E-20	-1.13E-09	-7.05E-08	-3.31E-03	-1.30E+00	0.00E+00	0.00E+00	-1.15E+00	1.53E-19	-6.52E-01	0.00E+00	-5.13E-10	-1.28E-08	-1.42E-03	0.00E+00	-2.53E-01	0.00E+00	-6.52E-01	-2.14E-05	-6.52E-01	-1.10E+00	-2.53E-01	0.00E+00	0.00E+00	0.00E+00	-5.06E+01
MXN163	-2.89E-03	-8.57E-02	-1.33E-04	1.92E-02	0.00E+00	0.00E+00	-9.77E-01	-5.92E-04	3.89E-04	-2.05E-03	0.00E+00	4.60E-20	-1.03E-09	-5.81E-08	-3.45E-03	-1.03E+00	0.00E+00	0.00E+00	-9.35E-01	1.53E-19	-5.98E-01	0.00E+00	8.18E-10	-8.62E-09	-9.89E-04	0.00E+00	-2.22E-01	0.00E+00	-5.98E-01	-1.78E-05	-5.98E-01	-1.08E+00	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-4.01E+01
MXN210	-5.61E-03	1.84E-02	2.11E-03	1.80E-02	0.00E+00	0.00E+00	-1.18E-01	-2.92E-04	1.28E-04	-1.64E-03	0.00E+00	4.60E-20	-9.76E-10	-2.63E-08	-8.24E-03	-8.30E-01	0.00E+00	0.00E+00	-5.91E-01	1.53E-19	-3.29E-02	0.00E+00	2.97E-09	-7.74E-09	-5.68E-04	0.00E+00	-1.69E-01	0.00E+00	-3.29E-02	-8.90E-06	-3.29E-02	-9.06E-02	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-3.10E+01
MXN216	-3.19E-03	3.60E-04	1.55E-03	-3.34E-03	0.00E+00	0.00E+00	-3.78E-01	-3.52E-04	1.22E-04	-1.51E-03	0.00E+00	4.60E-20	-1.32E-09	-3.90E-08	-9.07E-03	-8.91E-01	0.00E+00	0.00E+00	-1.05E+00	1.53E-19	-2.18E-01	0.00E+00	2.03E-09	-1.03E-08	-8.28E-04	0.00E+00	-2.06E-01	0.00E+00	-2.18E-01	-1.24E-05	-2.18E-01	-4.15E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-4.81E+01
MXN220	-3.25E-03	-2.22E-02	1.01E-03	-4.27E-02	0.00E+00	0.00E+00	-5.81E-01	-3.60E-04	1.38E-04	-2.21E-03	0.00E+00	4.60E-20	-1.33E-09	-3.67E-08	-9.13E-03	-9.27E-01	0.00E+00	0.00E+00	-1.29E+00	1.53E-19	-3.53E-01	0.00E+00	1.28E-10	-1.24E-08	-9.44E-04	0.00E+00	-2.42E-01	0.00E+00	-3.53E-01	-1.44E-05	-3.53E-01	-5.78E-01	-2.42E-01	0.00E+00	0.00E+00	0.00E+00	-5.72E+01
MXN225	-2.58E-03	-5.12E-02	7.97E-05	-1.13E-01	0.00E+00	0.00E+00	-8.95E-01	-5.56E-04	1.08E-04	-3.12E-03	0.00E+00	4.60E-20	-1.68E-09	-3.63E-08	-8.69E-03	-9.58E-01	0.00E+00	0.00E+00	-1.43E+00	1.53E-19	-5.12E-01	0.00E+00	-2.49E-09	-1.48E-08	-1.15E-03	0.00E+00	-2.34E-01	0.00E+00	-5.12E-01	-1.29E-05	-5.12E-01	-7.98E-01	-2.34E-01	0.00E+00	0.00E+00	0.00E+00	-5.93E+01
MXN232	-1.43E-02	1.64E-02	8.53E-04	-3.59E-03	0.00E+00	0.00E+00	-2.35E+00	-1.03E-03	-1.28E-04	-8.58E-03	0.00E+00	4.60E-20	-2.47E-09	-1.59E-07	-3.57E-03	-1.83E+00	0.00E+00	0.00E+00	-2.22E+00	1.53E-19	-7.07E-03	0.00E+00	2.78E-09	-3.45E-08	-2.45E-03	0.00E+00	-3.37E-01	0.00E+00	-7.07E-03	-4.72E-05	-7.07E-03	-2.29E-01	-3.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
MXN240	-1.33E-02	1.10E-01	2.37E-03	1.26E-01	0.00E+00	0.00E+00	-1.95E+00	-9.53E-04	3.50E-04	-5.28E-03	0.00E+00	4.60E-20	-2.46E-09	-1.17E-07	2.18E-03	-1.37E+00	0.00E+00	0.00E+00	-1.80E+00	1.53E-19	2.26E-01	0.00E+00	6.23E-09	-3.05E-08	-1.66E-03	0.00E+00	-2.37E-01	0.00E+00	2.26E-01	-2.66E-05	2.26E-01	5.61E-03	-2.37E-01	0.00E+00	0.00E+00	0.00E+00	-8.68E+01
MXN250	-1.20E-02	-2.34E-01	-2.76E-03	-3.91E-02	0.00E+00	0.00E+00	-1.83E+00	-1.27E-03	-2.33E-04	-2.32E-03	0.00E+00	4.60E-20	-1.49E-09	-6.05E-08	-6.46E-03	-2.31E+00	0.00E+00	0.00E+00	-1.61E+00	1.53E-19	-1.84E+00	0.00E+00	-3.54E-09	-2.22E-08	-2.12E-03	0.00E+00	-4.68E-01	0.00E+00	-1.84E+00	-4.00E-05	-1.84E+00	-2.50E+00	-4.68E-01	0.00E+00	0.00E+00	0.00E+00	-7.69E+01
MXN263	-1.06E-02	-1.81E-01	-3.21E-03	7.72E-02	0.00E+00	0.00E+00	-1.70E+00	-1.24E-03	9.21E-05	-2.47E-03	0.00E+00	4.60E-20	-1.62E-09	-7.09E-08	-4.41E-03	-1.96E+00	0.00E+00	0.00E+00	-1.61E+00	1.53E-19	-1.93E+00	0.00E+00	-3.88E-09	-2.49E-08	-1.88E-03	0.00E+00	-4.12E-01	0.00E+00	-1.93E+00	-3.67E-05	-1.93E+00	-2.63E+00	-4.12E-01	0.00E+00	0.00E+00	0.00E+00	-8.01E+01
MXN310	-4.98E-03	1.42E-02	1.94E-03	4.07E-02	0.00E+00	0.00E+00	2.66E-01	-4.12E-04	1.13E-04	-1.54E-03	0.00E+00	4.60E-20	-1.48E-09	-3.88E-08	-1.80E-03	-1.09E+00	0.00E+00	0.00E+00	-5.28E-01	1.53E-19	1.70E-01	0.00E+00	4.18E-09	-8.17E-09	-5.19E-04	0.00E+00	-1.33E-01	0.00E+00	1.70E-01	-1.22E-05	1.70E-01	2.19E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.80E+01
MXN316	-6.00E-03	-6.02E-02	1.70E-03	-3.92E-02	0.00E+00	0.00E+00	-6.48E-01	-9.60E-04	-6.25E-05	-5.20E-03	0.00E+00	4.60E-20	-2.56E-09	-8.98E-08	-4.78E-03	-1.30E+00	0.00E+00	0.00E+00	-1.71E+00	1.53E-19	-4.41E-01	0.00E+00	7.27E-10	-2.82E-08	-1.28E-03	0.00E+00	-2.65E-01	0.00E+00	-4.41E-01	-2.56E-05	-4.41E-01	-6.35E-01	-2.65E-01	0.00E+00	0.00E+00	0.00E+00	-7.23E+01
MXN320	-2.58E-03	-1.92E-02	5.49E-04	-8.51E-02	0.00E+00	0.00E+00	2.45E-01	-6.14E-04	1.76E-04	-3.27E-03	0.00E+00	4.60E-20	-1.81E-09	-5.81E-08	-5.57E-03	-1.06E+00	0.00E+00	0.00E+00	-9.19E-01	1.53E-19	-2.79E-01	0.00E+00	2.57E-10	-1.62E-08	-1.28E-03	0.00E+00	-2.52E-01	0.00E+00	-2.79E-01	-1.42E-05	-2.79E-01	-7.16E-01	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	-4.40E+01
MXN325	-9.33E-03	-2.23E-02	1.30E-04	-5.44E-02	0.00E+00	0.00E+00	-1.37E+00	-1.14E-03	-2.41E-04	-7.10E-03	0.00E+00	4.60E-20	-2.54E-09	-1.18E-07	-8.54E-03	-1.25E+00	0.00E+00	0.00E+00	-2.09E+00	1.53E-19	-2.45E-01	0.00E+00	3.00E-09	-3.11E-08	-1.58E-03	0.00E+00	-3.23E-01	0.00E+00	-2.45E-01	-2.76E-05	-2.45E-01	-4.33E-01	-3.23E-01	0.00E+00	0.00E+00	0.00E+00	-9.58E+01
MXN350	-3.58E-02	-3.35E-01	-7.46E-03	-2.59E-02	0.00E+00	0.00E+00	-6.24E+00	-2.75E-03	-1.31E-03	-2.13E-02	0.00E+00	4.60E-20	-6.16E-09	-5.45E-07	-3.54E-03	-3.90E+00	0.00E+00	0.00E+00	-5.73E+00	1.53E-19	-3.30E+00	0.00E+00	-7.54E-09	-6.38E-08	-4.55E-03	0.00E+00	-8.16E-01	0.00E+00	-3.30E+00	-9.94E-05	-3.30E+00	-4.54E+00	-8.16E-01	0.00E+00	0.00E+00	0.00E+00	-2.53E+02
MXN363	-4.51E-02	-3.95E-01	-8.40E-03	-3.05E-01	0.00E+00	0.00E+00	-8.00E+00	-4.07E-03	-1.65E-03	-2.11E-02	0.00E+00	4.60E-20	-6.27E-09	-5.62E-07	-6.15E-03	-5.27E+00	0.00E+00	0.00E+00	-7.33E+00	1.53E-19	-3.63E+00	0.00E+00	-7.16E-09	-9.38E-08	-6.55E-03	0.00E+00	-9.56E-01	0.00E+00	-3.63E+00	-1.20E-04	-3.63E+00	-4.92E+00	-9.56E-01	0.00E+00	0.00E+00	0.00E+00	-3.21E+02
MXN406	-6.55E-03	5.57E-02	2.55E-03	1.10E-01	0.00E+00	0.00E+00	-8.28E-01	-7.69E-04	4.15E-04	-3.42E-03	0.00E+00	4.60E-20	-1.65E-09	-8.01E-08	-1.15E-03	-1.41E+00	0.00E+00	0.00E+00	-1.52E+00	1.53E-19	-2.77E-01	0.00E+00	2.27E-09	-9.67E-09	-9.73E-04	0.00E+00	-2.49E-01	0.00E+00	-2.77E-01	-2.41E-05	-2.77E-01	-4.17E-01	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	-7.06E+01
MXN410	-5.80E-03	1.59E-02	2.19E-03	3.90E-02	0.00E+00	0.00E+00	-5.92E-01	-6.10E-04	4.30E-04	-3.76E-03	0.00E+00	4.60E-20	-2.43E-09	-4.76E-08	-1.15E-03	-1.44E+00	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	-5.51E-01	0.00E+00	-5.97E-10	-1.46E-08	-9.57E-04	0.00E+00	-2.35E-01	0.00E+00	-5.51E-01	-1.43E-05	-5.51E-01	-6.39E-01	-2.35E-01	0.00E+00	0.00E+00	0.00E+00	-6.28E+01
MXN416	-3.11E-03	-2.30E-02	2.09E-03	-1.72E-02	0.00E+00	0.00E+00	2.70E-01	-7.28E-04	-4.74E-05	-4.00E-03	0.00E+00	4.60E-20	-2.61E-09	-3.17E-08	4.40E-04	-1.60E+00	0.00E+00	0.00E+00	-5.84E-01	1.53E-19	2.79E-01	0.00E+00	1.66E-09	-1.83E-08	-1.60E-03	0.00E+00	-2.01E-01	0.00E+00	2.79E-01	-1.30E-05	2.79E-01	4.18E-02	-2.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.71E+01
MXN420	-5.15E-03	-2.73E-03	2.75E-03	3.43E-02	0.00E+00	0.00E+00	5.30E-01	-8.37E-04	2.64E-05	-3.17E-03	0.00E+00	4.60E-20	-2.14E-09	-4.69E-08	-7.11E-04	-1.65E+00	0.00E+00	0.00E+00	-2.67E-01	1.53E-19	1.04E+00	0.00E+00	7.81E-09	-1.70E-08	-1.57E-03	0.00E+00	-1.33E-01	0.00E+00	1.04E+00	-1.35E-05	1.04E+00	7.52E-01	-1.33E-01	0.00E+00	0.00E+00	0.00E+00	-2.52E+01
MXN425	-1.63E-02	2.74E-02	1.55E-03	9.53E-02	0.00E+00	0.00E+00	-2.27E+00	-1.74E-03	4.58E-04	-7.85E-03	0.00E+00	4.60E-20	-2.12E-09	-2.31E-07	-4.47E-03	-1.86E+00	0.00E+00	0.00E+00	-2.61E+00	1.53E-19	4.94E-01	0.00E+00	4.90E-09	-3.69E-08	-2.60E-03	0.00E+00	-2.95E-01	0.00E+00	4.94E-01	-5.27E-05	4.94E-01	1.06E-01	-2.95E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
MXN432	-2.83E-02	-1.35E-01	-1.52E-03	-2.33E-01	0.00E+00	0.00E+00	-6.70E+00	-4.21E-03	-3.43E-04	-1.33E-02	0.00E+00	4.60E-20	-5.31E-09	-3.95E-07	-4.48E-03	-2.98E+00	0.00E+00	0.00E+00	-6.26E+00	1.53E-19	-1.62E+00	0.00E+00	3.53E-10	-5.47E-08	-4.83E-03	0.00E+00	-7.78E-01	0.00E+00	-1.62E+00	-9.29E-05	-1.62E+00	-2.63E+00	-7.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+02
MXN440	-3.67E-02	-1.65E-01	-6.50E-04	-2.91E-01	0.00E+00	0.00E+00	-4.58E+00	-4.78E-03	5.24E-04	-2.47E-02	0.00E+00	4.60E-20	-6.49E-09	-3.92E-07	-3.59E-03	-3.58E+00	0.00E+00	0.00E+00	-4.52E+00	1.53E-19	-3.49E-01	0.00E+00	2.98E-09	-8.58E-08	-6.85E-03	0.00E+00	-5.82E-01	0.00E+00	-3.49E-01	-1.16E-04	-3.49E-01	-8.69E-01	-5.82E-01	0.00E+00	0.00E+00	0.00E+00	-2.01E+02
MXN450	-3.98E-02	-2.79E-01	-9.25E-03	-1.82E-01	0.00E+00	0.00E+00	-8.81E+00	-5.48E-03	-5.04E-04	-1.96E-02	0.00E+00	4.60E-20	-6.76E-09	-5.67E-07	-7.60E-03	-5.73E+00	0.00E+00	0.00E+00	-7.48E+00	1.53E-19	-2.45E+00	0.00E+00	-6.92E-09	-9.44E-08	-6.78E-03	0.00E+00	-8.48E-01	0.00E+00	-2.45E+00	-1.18E-04	-2.45E+00	-3.41E+00	-8.48E-01	0.00E+00	0.00E+00	0.00E+00	-3.15E+02

MXN463	-6.24E-02	-3.56E-01	-1.01E-02	-2.13E-01	0.00E+00	0.00E+00	-7.81E+00	-5.99E-03	-2.72E-03	-3.34E-02	0.00E+00	4.60E-20	-8.55E-09	-6.87E-07	-1.52E-03	-6.59E+00	0.00E+00	0.00E+00	-7.22E+00	1.53E-19	-3.28E+00	0.00E+00	-8.45E-09	-1.13E-07	-9.70E-03	0.00E+00	-8.71E-01	0.00E+00	-3.28E+00	-1.70E-04	-3.28E+00	-4.25E+00	-8.71E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+02
MY101	-5.50E-03	-6.69E-02	4.34E-04	-3.09E-02	0.00E+00	0.00E+00	-8.06E-01	-5.91E-04	3.13E-05	-2.49E-03	0.00E+00	4.60E-20	-1.03E-09	-6.78E-08	-2.06E-03	-9.23E-01	0.00E+00	0.00E+00	-8.22E-01	1.53E-19	-2.39E-01	0.00E+00	7.47E-10	-1.22E-08	-1.12E-03	0.00E+00	-1.05E-01	0.00E+00	-2.39E-01	-1.87E-05	-2.39E-01	-4.15E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-3.62E+01
MY101E	-4.63E-03	-1.53E-01	-1.82E-03	-1.68E-01	0.00E+00	0.00E+00	-1.71E+00	-5.67E-04	-2.99E-04	-4.18E-03	0.00E+00	4.60E-20	-1.57E-09	-6.28E-08	-6.69E-03	-5.90E+00	0.00E+00	0.00E+00	-1.70E+00	1.53E-19	-1.09E+00	0.00E+00	-4.86E-09	-2.00E-08	-1.24E-03	0.00E+00	-7.98E-01	0.00E+00	-1.09E+00	-1.66E-05	-1.09E+00	-1.81E+00	-7.98E-01	0.00E+00	0.00E+00	0.00E+00	-7.45E+01
MY102	-5.78E-03	-6.19E-02	6.23E-04	-1.27E-02	0.00E+00	0.00E+00	-9.15E-01	-6.19E-04	4.83E-05	-2.63E-03	0.00E+00	4.60E-20	-1.03E-09	-5.87E-08	-2.35E-03	-9.19E-01	0.00E+00	0.00E+00	-8.33E-01	1.53E-19	-2.03E-01	0.00E+00	3.44E-10	-1.23E-08	-1.07E-03	0.00E+00	-1.36E-01	0.00E+00	-2.03E-01	-1.79E-05	-2.03E-01	-3.88E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-3.66E+01
MY102E	-4.44E-03	-1.52E-01	-1.50E-03	-1.69E-01	0.00E+00	0.00E+00	-1.67E+00	-5.38E-04	-2.91E-04	-4.10E-03	0.00E+00	4.60E-20	-1.55E-09	-5.99E-08	-6.67E-03	-5.89E+00	0.00E+00	0.00E+00	-1.71E+00	1.53E-19	-1.06E+00	0.00E+00	-4.84E-09	-1.96E-08	-1.20E-03	0.00E+00	-8.00E-01	0.00E+00	-1.06E+00	-1.57E-05	-1.06E+00	-1.77E+00	-8.00E-01	0.00E+00	0.00E+00	0.00E+00	-7.43E+01
MY103	-3.71E-03	2.25E-02	7.12E-04	2.55E-02	0.00E+00	0.00E+00	-7.70E-01	-5.52E-04	7.50E-05	-1.86E-03	0.00E+00	4.60E-20	-9.15E-10	-5.46E-08	-1.51E-03	-6.84E-01	0.00E+00	0.00E+00	-7.23E-01	1.53E-19	-1.53E-01	0.00E+00	1.21E-09	-9.43E-09	-8.74E-04	0.00E+00	-1.05E-01	0.00E+00	-1.53E-01	-1.63E-05	-1.53E-01	-3.29E-01	-1.05E-01	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
MY103E	-4.90E-03	-1.54E-01	-2.07E-03	-1.69E-01	0.00E+00	0.00E+00	-1.71E+00	-5.71E-04	-3.05E-04	-4.14E-03	0.00E+00	4.60E-20	-1.54E-09	-6.41E-08	-6.22E-03	-5.83E+00	0.00E+00	0.00E+00	-1.71E+00	1.53E-19	-1.08E+00	0.00E+00	-5.10E-09	-2.00E-08	-1.27E-03	0.00E+00	-8.11E-01	0.00E+00	-1.08E+00	-1.62E-05	-1.08E+00	-1.78E+00	-8.11E-01	0.00E+00	0.00E+00	0.00E+00	-7.48E+01
MY104	-4.62E-03	2.07E-02	4.33E-04	2.78E-02	0.00E+00	0.00E+00	-9.45E-01	-5.95E-04	5.96E-05	-2.32E-03	0.00E+00	4.60E-20	-1.05E-09	-6.14E-08	-1.82E-03	-9.04E-01	0.00E+00	0.00E+00	-9.42E-01	1.53E-19	-2.08E-01	0.00E+00	5.15E-10	-1.09E-08	-1.09E-03	0.00E+00	-1.70E-01	0.00E+00	-2.08E-01	-1.87E-05	-2.08E-01	-4.13E-01	-1.70E-01	0.00E+00	0.00E+00	0.00E+00	-4.15E+01
MY104E	-5.01E-03	-1.54E-01	-2.07E-03	-1.68E-01	0.00E+00	0.00E+00	-1.67E+00	-5.47E-04	-3.08E-04	-4.14E-03	0.00E+00	4.60E-20	-1.54E-09	-6.15E-08	-6.09E-03	-5.83E+00	0.00E+00	0.00E+00	-1.70E+00	1.53E-19	-1.08E+00	0.00E+00	-4.92E-09	-2.01E-08	-1.24E-03	0.00E+00	-8.06E-01	0.00E+00	-1.08E+00	-1.57E-05	-1.08E+00	-1.77E+00	-8.06E-01	0.00E+00	0.00E+00	0.00E+00	-7.50E+01
MY106	-1.08E-03	1.36E-02	1.44E-03	2.21E-02	0.00E+00	0.00E+00	-3.87E-02	-1.00E-04	1.32E-04	-5.27E-04	0.00E+00	4.60E-20	-6.90E-10	-1.30E-08	-2.08E-03	-4.08E-01	0.00E+00	0.00E+00	-2.91E-01	1.53E-19	1.99E-03	0.00E+00	1.32E-09	-4.76E-09	-3.87E-04	0.00E+00	-8.12E-02	0.00E+00	1.99E-03	-1.65E-06	1.99E-03	-3.90E-02	-8.12E-02	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
MY106E	-9.04E-04	1.39E-02	1.33E-03	2.42E-02	0.00E+00	0.00E+00	-9.17E-04	-9.10E-05	1.32E-04	-4.84E-04	0.00E+00	4.60E-20	-5.00E-10	-8.29E-09	-2.08E-03	-2.48E-01	0.00E+00	0.00E+00	-2.58E-01	1.53E-19	-1.65E-02	0.00E+00	1.36E-09	-3.82E-09	-3.56E-04	0.00E+00	-5.57E-02	0.00E+00	-1.65E-02	-1.33E-06	-1.65E-02	-5.36E-02	-5.57E-02	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
MY106P	-5.15E-03	-1.73E-01	-2.25E-03	-1.85E-01	0.00E+00	0.00E+00	-1.61E+00	-5.12E-04	-3.33E-04	-4.49E-03	0.00E+00	4.60E-20	-1.55E-09	-5.47E-08	-7.47E-03	-5.97E+00	0.00E+00	0.00E+00	-1.76E+00	1.53E-19	-1.28E+00	0.00E+00	-6.06E-09	-2.09E-08	-1.40E-03	0.00E+00	-1.02E+00	0.00E+00	-1.28E+00	-1.63E-05	-1.28E+00	-1.99E+00	-1.02E+00	0.00E+00	0.00E+00	0.00E+00	-7.34E+01
MY110	-1.10E-03	2.79E-02	1.19E-03	4.67E-02	0.00E+00	0.00E+00	-7.14E-02	-7.12E-05	1.11E-04	-5.68E-04	0.00E+00	4.60E-20	-5.46E-10	-8.54E-09	-2.05E-03	-4.45E-01	0.00E+00	0.00E+00	-3.16E-01	1.53E-19	-6.19E-02	0.00E+00	1.19E-09	-4.46E-09	-3.72E-04	0.00E+00	-6.79E-02	0.00E+00	-6.19E-02	-2.11E-06	-6.19E-02	-9.99E-02	-6.79E-02	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
MY110E	-2.97E-03	-1.75E-01	-2.18E-03	-1.60E-01	0.00E+00	0.00E+00	-1.29E+00	-2.90E-04	-2.27E-04	-2.66E-03	0.00E+00	4.60E-20	-1.17E-09	-3.92E-08	-5.86E-03	-5.50E+00	0.00E+00	0.00E+00	-1.48E+00	1.53E-19	-1.24E+00	0.00E+00	-6.10E-09	-1.65E-08	-9.34E-04	0.00E+00	-6.96E-01	0.00E+00	-1.24E+00	-8.70E-06	-1.24E+00	-1.95E+00	-6.96E-01	0.00E+00	0.00E+00	0.00E+00	-6.22E+01
MY110P	-2.97E-03	-1.75E-01	-2.18E-03	-1.60E-01	0.00E+00	0.00E+00	-1.29E+00	-2.82E-04	-2.27E-04	-2.66E-03	0.00E+00	4.60E-20	-1.17E-09	-3.92E-08	-5.86E-03	-5.50E+00	0.00E+00	0.00E+00	-1.47E+00	1.53E-19	-1.24E+00	0.00E+00	-6.10E-09	-1.65E-08	-9.34E-04	0.00E+00	-6.96E-01	0.00E+00	-1.24E+00	-8.63E-06	-1.24E+00	-1.95E+00	-6.96E-01	0.00E+00	0.00E+00	0.00E+00	-6.22E+01
MY113	-1.20E-03	3.57E-02	1.22E-03	3.99E-02	0.00E+00	0.00E+00	-9.35E-02	-1.03E-04	1.04E-04	-6.59E-04	0.00E+00	4.60E-20	-5.07E-10	-9.67E-09	-6.74E-04	-3.65E-01	0.00E+00	0.00E+00	-3.43E-01	1.53E-19	-1.97E-02	0.00E+00	2.41E-09	-4.75E-09	-3.35E-04	0.00E+00	-6.34E-02	0.00E+00	-1.97E-02	-3.39E-06	-1.97E-02	-3.19E-02	-6.34E-02	0.00E+00	0.00E+00	0.00E+00	-1.52E+01
MY116	-1.09E-03	3.49E-02	1.18E-03	3.48E-02	0.00E+00	0.00E+00	-9.39E-02	-4.66E-05	1.09E-04	-6.24E-04	0.00E+00	4.60E-20	-4.93E-10	-8.54E-09	-1.02E-03	-3.97E-01	0.00E+00	0.00E+00	-3.29E-01	1.53E-19	-4.94E-02	0.00E+00	1.73E-09	-4.47E-09	-3.95E-04	0.00E+00	-6.92E-02	0.00E+00	-4.94E-02	-1.75E-06	-4.94E-02	-1.02E-01	-6.92E-02	0.00E+00	0.00E+00	0.00E+00	-1.47E+01
MY116E	-6.38E-04	1.67E-02	1.05E-03	2.02E-02	0.00E+00	0.00E+00	-3.44E-04	-3.63E-05	1.49E-04	-3.87E-04	0.00E+00	4.60E-20	-5.11E-10	-1.30E-09	6.38E-04	-3.25E-01	0.00E+00	0.00E+00	-2.81E-01	1.53E-19	-1.08E-01	0.00E+00	1.14E-09	-3.38E-09	-2.20E-04	0.00E+00	-5.07E-02	0.00E+00	-1.08E-01	-1.22E-06	-1.08E-01	-1.96E-01	-5.07E-02	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
MY116P	-2.95E-03	-1.73E-01	-2.18E-03	-1.57E-01	0.00E+00	0.00E+00	-1.30E+00	-2.77E-04	-2.25E-04	-2.60E-03	0.00E+00	4.60E-20	-1.18E-09	-3.94E-08	-5.77E-03	-5.43E+00	0.00E+00	0.00E+00	-1.49E+00	1.53E-19	-1.24E+00	0.00E+00	-6.14E-09	-1.64E-08	-9.41E-04	0.00E+00	-6.95E-01	0.00E+00	-1.24E+00	-8.76E-06	-1.24E+00	-1.95E+00	-6.95E-01	0.00E+00	0.00E+00	0.00E+00	-6.28E+01
MY120	-1.71E-03	4.43E-02	5.93E-04	3.99E-02	0.00E+00	0.00E+00	-1.06E-01	-8.62E-05	7.93E-05	-1.89E-03	0.00E+00	4.60E-20	-4.77E-10	-2.73E-08	-6.63E-04	-2.97E-01	0.00E+00	0.00E+00	-3.21E-01	1.53E-19	3.39E-02	0.00E+00	2.66E-09	-4.91E-09	-7.10E-04	0.00E+00	-5.90E-02	0.00E+00	3.39E-02	-6.28E-06	3.39E-02	-1.83E-02	-5.90E-02	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
MY120E	-7.34E-04	1.69E-02	1.08E-03	1.85E-02	0.00E+00	0.00E+00	-5.30E-02	-4.47E-05	1.50E-04	-4.46E-04	0.00E+00	4.60E-20	-4.97E-10	1.12E-09	5.34E-04	-3.15E-01	0.00E+00	0.00E+00	-2.78E-01	1.53E-19	-1.12E-01	0.00E+00	1.77E-09	-3.69E-09	-1.99E-04	0.00E+00	-4.80E-02	0.00E+00	-1.12E-01	-9.30E-07	-1.12E-01	-1.97E-01	-4.80E-02	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
MY120P	-2.98E-03	-1.76E-01	-2.18E-03	-1.61E-01	0.00E+00	0.00E+00	-1.33E+00	-2.75E-04	-2.30E-04	-2.69E-03	0.00E+00	4.60E-20	-1.19E-09	-3.90E-08	-6.56E-03	-5.57E+00	0.00E+00	0.00E+00	-1.51E+00	1.53E-19	-1.24E+00	0.00E+00	-6.10E-09	-1.68E-08	-9.42E-04	0.00E+00	-7.24E-01	0.00E+00	-1.24E+00	-8.83E-06	-1.24E+00	-2.00E+00	-7.24E-01	0.00E+00	0.00E+00	0.00E+00	-6.32E+01
MY125	-1.41E-03	3.47E-02	1.81E-03	3.32E-02	0.00E+00	0.00E+00	-7.84E-02	-1.44E-04	1.49E-04	-9.68E-04	0.00E+00	4.60E-20	-5.53E-10	-1.90E-08	-1.05E-03	-2.98E-01	0.00E+00	0.00E+00	-4.01E-01	1.53E-19	8.80E-02	0.00E+00	4.38E-09	-3.97E-09	-2.48E-04	0.00E+00	-3.26E-02	0.00E+00	8.80E-02	-4.42E-06	8.80E-02	7.27E-02	-3.26E-02	0.00E+00	0.00E+00	0.00E+00	-1.84E+01
MY132	-9.35E-03	2.82E-02	6.97E-04	4.07E-02	0.00E+00	0.00E+00	-1.73E+00	-1.07E-03	-1.01E-04	-4.58E-03	0.00E+00	4.60E-20	-1.32E-09	-1.30E-07	-9.59E-04	-1.01E+00	0.00E+00	0.00E+00	-1.68E+00	1.53E-19	-6.45E-02	0.00E+00	1.83E-09	-1.91E-08	-1.41E-03	0.00E+00	-1.72E-01	0.00E+00	-6.45E-02	-3.19E-05	-6.45E-02	-2.19E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-7.25E+01
MY132E	-9.35E-03	2.82E-02	7.76E-04	3.98E-02	0.00E+00	0.00E+00	-1.72E+00	-1.06E-03	-9.99E-05	-4.57E-03	0.00E+00	4.60E-20	-1.32E-09	-1.30E-07	-8.77E-04	-1.01E+00	0.00E+00	0.00E+00	-1.68E+00	1.53E-19	-6.45E-02	0.00E+00	1.92E-09	-1.90E-08	-1.39E-03	0.00E+00	-1.71E-01	0.00E+00	-6.45E-02	-3.19E-05	-6.45E-02	-2.19E-01	-1.71E-01	0.00E+00	0.00E+00	0.00E+00	-7.24E+01
MY132P	-1.02E-02	-1.83E-01	-2.17E-03	-1.63E-01	0.00E+00	0.00E+00	-2.65E+00	-9.80E-04	-4.21E-04	-5.94E-03	0.00E+00	4.60E-20	-1.78E-09	-1.15E-07	-1.52E-02	-9.90E+00	0.00E+00	0.00E+00	-2.42E+00	1.53E-19	-1.27E+00	0.00E+00	-5.51E-09	-2.62E-08	-1.81E-03	0.00E+00	-1.48E+00	0.00E+00	-1.27E+00	-2.71E-05	-1.27E+00	-2.16E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E+02
MY140	-6.28E-03	3.62E-02	1.61E-03	5.89E-02	0.00E+00	0.00E+00	-1.46E+00	-7.72E-04	1.68E-04	-3.37E-03	0.00E+00	4.60E-20	-1.19E-09	-9.31E-08	-1.11E-03	-8.49E-01	0.00E+00	0.00E+00	-1.46E+00	1.53E-19	-1.87E-02	0.00E+00	4.36E-09	-1.45E-08	-9.27E-04	0.00E+00	-1.48E-01	0.00E+00	-1.87E-02	-2.32E-05	-1.87E-02	-1.42E-01	-1.48E-01	0.00E+00	0.00E+00	0.00E+00	-6.36E+01
MY140E	-9.68E-03	-1.84E-01	-2.17E-03	-1.61E-01	0.00E+00	0.00E+00	-2.61E+00	-9.81E-04	-4.04E-04	-5.77E-03	0.00E+00	4.60E-20	-1.77E-09	-1.15E-07	-1.52E-02	-9.88E+00	0.00E+00	0.00E+00	-2.37E+00	1.53E-19	-1.28E+00	0.00E+00	-5.41E-09	-2.59E-08	-1.76E-03	0.00E+00	-1.30E+00	0.00E+00	-1.28E+00	-2.67E-05	-1.28E+00	-2.16E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-9.95E+01
MY140P	-9.44E-03	-1.82E-01	-1.60E-03	-1.62E-01	0.00E+00	0.00E+00	-2.57E+00	-9.15E-04	-3.77E-04	-5.67E-03	0.00E+00	4.60E-20	-1.75E-09	-1.13E-07	-1.52E-02	-9.91E+00	0.00E+00	0.00E+00	-2.35E+00	1.53E-19	-1.26E+00	0.00E+00	-5.06E-09	-2.51E-08	-1.65E-03	0.00E+00	-1.48E+00	0.00E+00	-1.26E+00	-2.66E-05	-1.26E+00	-2.13E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-9.67E+01
MY150	-7.88E-03	-1.36E-01	-5.83E-04	-8.91E-02	0.00E+00	0.00E+00	-1.35E+00	-8.00E-04	-6.49E-05	-3.43E-03	0.00E+00	4.60E-20	-1.14E-09	-7.65E-08	-3.59E-03	-1.12E+00	0.00E+00	0.00E+00	-1.17E+00	1.53E-19	-6.94E-01	0.00E+00	-1.05E-09	-1.37E-08	-1.30E-03	0.00E+00	-2.73E-01	0.00E+00	-6.94E-01	-2.18E-05	-6.94E-01	-1.13E+00	-2.73E-01	0.00E+00	0.00E+00	0.00E+00	-5.10E+01
MY150E	-7.78E-03	-5.92E-02	2.13E-03	-5.29E-02	0.00E+00	0.00E+00	-1.92E+00	-9.21E-04	3.03E-04	-4.89E-03	0.00E+00	4.60E-20	-1.51E-09	-5.24E-08	-3.09E-03	-3.11E+00	0.00E+00	0.00E+00	-1.72E+00	1.53E-19	-2.62E-01	0.00E+00	-3.65E-10	-1.91E-08	-8.85E-04	0.00E+00	-6.24E-01	0.00E+00	-2.62E-01	-1.61E-05	-2.62E-01	-8.04E-01	-6.24E-01	0.00E+00	0.00E+00	0.00E+00	-8.20E+01
MY163	-5.18E-03	-1.10E-01	-5.04E-04	-7.64E-02	0.00E+00	0.00E+00	-1.08E+00	-6.44E-04	2.98E-04	-3.09E-03	0.00E+00	4.60E-20	-1.02E-09	-7.22E-08	-3.70E-03	-8.57E-01	0.00E+00	0.00E+00	-9.72E-01	1.53E-19	-6.50E-01	0.00E+00	8.85E-11	-1.04E-08	-1.01E-03	0.00E+00	-2.44E-01	0.00E+00	-6.50E-01	-2.04E-05	-6.50E-01	-1.10E+00	-2.44E-01	0.00E+00	0.00E+00	0.00E+00	-4.07E+01
MY163E	-9.38E-03	-8.24E-02	3.48E-04	-8.43E-02	0.00E+00	0.00E+00	-2.51E+00	-9.98E-04	3.37E-05	-5.74E-03	0.00E+00	4.60E-20	-1.62E-09	-7.35E-08	-2.71E-03	-2.86E+00	0.00E+00	0.00E+00	-2.08E+00	1.53E-19	-3.23E-01	0.00E+00	-3.82E-10	-2.29E-08	-1.24E-03	0.00E+00	-6.55E-01	0.00E+00	-3.23E-01	-2.35E-05	-3.23E-01	-1.06E+00	-6.55E-01	0.00E+00	0.00E+00	0.00E+00	-9.46E+01
MY201	-7.71E-03	-6.40E-02	3.33E-04	-4.28E-02	0.00E+00	0.00E+00	-1.61E+00	-7.17E-04	-3.45E-05	-3.68E-03	0.00E+00	4.60E-20	-1.97E-09	-9.89E-08	-6.31E-03	-1.80E+00	0.00E+00	0.00E+00	-1.70E+00	1.53E-19	-4.68E-01	0.00E+00	3.33E-10	-1.83E-08	-1.87E-03	0.00E+00	-3.47E-01	0.00E+00	-4.68E-01	-2.80E-05	-4.68E-01	-7.83E-01	-3.47E-01	0.00E+00	0.00E+00	0.00E+00	-7.51E+01
MY202	-9.20E-03	-6.58E-02	5.89E-04	-5.68E-02	0.00E+00	0.00E+00	-1.63E+00	-7.28E-04	-5.75E-05	-4.02E-03	0.00E+00	4.60E-20	-1.95E-09	-9.39E-08	-5.81E-03	-1.78E+00	0.00E+00	0.00E+00	-1.62E+00	1.53E-19	-3.87E-01	0.00E+00	3.66E-10	-1.92E-08	-1.95E-03	0.00E+00	-3.34E-01	0.00E+00	-3.87E-01	-2.72E-05	-3.87E-01	-6.89E-01	-3.34E-01	0.00E+00	0.00E+00	0.00E+00	-7.20E+01
MY202E	-6.83E-03	-4.12E-01	-4.63E-03	-2.35E-01	0.00E+00	0.00E+00	-2.98E+00	-9.49E-04	-5.08E-04	-5.51E-03	0.00E+00	4.60E-20	-2.57E-09	-8.14E-08	-9.11E-03	-6.23E+00	0.00E+00	0.00E+00	-2.89E+00	1.53E-19	-2.84E+00	0.00E+00	-1.02E-08	-3.02E-08	-2.03E-03	0.00E+00	-1.09E+00	0.00E+00	-2.84E+00	-2.14E-05	-2.84E+00	-4.47E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
MY203	-6.21E-03	2.31E-02	9.55E-04	1.55E-02	0.00E+00	0.00E+00	-1.33E+00	-7.48E-04	3.98E-05	-3.26E-03	0.00E+00	4.60E-20	-1.35E-09	-8.47E-08	-5.74E-03	-1.49E+00	0.00E+00	0.00E+00	-1.28E+00	1.53E-19	-3.03E-01	0.00E+00	2.05E-09	-1.32E-08	-1.62E-03	0.00E+00	-2.21E-01	0.00E+00	-3.03E-01	-2.72E-05	-3.03E-01	-5.22E-01	-2.21E-01	0.00E+00	0.00E+00	0.00E+00	-5.76E+01
MY203E	-6.59E-03	-4.12E-01	-4.54E-03	-2.38E-01	0.00E+00	0.00E+00	-2.97E+00	-9.62E-04	-5.32E-04	-5.68E-03	0.00E+00	4.60E-20	-2.57E-09	-9.67E-08	-8.97E-03	-6.29E+00	0.00E+00	0.00E+00	-2.91E+00	1.53E-19	-2.87E+00	0.00E+00	-9.78E-09	-3.07E-08	-2.02E-03	0.00E+00	-1.09E+00	0.00E+00	-2.87E+00	-2.56E-05	-2.87E+00	-4.51E+00	-1.09E+00	0.00E+00	0.00E+00	0.00E+00	-1.29E+02
MY204	-6.22E-03	2.34E-02	8.48E-04	1.63E-02	0.00E+00	0.00E+00	-1.44E+00	-7.28E-04	4.75E-05	-3.14E-03	0.00E+00	4.60E-20	-1.37E-09	-8.75E-08	-5.83E-03	-1.50E+00	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	-3.52E-01	0.00E+00	1.47E-09	-1.27E-08	-1.63E-03	0.00E+00	-2.41E-01	0.00E+00	-3.52E-01	-2.63E-05	-3.52E-01	-5.55E-01	-2.41E-01	0.00E+00	0.00E+00	0.00E+00	-6.22E+01
MY204E	-7.06E-03	-2.92E-01	-3.91E-03	-2.15E-01	0.00E+00	0.00E+00	-2.69E+00	-9.24E-04	-5.28E-04	-5.58E-03	0.00E+00	4.60E-20	-2.00E-09	-9.03E-08	-8.71E-03	-6.09E+00	0.00E+00	0.00E+00	-2.65E+00	1.53E-19	-2.03E+00	0.00E+00	-7.89E-09	-2.83E-08	-1.85E-03	0.00E+00	-9.38E-01	0.00E+00	-2.03E+00	-2.32E-05	-2.03E+00	-3.32E+00	-9.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.15E+02
MY206	-5.87E-03	1.50E-02	2.87E-03	2.40E-02	0.00E+00	0.00E+00	-1.98E-01	-3.18E-04	1.26E-04	-1.86E-03	0.00E+00	4.60E-20	-8.65E-10	-4.19E-08	-4.75E-03	-9.69E-01	0.00E+00	0.00E+00	-6.05E-01	1.53E-19	-1.14E-01	0.00E+00	3.40E-09	-9.35E-09	-6.88E-04	0.00E+00	-1.68E-01	0.00E+00	-1.14E-01	-1.20E-05	-1.14E-01	-1.01E-01	-1.68E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+01
MY206E	-5.20E-03	-3.66E-01	-3.49E-03	-2.79E-01	0.00E+00	0.00E+00	-1.66E+00	-5.30E-04	-3.33E-04	-4.41E-03	0.00E+00	4.60E-20	-1.92E-09	-6.35E-08	-1.01E-02	-6.69E+00	0.00E+00	0.00E+00	-2.07E+00	1.53E-19	-2.64E+00	0.00E+00	-1.02E-08	-2.52E-08	-1.56E-03	0.00E+00	-1.04E+00	0.00E+00	-2.64E+00	-1.70E-05	-2.64E+00	-4.10E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-8.47E+01
MY206P	-9.37E-03	-4.28E-01	-5.45E-03	-3.43E-01	0.00E+00	0.00E+00	-2.53E+00	-7.79E-04	-3.59E-04	-6.28E-03	0.00E+00	4.60E-20	-2.67E-09	-9.27E-08	-1.24E-02	-6.53E+00	0.00E+00	0.00E+00	-2.88E+00	1.53E-19	-3.82E+00	0.00E+00	-1.49E-08	-3.63E-08	-2.33E-03	0.00E+00	-1.40E+00	0.00E+00	-3.82E+00	-2.42E-05	-3.82E+00	-5.47E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
MY210	-5.43E-03	4.37E-02	3.14E-03	6.65E-02	0.00E+00	0.00E+00	-2.11E-01	-2.57E-04	9.42E-05	-1.72E-03	0.00E+00	4.60E-20	-7.68E-10	-3.20E-08	-2.91E-03	-9.32E-01	0.00E+00	0.00E+00	-7.91E-01	1.53E-19	-6.67E-02	0.00E+00	4.79E-09	-7.51E-09	-5.84E-04	0.00E+00	-1.69E-01	0.00E+00	-6.67E-02	-7.93E-06	-6.67E-02	-3.55E-02	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-3.82E+01
MY210P	-5.14E-03	-2.43E-01	-2.70E-03	-2.51E-01	0.00E+00	0.00E+00	-1.66E+00	-5.75E-04	-3.46E-04	-4.71E-03	0.00E+00	4.60E-20	-1.72E-09	-6.80E-08	-9.95E-03	-6.29E+00	0.00E+00	0.00E+00	-2.19E+00	1.53E-19	-1.89E+00	0.00E+00	-8.96E-09	-2.58E-08	-1.57E-03	0.00E+00	-8.70E-01	0.00E+00	-1.89E+00	-1.87E-05	-1.89E+00	-2.94E+00	-8.70E-01	0.00E+00	0.00E+00	0.00E+00	-9.04E+01
MY213	-5.47E-03	4.50E-02	2.86E-03	1.43E-02	0.00E+00	0.00E+00	-3.23E-01	-5.80E-04	8.60E-05	-2.31E-03	0.00E+00	4.60E-20	-1.08E-09	-6.25E-08	-7.16E-04	-1.14E+00	0.00E+00	0.00E+00	-9.63E-01	1.53E-19	-5.85E-02	0.00E+00	5.62E-09	-1.09E-08	-8.67E-04	0.00E+00	-1.84E-01	0.00E+00	-5.85E-02	-1.83E-05	-5.85E-02	-1.05E-02	-1.84E-01	0.00E+00	0.00E+00	0.00E+00	-4.35E+01
MY216	-3.42E-03	2.92E-02	2.47E-03	1.68E-02	0.00E+00	0.00E+00	-4.53E-01	-4.19E-04	8.41E-05	-1.69E-03	0.00E+00	4.60E-20	-1.02E-09	-4.67E-08	-4.25E-03	-9.60E-01	0.00E+00	0.00E+00	-1.17E+00	1.53E-19	-2.43E-01	0.00E+00	3.96E-09	-9.56E-09	-7.32E-04	0.00E+00	-2.06E-01	0.00E+00	-2.43E-01	-1.40E-05	-2.43E-01	-3.43E-01	-2.06E-01	0.00E+00	0.00E+00	0.00E+00	-5.23E+01
MY216P	-5.94E-03	-3.26E-01	-3.50E-03	-2.79E-01	0.00E+00	0.00E+00	-1.91E+00	-5.78E-04	-3.74E-04	-4.93E-03	0.00E+00	4.60E-20	-2.13E-09	-7.44E-08	-1.05E-02	-6.91E+00	0.00E+00	0.00E+00	-2.37E+00	1.53E-19	-2.58E+00	0.00E+00	-1.04E-08	-2.85E-08	-1.70E-03	0.00E+00	-1.06E+00	0.00E+00	-2.58E+00	-1.80E-05	-2.58E+00	-3.78E+00	-1.06E+00	0.00E+00	0.00E+00	0.00E+00	-1.00E+02
MY220	-2.99E-03	1.69E-02	1.86E-03	4.17E-03	0.00E+00	0.00E+00	-6.71E-01	-3.86E-04	7.14E-05	-1.90E-03	0.00E+00	4.60E-20	-1.07E-09	-4.22E-08	-3.15E-03	-9.82E-01	0.00E+00	0.00E+00	-1.31E+00	1.53E-19	-4.41E-01	0.00E+00	3.31E-09	-1.06E-08	-7.61E-04	0.00E+00	-2.10E-01	0.00E+00	-4.41E-01	-1.40E-05	-4.41E-01	-6.40E-01	-2.10E-01	0.00E+00	0.00E+00	0.00E+00	-5.78E+01
MY220E	-7.80E-03	-4.23E-01	-4.68E-03	-3.53E-01	0.00E+00	0.00E+00	-2.33E+00	-6.91E-04	-5.00E-04	-5.69E-03	0.00E+00	4.60E-20	-2.20E-09	-7.58E-08	-1.86E-02	-1.02E+01	0.00E+00	0.00E+00	-2.75E+00	1.53E-19	-3.12E+00	0.00E+00	-1.31E-08	-2.72E-08	-2.00E-03	0.00E+00	-1.48E+00	0.00E+00	-3.12E+00	-2.14E-05	-3.12E+00	-4.92E+00	-1.48E+00	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
MY220P	-8.61E-03	-4.25E-01	-5.25E-03	-3.58E-01	0.00E+00	0.00E+00	-2.25E+00	-6.55E-04	-4.08E-04	-5.70E-03	0.00E+00	4.60E-20	-2.40E-09	-8.53E-08	-1.92E-02	-1.10E+01	0.00E+00	0.00E+00	-2.67E+00	1.53E-19	-3.40E+00	0.00E+00	-1.30E-08	-2.87E-08	-2.27E-03	0.00E+00	-1.49E+00	0.00E+00	-3.40E+00	-2.37E-05	-3.40E+00	-5.00E+00	-1.49E+00	0.00E+00	0.00E+00	0.00E+00	-1.14E+02
MY225	-1.94E-03	-4.67E-03	1.64E-03	-3.25E-02	0.00E+00	0.00E+00	-4.79E-01	-5.21E-04	1.01E-04	-2.02E-03	0.00E+00	4.60E-20	-1.41E-09	-4.09E-08	-1.18E-03	-9.47E-01	0.00E+00	0.00E+00	-1.01E+00	1.53E-19	-2.01E-01	0.00E+00	3.26E-09	-1.16E-08	-8.17E-04	0.00E+00	-1.60E-01	0.00E+00	-2.01E-01	-1.49E-05	-2.01E-01	-3.59E-01	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-4.55E+01
MY225E	-1.13E-02	-4.52E-01	-4.81E-03	-3.66E-01	0.00E+00	0.00E+00	-3.55E+00	-1.08E-03	-6.53E-04	-8.74E-03	0.00E+00	4.60E-20	-2.87E-09	-1.40E-07	-2.10E-02	-1.18E+01	0.00E+00	0.00E+00	-3.57E+00	1.53E-19	-3.22E+00	0.00E+00	-1.34E-08	-3.85E-08	-2.87E-03	0.00E+00	-1.91E+00	0.00E+00	-3.22E+00	-3.68E-05	-3.22E+00	-5.45E+00	-1.91E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
MY225P	-1.24E-02	-4.54E-01	-5.45E-03	-3.80E-01	0.00E+00	0.00E+00	-3.61E+00	-1.13E-03	-5.48E-04	-8.79E-03	0.00E+00	4.60E-20	-3.14E-09	-1.28E-07	-2.19E-02	-1.24E+01	0.00E+00	0.00E+00	-3.56E+00	1.53E-19	-3.57E+00	0.00E+00	-1.38E-08	-3.94E-08	-2.82E-03	0.00E+00	-2.10E+00	0.00E+00	-3.57E+00	-3.78E-05	-3.57E+00	-5.59E+00	-2.10E+00	0.00E+00	0.00E+00	0.00E+00	-1.51E+02
MY232	-1.41E-02	1.11E-02	5.52E-04	-9.84E-03	0.00E+00	0.00E+00	-2.50E+00	-1.02E-03	-3.02E-04	-7.45E-03	0.00E+00	4.60E-20	-2.54E-09	-1.70E-07	-1.22E-03	-1.95E+00	0.00E+00	0.00E+00	-2.38E+00	1.53E-19	-2.52E-01	0.00E+00	1.45E-09	-3.24E-08	-2.28E-03	0.00E+00	-3.64E-01	0.00E+00	-2.52E-01	-3.95E-05	-2.52E-01	-5.19E-01	-3.64E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
MY232E	-1.28E-02	-4.88E-01	-5.09E-03	-4.40E-01	0.00E+00	0.00E+00	-3.71E+00	-1.18E-03	-6.64E-04	-9.63E-03	0.00E+00	4.60E-20	-2.97E-09	-1.48E-07	-2.12E-02	-1.29E+01	0.00E+00	0.00E+00	-3.67E+00	1.53E-19	-3.31E+00	0.00E+00	-1.47E-08	-3.91E-08	-2.95E-03	0.00E+00	-1.97E+00	0.00E+00	-3.31E+00	-3.94E-05	-3.31E+00	-5.56E+00	-1.97E+00	0.00E+00	0.00E+00	0.00E+00	-1.53E+02
MY232P	-1.42E-02	-4.51E-01	-5.33E-03	-3.92E-01	0.00E+00	0.00E+00	-3.78E+00	-1.11E-03	-5.38E-04	-1.00E-02	0.00E+00	4.60E-20	-3.10E-09	-1.54E-07	-2.19E-02	-1.36E+01	0.00E+00	0.00E+00	-3.61E+00	1.53E-19	-3.59E+00	0.00E+00	-1.30E-08	-4.09E-08	-3.03E-03	0.00E+00	-2.11E+00	0.00E+00	-3.59E+00	-3.88E-05	-3.59E+00	-5.56E+00	-2.11E+00	0.00E+00	0.00E+00	0.00E+00	-1.50E+02
MY240	-7.88E-03	4.92E-02	1.82E-03	7.41E-02	0.00E+00	0.00E+00	-1.57E+00	-6.37E-04	4.22E-04	-3.58E-03	0.00E+00	4.60E-20	-2.17E-09	-9.54E-08	-1.49E-03	-1.37E+00	0.00E+00	0.00E+00	-1.76E+00	1.53E-19	1.30E-01	0.00E+00	5.59E-09	-1.99E-08	-1.56E-03	0.00E+00	-2.91E-01	0.00E+00	1.30E-01	-3.03E-05	1.30E-01	-9.60E-02	-2.91E-01	0.00E+00	0.00E+00	0.00E+00	-8.11E+01
MY240E	-1.41E-02	-4.90E-01	-5.43E-03	-4.72E-01	0.00E+00	0.00E+00	-3.99E+00	-1.64E-03	-7.49E-04	-1.05E-02	0.00E+00	4.60E-20	-3.14E-09	-1.65E-07	-2.18E-02	-1.34E+01	0.00E+00	0.00E+00	-3.84E+00	1.53E-19	-3.44E+00	0.00E+00	-1.44E-08	-4.01E-08	-3.46E-03	0.00E+00	-2.12E+00	0.00E+00	-3.44E+00	-5.14E-05	-3.44E+00	-5.66E+00	-2.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
MY240P	-1.57E-02	-4.50E-01	-5.67E-03	-4.01E-01	0.00E+00	0.00E+00	-4.00E+00	-1.72E-03	-7.09E-04	-1.09E-02	0.00E+00	4.60E-20	-3.30E-09	-1.76E-07	-2.24E-02	-1.34E+01	0.00E+00	0.00E+00	-3.77E+00	1.53E-19	-3.61E+00	0.00E+00	-1.30E-08	-4.18E-08	-3.64E-03	0.00E+00	-2.25E+00	0.00E+00	-3.61E+00	-5.41E-05	-3.61E+00	-5.63E+00	-2.25E+00	0.00E+00	0.00E+00	0.00E+00	-1.59E+02
MY250	-1.05E-02	-2.47E-01	-2.82E-03	-1.24E-01	0.00E+00	0.00E+00	-1.60E+00	-1.27E-03	-8.77E-05	-3.82E-03	0.00E+00	4.60E-20	-1.57E-09	-7.81E-08	-6.72E-03	-2.16E+00	0.00E+00	0.00E+00	-1.51E+00	1.53E-19	-1.82E+00	0.00E+00	-3.39E-09	-1.95E-08	-1.93E-03	0.00E+00	-5.12E-01	0.00E+00	-1.82E+00	-2.88E-05	-1.82E+00	-2.54E+00	-5.12E-01	0.00E+00	0.00E+00	0.00E+00	-7.56E+01
MY250E	-5.19E-03	-1.14E-01	2.38E-03	-1.21E-01	0.00E+00	0.00E+00	-2.43E+00	-7.80E-04	3.13E-04	-3.80E-03	0.00E+00	4.60E-20	-1.76E-09	-3.35E-08	-1.83E-03	-3.14E+00	0.00E+00	0.00E+00	-2.34E+00	1.53E-19	-3.70E-01	0.00E+00	-3.20E-10	-2.02E-08	-1.15E-03	0.00E+00	-7.67E-01	0.00E+00	-3.70E-01	-2.02E-05	-3.70E-01	-9.75E-01	-7.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
MY263	-8.60E-03	-2.00E-01	-3.20E-03	-4.97E-02	0.00E+00	0.00E+00	-1.68E+00	-1.46E-03	1.27E-04	-2.64E-03	0.00E+00	4.60E-20	-1.60E-09	-1.02E-07	-4.65E-03	-1.79E+00	0.00E+00	0.00E+00	-1.63E+00	1.53E-19	-1.72E+00	0.00E+00	-2.04E-09	-4.05E-08	-1.74E-03	0.00E+00	-4.43E-01	0.00E+00	-1.72E+00	-3.93E-05	-1.72E+00	-2.28E+00	-4.43E-01	0.00E+00	0.00E+00	0.00E+00	-8.22E+01
MY263E	-3.75E-03	-9.13E-02	9.32E-04	-1.44E-01	0.00E+00	0.00E+00	-3.67E+00	-1.77E-03	-2.32E-04	-3.75E-03	0.00E+00	4.60E-20	-2.68E-09	-6.54E-08	-4.75E-04	-3.07E+00	0.00E+00	0.00E+00	-2.96E+00	1.53E-19	-1.32E-01	0.00E+00	1.83E-09	-4.30E-08	-1.43E-03	0.00E+00	-7.78E-01	0.00E+00	-1.32E-01	-3.02E-05	-1.32E-01	-9.38E-01	-7.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
MY301	-1.64E-02	-1.71E-01	-7.93E-04	-8.90E-02	0.00E+00	0.00E+00	-2.53E+00	-1.50E-03	-4.43E-04	-7.98E-03	0.00E+00	4.60E-20	-3.34E-09	-1.72E-07	-7.72E-03	-2.94E+00	0.00E+00	0.00E+00	-3.24E+00	1.53E-19	-1.33E+00	0.00E+00	-3.61E-09	-3.98E-08	-2.70E-03	0.00E+00	-6.04E-01	0.00E+00	-1.33E+00	-4.27E-05	-1.33E+00	-1.96E+00	-6.04E-01	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
MY301E	-1.63E-02	-4.48E-01	-6.91E-03	-2.88E-01	0.00E+00	0.00E+00	-3.83E+00	-1.37E-03	-6.24E-04	-1.01E-02	0.00E+00	4.60E-20	-3.53E-09	-1.74E-07	-1.16E-02	-5.59E+00	0.00E+00	0.00E+00	-4.41E+00	1.53E-19	-4.18E+00	0.00E+00	-1.50E-08	-4.79E-08	-3.07E-03	0.00E+00	-1.12E+00	0.00E+00	-4.18E+00	-4.05E-05	-4.18E+00	-5.68E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.93E+02
MY302	-1.44E-02	-1.78E-01	-4.13E-04	-9.22E-02	0.00E+00	0.00E+00	-2.54E+00	-1.44E-03	-3.96E-04	-7.12E-03	0.00E+00	4.60E-20	-3.37E-09	-1.52E-07	-5.16E-03	-2.79E+00	0.00E+00	0.00E+00	-3.19E+00	1.53E-19	-1.20E+00	0.00E+00	-1.87E-09	-3.55E-08	-2.73E-03	0.00E+00	-5.80E-01	0.00E+00	-1.20E+00	-4.01E-05	-1.20E+00	-1.82E+00	-5.80E-01	0.00E+00	0.00E+00	0.00E+00	-1.52E+02
MY303	-1.49E-02	-1.06E-01	-8.01E-04	-6.39E-02	0.00E+00	0.00E+00	-2.52E+00	-1.51E-03	-4.21E-04	-7.86E-03	0.00E+00	4.60E-20	-3.60E-09	-1.77E-07	-5.92E-03	-2.86E+00	0.00E+00	0.00E+00	-3.36E+00	1.53E-19	-1.26E+00	0.00E+00	-2.92E-09	-4.04E-08	-2.63E-03	0.00E+00	-5.83E-01	0.00E+00	-1.26E+00	-4.72E-05	-1.26E+00	-1.83E+00	-5.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.58E+02
MY304	-1.26E-02	-1.07E-01	-7.29E-04	-7.34E-02	0.00E+00	0.00E+00	-2.53E+00	-1.48E-03	-4.50E-04	-7.35E-03	0.00E+00	4.60E-20	-3.50E-09	-1.76E-07	-6.06E-03	-2.95E+00	0.00E+00	0.00E+00	-3.24E+00	1.53E-19	-8.94E-01	0.00E+00	-2.06E-09	-3.95E-08	-2.54E-03	0.00E+00	-5.48E-01	0.00E+00	-8.94E-01	-4.85E-05	-8.94E-01	-1.31E+00	-5.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.53E+02
MY306	-6.27E-03	4.98E-03	3.33E-03	1.27E-03	0.00E+00	0.00E+00	-2.54E-02	-7.67E-04	1.04E-04	-3.28E-03	0.00E+00	4.60E-20	-1.09E-09	-7.83E-08	6.26E-04	-1.32E+00	0.00E+00	0.00E+00	-1.10E+00	1.53E-19	-1.95E-01	0.00E+00	2.58E-09	-1.35E-08	-1.18E-03	0.00E+00	-2.34E-01	0.00E+00	-1.95E-01	-2.23E-05	-1.95E-01	-3.76E-01	-2.34E-01	0.00E+00	0.00E+00	0.00E+00	-5.03E+01
MY306E	-4.27E-03	1.25E-02	3.02E-03	-3.58E-03	0.00E+00	0.00E+00	-3.79E-01	-7.18E-04	7.05E-05	-3.02E-03	0.00E+00	4.60E-20	-9.61E-10	-7.97E-08	1.44E-04	-1.26E+00	0.00E+00	0.00E+00	-1.36E+00	1.53E-19	-1.46E-01	0.00E+00	2.95E-09	-1.08E-08	-1.04E-03	0.00E+00	-2.49E-01	0.00E+00	-1.46E-01	-2.31E-05	-1.46E-01	-3.24E-01	-2.49E-01	0.00E+00	0.00E+00	0.00E+00	-5.90E+01
MY306P	-1.13E-02	-4.49E-01	-7.74E-03	-4.06E-01	0.00E+00	0.00E+00	-3.28E+00	-1.29E-03	-4.33E-04	-7.86E-03	0.00E+00	4.60E-20	-3.32E-09	-1.69E-07	-1.34E-02	-6.37E+00	0.00E+00	0.00E+00	-3.98E+00	1.53E-19	-4.41E+00	0.00E+00	-1.90E-08	-4.38E-08	-2.46E-03	0.00E+00	-1.54E+00	0.00E+00	-4.41E+00	-4.01E-05	-4.41E+00	-6.02E+00	-1.54E+00	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
MY310	-5.37E-03	-1.21E-03	3.09E-03	1.96E-05	0.00E+00	0.00E+00	-2.70E-01	-6.80E-04	8.40E-05	-3.94E-03	0.00E+00	4.60E-20	-1.21E-09	-6.70E-08	1.72E-03	-1.44E+00	0.00E+00	0.00E+00	-1.44E+00	1.53E-19	-6.27E-01	0.00E+00	8.96E-10	-1.29E-08	-1.20E-03	0.00E+00	-2.82E-01	0.00E+00	-6.27E-01	-1.55E-05	-6.27E-01	-8.57E-01	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-6.65E+01
MY310P	-7.00E-03	-2.62E-01	-6.02E-03	-2.71E-01	0.00E+00	0.00E+00	-2.11E+00	-7.07E-04	-4.76E-04	-5.69E-03	0.00E+00	4.60E-20	-2.10E-09	-8.67E-08	-9.95E-03	-6.34E+00	0.00E+00	0.00E+00	-2.56E+00	1.53E-19	-2.52E+00	0.00E+00	-1.41E-08	-3.11E-08	-1.80E-03	0.00E+00	-9.35E-01	0.00E+00	-2.52E+00	-1.97E-05	-2.52E+00	-3.30E+00	-9.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+02
MY313	-6.37E-03	-1.97E-02	1.64E-03	-3.10E-02	0.00E+00	0.00E+00	-1.01E+00	-6.89E-04	4.47E-05	-4.64E-03	0.00E+00	4.60E-20	-1.65E-09	-7.20E-08	1.41E-03	-1.45E+00	0.00E+00	0.00E+00	-2.01E+00	1.53E-19	-8.06E-01	0.00E+00	1.76E-09	-1.77E-08	-1.29E-03	0.00E+00	-3.32E-01	0.00E+00	-8.06E-01	-2.06E-05	-8.06E-01	-9.72E-01	-3.32E-01	0.00E+00	0.00E+00	0.00E+00	-8.68E+01
MY316	-5.09E-03	-2.47E-02	1.14E-03	-2.00E-02	0.00E+00	0.00E+00	-1.02E+00	-6.76E-04	-1.77E-05	-6.20E-03	0.00E+00	4.60E-20	-1.66E-09	-8.01E-08	1.33E-03	-1.42E+00	0.00E+00	0.00E+00	-1.99E+00	1.53E-19	-7.82E-01	0.00E+00	9.78E-10	-1.99E-08	-1.20E-03	0.00E+00	-3.27E-01	0.00E+00	-7.82E-01	-2.20E-05	-7.82E-01	-9.61E-01	-3.27E-01	0.00E+00	0.00E+00	0.00E+00	-8.56E+01
MY316P	-9.07E-03	-3.38E-01	-6.20E-03	-3.07E-01	0.00E+00	0.00E+00	-2.39E+00	-8.17E-04	-5.30E-04	-6.31E-03	0.00E+00	4.60E-20	-2.50E-09	-9.28E-08	-1.06E-02	-6.88E+00	0.00E+00	0.00E+00	-2.78E+00	1.53E-19	-3.53E+00	0.00E+00	-1.55E-08	-3.46E-08	-1.96E-03	0.00E+00	-1.12E+00	0.00E+00	-3.53E+00	-2.33E-05	-3.53E+00	-4.55E+00	-1.12E+00	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
MY320	-5.19E-03	-1.94E-02	6.23E-04	-4.04E-02	0.00E+00	0.00E+00	-1.40E+00	-8.04E-04	-1.43E-04	-7.18E-03	0.00E+00	4.60E-20	-1.66E-09	-8.71E-08	2.08E-03	-1.69E+00	0.00E+00	0.00E+00	-2.05E+00	1.53E-19	-7.20E-01	0.00E+00	2.84E-09	-1.96E-08	-1.22E-03	0.00E+00	-3.69E-01	0.00E+00	-7.20E-01	-2.40E-05	-7.20E-01	-1.05E+00	-3.69E-01	0.00E+00	0.00E+00	0.00E+00	-8.81E+01
MY320E	-1.52E-02	-4.65E-01	-7.38E-03	-4.46E-01	0.00E+00	0.00E+00	-3.22E+00	-1.31E-03	-7.74E-04	-1.01E-02	0.00E+00	4.60E-20	-4.02E-09	-1.58E-07	-2.23E-02	-1.40E+01	0.00E+00	0.00E+00	-4.20E+00	1.53E-19	-4.62E+00	0.00E+00	-2.05E-08	-4.73E-08	-3.23E-03	0.00E+00	-1.63E+00	0.00E+00	-4.62E+00	-4.31E-05	-4.62E+00	-6.21E+00	-1.63E+00	0.00E+00	0.00E+00	0.00E+00	-1.79E+02
MY320P	-1.30E-02	-4.33E-01	-7.90E-03	-3.76E-01	0.00E+00	0.00E+00	-3.00E+00	-1.23E-03	-5.80E-04	-8.90E-03	0.00E+00	4.60E-20	-3.80E-09	-1.46E-07	-2.18E-02	-1.40E+01	0.00E+00	0.00E+00	-3.94E+00	1.53E-19	-4.38E+00	0.00E+00	-1.95E-08	-3.94E-08	-2.77E-03	0.00E+00	-1.57E+00	0.00E+00	-4.38E+00	-4.32E-05	-4.38E+00	-5.79E+00	-1.57E+00	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
MY325	-3.15E-03	3.35E-02	1.38E-03	6.19E-02	0.00E+00	0.00E+00	-6.48E-01	-6.58E-04	1.11E-04	-6.26E-03	0.00E+00	4.60E-20	-1.54E-09	-8.68E-08	-8.04E-04	-1.15E+00	0.00E+00	0.00E+00	-1.41E+00	1.53E-19	2.03E-01	0.00E+00	7.66E-09	-1.32E-08	-7.02E-04	0.00E+00	-2.47E-01	0.00E+00	2.03E-01	-2.25E-05	2.03E-01	1.50E-01	-2.47E-01	0.00E+00	0.00E+00	0.00E+00	-6.78E+01

MY325E	-1.93E-02	-4.95E-01	-7.57E-03	-5.10E-01	0.00E+00	0.00E+00	-4.45E+00	-1.98E-03	-1.05E-03	-1.39E-02	0.00E+00	4.60E-20	-4.55E-09	-2.28E-07	-2.56E-02	-1.65E+01	0.00E+00	0.00E+00	-5.00E+00	1.53E-19	-4.75E+00	0.00E+00	-2.03E-08	-5.94E-08	-4.27E-03	0.00E+00	-2.37E+00	0.00E+00	-4.75E+00	-6.40E-05	-4.75E+00	-6.95E+00	-2.37E+00	0.00E+00	0.00E+00	0.00E+00	-2.13E+02
MY325P	-1.81E-02	-4.74E-01	-8.11E-03	-4.92E-01	0.00E+00	0.00E+00	-4.28E+00	-1.96E-03	-8.45E-04	-1.26E-02	0.00E+00	4.60E-20	-4.46E-09	-2.11E-07	-2.51E-02	-1.64E+01	0.00E+00	0.00E+00	-4.75E+00	1.53E-19	-4.57E+00	0.00E+00	-1.93E-08	-5.16E-08	-3.65E-03	0.00E+00	-2.54E+00	0.00E+00	-4.57E+00	-5.95E-05	-4.57E+00	-6.75E+00	-2.54E+00	0.00E+00	0.00E+00	0.00E+00	-2.07E+02
MY332	-1.11E-02	6.36E-02	-1.85E-04	1.26E-01	0.00E+00	0.00E+00	-2.94E+00	-2.31E-03	-3.59E-04	-5.53E-03	0.00E+00	4.60E-20	-3.23E-09	-2.49E-07	-6.06E-04	-2.09E+00	0.00E+00	0.00E+00	-3.21E+00	1.53E-19	2.23E-01	0.00E+00	8.28E-09	-6.02E-08	-1.85E-03	0.00E+00	-3.86E-01	0.00E+00	2.23E-01	-6.73E-05	2.23E-01	-2.78E-01	-3.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+02
MY332E	-1.34E-02	-5.25E-04	-1.17E-03	1.13E-01	0.00E+00	0.00E+00	-3.02E+00	-2.50E-03	-5.10E-04	-6.28E-03	0.00E+00	4.60E-20	-3.51E-09	-2.49E-07	-5.15E-04	-2.92E+00	0.00E+00	0.00E+00	-3.23E+00	1.53E-19	-5.93E-01	0.00E+00	6.70E-09	-5.88E-08	-1.91E-03	0.00E+00	-4.55E-01	0.00E+00	-5.93E-01	-6.94E-05	-5.93E-01	-1.04E+00	-4.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.56E+02
MY332P	-2.37E-02	-4.76E-01	-8.31E-03	-4.94E-01	0.00E+00	0.00E+00	-5.71E+00	-2.66E-03	-1.14E-03	-1.44E-02	0.00E+00	4.60E-20	-4.78E-09	-2.67E-07	-2.48E-02	-1.69E+01	0.00E+00	0.00E+00	-5.64E+00	1.53E-19	-4.59E+00	0.00E+00	-1.92E-08	-6.45E-08	-4.59E-03	0.00E+00	-2.56E+00	0.00E+00	-4.59E+00	-6.78E-05	-4.59E+00	-6.80E+00	-2.56E+00	0.00E+00	0.00E+00	0.00E+00	-2.48E+02
MY340	-3.35E-02	-1.49E-01	-5.56E-04	-3.23E-01	0.00E+00	0.00E+00	-5.26E+00	-3.42E-03	-1.38E-03	-1.97E-02	0.00E+00	4.60E-20	-5.59E-09	-3.89E-07	-3.25E-03	-3.23E+00	0.00E+00	0.00E+00	-5.15E+00	1.53E-19	-6.03E-01	0.00E+00	3.80E-09	-7.22E-08	-6.33E-03	0.00E+00	-5.61E-01	0.00E+00	-6.03E-01	-1.00E-04	-6.03E-01	-1.33E+00	-5.61E-01	0.00E+00	0.00E+00	0.00E+00	-2.34E+02
MY340E	-3.19E-02	-5.01E-01	-8.75E-03	-5.51E-01	0.00E+00	0.00E+00	-6.91E+00	-3.46E-03	-1.50E-03	-2.00E-02	0.00E+00	4.60E-20	-5.48E-09	-3.95E-07	-2.51E-02	-1.71E+01	0.00E+00	0.00E+00	-6.62E+00	1.53E-19	-4.64E+00	0.00E+00	-1.94E-08	-8.02E-08	-6.01E-03	0.00E+00	-2.39E+00	0.00E+00	-4.64E+00	-9.70E-05	-4.64E+00	-6.89E+00	-2.39E+00	0.00E+00	0.00E+00	0.00E+00	-2.78E+02
MY350	-2.55E-02	-3.32E-01	-7.70E-03	-9.12E-02	0.00E+00	0.00E+00	-5.70E+00	-2.16E-03	-7.63E-04	-1.03E-02	0.00E+00	4.60E-20	-5.17E-09	-3.73E-07	-2.09E-03	-3.53E+00	0.00E+00	0.00E+00	-5.55E+00	1.53E-19	-3.44E+00	0.00E+00	-6.46E-09	-5.94E-08	-3.05E-03	0.00E+00	-8.50E-01	0.00E+00	-3.44E+00	-8.48E-05	-3.44E+00	-4.59E+00	-8.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.49E+02
MY350E	-2.49E-02	-3.33E-01	-7.63E-03	-8.63E-02	0.00E+00	0.00E+00	-5.67E+00	-2.19E-03	-7.65E-04	-9.67E-03	0.00E+00	4.60E-20	-5.16E-09	-3.75E-07	-2.22E-03	-3.50E+00	0.00E+00	0.00E+00	-5.54E+00	1.53E-19	-3.44E+00	0.00E+00	-6.46E-09	-5.95E-08	-2.94E-03	0.00E+00	-8.50E-01	0.00E+00	-3.44E+00	-8.82E-05	-3.44E+00	-4.62E+00	-8.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+02
MY363	-4.09E-02	-3.93E-01	-8.15E-03	-3.99E-01	0.00E+00	0.00E+00	-7.43E+00	-3.85E-03	-1.40E-03	-2.17E-02	0.00E+00	4.60E-20	-6.41E-09	-5.56E-07	-3.22E-03	-4.34E+00	0.00E+00	0.00E+00	-6.82E+00	1.53E-19	-3.71E+00	0.00E+00	-5.62E-09	-8.15E-08	-6.14E-03	0.00E+00	-9.54E-01	0.00E+00	-3.71E+00	-1.25E-04	-3.71E+00	-4.91E+00	-9.54E-01	0.00E+00	0.00E+00	0.00E+00	-3.01E+02
MY363E	-2.60E-02	-1.39E-01	2.19E-03	-1.14E-01	0.00E+00	0.00E+00	-5.26E+00	-3.24E-03	-1.12E-03	-1.50E-02	0.00E+00	4.60E-20	-4.93E-09	-3.46E-07	1.04E-03	-2.71E+00	0.00E+00	0.00E+00	-4.51E+00	1.53E-19	2.41E-01	0.00E+00	7.13E-09	-4.76E-08	-4.60E-03	0.00E+00	-5.47E-01	0.00E+00	2.41E-01	-8.45E-05	2.41E-01	7.28E-02	-5.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
MY410P	-9.45E-03	-3.19E-01	-7.98E-03	-3.84E-01	0.00E+00	0.00E+00	-2.71E+00	-1.03E-03	-4.57E-04	-6.65E-03	0.00E+00	4.60E-20	-2.59E-09	-1.08E-07	-1.05E-02	-5.67E+00	0.00E+00	0.00E+00	-3.34E+00	1.53E-19	-2.81E+00	0.00E+00	-1.56E-08	-3.58E-08	-1.97E-03	0.00E+00	-1.04E+00	0.00E+00	-2.81E+00	-2.85E-05	-2.81E+00	-3.89E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
MY416P	-9.15E-03	-3.14E-01	-8.14E-03	-3.89E-01	0.00E+00	0.00E+00	-2.86E+00	-1.06E-03	-5.62E-04	-8.11E-03	0.00E+00	4.60E-20	-2.90E-09	-1.09E-07	-1.07E-02	-5.70E+00	0.00E+00	0.00E+00	-3.46E+00	1.53E-19	-2.85E+00	0.00E+00	-1.53E-08	-3.70E-08	-2.24E-03	0.00E+00	-1.05E+00	0.00E+00	-2.85E+00	-3.08E-05	-2.85E+00	-3.90E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-1.49E+02
MY420E	-7.76E-03	5.54E-02	3.11E-03	1.13E-01	0.00E+00	0.00E+00	-1.98E-01	-1.00E-03	4.32E-04	-4.32E-03	0.00E+00	4.60E-20	-1.96E-09	-5.85E-08	-7.04E-04	-1.54E+00	0.00E+00	0.00E+00	-7.95E-01	1.53E-19	7.89E-01	0.00E+00	8.87E-09	-1.47E-08	-1.19E-03	0.00E+00	-1.77E-01	0.00E+00	7.89E-01	-1.86E-05	7.89E-01	6.08E-01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-4.33E+01
MY420P	-1.40E-02	-4.66E-01	-9.38E-03	-4.71E-01	0.00E+00	0.00E+00	-3.40E+00	-1.05E-03	-3.32E-04	-7.10E-03	0.00E+00	4.60E-20	-3.76E-09	-1.12E-07	-2.05E-02	-1.40E+01	0.00E+00	0.00E+00	-4.03E+00	1.53E-19	-4.51E+00	0.00E+00	-2.01E-08	-3.41E-08	-2.76E-03	0.00E+00	-1.85E+00	0.00E+00	-4.51E+00	-4.02E-05	-4.51E+00	-6.25E+00	-1.85E+00	0.00E+00	0.00E+00	0.00E+00	-1.86E+02
MY425E	-1.69E-02	3.96E-02	2.46E-03	1.20E-01	0.00E+00	0.00E+00	-1.82E+00	-2.05E-03	2.81E-04	-8.31E-03	0.00E+00	4.60E-20	-2.12E-09	-2.16E-07	-2.83E-03	-2.13E+00	0.00E+00	0.00E+00	-2.40E+00	1.53E-19	1.50E-01	0.00E+00	7.37E-09	-3.76E-08	-2.69E-03	0.00E+00	-3.07E-01	0.00E+00	1.50E-01	-5.55E-05	1.50E-01	-1.90E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
MY425P	-2.37E-02	-4.80E-01	-9.38E-03	-4.97E-01	0.00E+00	0.00E+00	-6.30E+00	-3.94E-03	-5.70E-04	-1.58E-02	0.00E+00	4.60E-20	-4.46E-09	-2.57E-07	-2.27E-02	-1.67E+01	0.00E+00	0.00E+00	-6.02E+00	1.53E-19	-4.60E+00	0.00E+00	-1.98E-08	-5.67E-08	-4.80E-03	0.00E+00	-2.55E+00	0.00E+00	-4.60E+00	-6.43E-05	-4.60E+00	-6.80E+00	-2.55E+00	0.00E+00	0.00E+00	0.00E+00	-2.59E+02
MY432E	-3.17E-02	-1.74E-02	-1.04E-03	8.21E-02	0.00E+00	0.00E+00	-5.12E+00	-4.41E-03	4.21E-04	-1.38E-02	0.00E+00	4.60E-20	-4.83E-09	-3.01E-07	-1.38E-03	-3.02E+00	0.00E+00	0.00E+00	-5.04E+00	1.53E-19	-1.13E+00	0.00E+00	3.12E-09	-5.40E-08	-4.69E-03	0.00E+00	-7.50E-01	0.00E+00	-1.13E+00	-8.82E-05	-1.13E+00	-2.07E+00	-7.50E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+02
MY432P	-3.13E-02	-4.77E-01	-9.38E-03	-4.98E-01	0.00E+00	0.00E+00	-6.50E+00	-4.00E-03	-1.38E-04	-1.61E-02	0.00E+00	4.60E-20	-4.46E-09	-2.70E-07	-2.26E-02	-1.70E+01	0.00E+00	0.00E+00	-6.33E+00	1.53E-19	-4.62E+00	0.00E+00	-1.97E-08	-5.94E-08	-5.17E-03	0.00E+00	-2.55E+00	0.00E+00	-4.62E+00	-7.90E-05	-4.62E+00	-6.84E+00	-2.55E+00	0.00E+00	0.00E+00	0.00E+00	-2.73E+02
MY440E	-2.99E-02	-1.33E-01	-7.86E-04	-2.53E-01	0.00E+00	0.00E+00	-4.92E+00	-5.00E-03	-5.38E-04	-1.61E-02	0.00E+00	4.60E-20	-6.05E-09	-3.22E-07	-1.18E-03	-3.84E+00	0.00E+00	0.00E+00	-4.82E+00	1.53E-19	-2.81E-01	0.00E+00	2.75E-09	-6.59E-08	-5.76E-03	0.00E+00	-6.45E-01	0.00E+00	-2.81E-01	-9.55E-05	-2.81E-01	-1.33E+00	-6.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+02
MY440P	-4.56E-02	-4.92E-01	-9.78E-03	-5.47E-01	0.00E+00	0.00E+00	-8.42E+00	-5.36E-03	-2.49E-03	-2.69E-02	0.00E+00	4.60E-20	-6.79E-09	-3.93E-07	-2.31E-02	-1.70E+01	0.00E+00	0.00E+00	-8.01E+00	1.53E-19	-4.21E+00	0.00E+00	-1.90E-08	-9.70E-08	-8.00E-03	0.00E+00	-2.57E+00	0.00E+00	-4.21E+00	-1.20E-04	-4.21E+00	-6.50E+00	-2.57E+00	0.00E+00	0.00E+00	0.00E+00	-3.39E+02
MY450E	-6.10E-02	-3.94E-01	-1.02E-02	-3.47E-01	0.00E+00	0.00E+00	-9.15E+00	-6.03E-03	-2.76E-03	-3.44E-02	0.00E+00	4.60E-20	-8.60E-09	-6.73E-07	-5.78E-03	-6.81E+00	0.00E+00	0.00E+00	-8.17E+00	1.53E-19	-3.56E+00	0.00E+00	-1.03E-08	-1.18E-07	-1.01E-02	0.00E+00	-1.05E+00	0.00E+00	-3.56E+00	-1.69E-04	-3.56E+00	-4.63E+00	-1.05E+00	0.00E+00	0.00E+00	0.00E+00	-3.54E+02
MY463E	-6.10E-02	-3.64E-01	-1.01E-02	-2.94E-01	0.00E+00	0.00E+00	-7.98E+00	-6.00E-03	-2.68E-03	-3.35E-02	0.00E+00	4.60E-20	-8.59E-09	-6.74E-07	-1.62E-03	-6.47E+00	0.00E+00	0.00E+00	-7.43E+00	1.53E-19	-3.33E+00	0.00E+00	-7.18E-09	-1.14E-07	-9.74E-03	0.00E+00	-8.89E-01	0.00E+00	-3.33E+00	-1.69E-04	-3.33E+00	-4.30E+00	-8.89E-01	0.00E+00	0.00E+00	0.00E+00	-3.26E+02
MY706P	-7.23E-03	-3.26E-01	-4.29E-03	-3.13E-01	0.00E+00	0.00E+00	-1.77E+00	-6.48E-04	-3.80E-04	-5.18E-03	0.00E+00	4.60E-20	-1.94E-09	-7.49E-08	-1.14E-02	-6.46E+00	0.00E+00	0.00E+00	-2.20E+00	1.53E-19	-2.55E+00	0.00E+00	-1.10E-08	-2.98E-08	-1.88E-03	0.00E+00	-1.13E+00	0.00E+00	-2.55E+00	-1.77E-05	-2.55E+00	-3.88E+00	-1.13E+00	0.00E+00	0.00E+00	0.00E+00	-9.37E+01
MY716P	-7.77E-03	-3.19E-01	-4.20E-03	-3.00E-01	0.00E+00	0.00E+00	-2.03E+00	-7.69E-04	-3.73E-04	-5.36E-03	0.00E+00	4.60E-20	-2.12E-09	-8.14E-08	-1.14E-02	-6.21E+00	0.00E+00	0.00E+00	-2.39E+00	1.53E-19	-2.42E+00	0.00E+00	-1.08E-08	-2.95E-08	-1.98E-03	0.00E+00	-9.78E-01	0.00E+00	-2.42E+00	-2.15E-05	-2.42E+00	-3.84E+00	-9.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
MY720P	-9.19E-03	-3.29E-01	-4.50E-03	-3.39E-01	0.00E+00	0.00E+00	-2.12E+00	-7.69E-04	-4.08E-04	-6.26E-03	0.00E+00	4.60E-20	-2.13E-09	-9.43E-08	-1.86E-02	-1.06E+01	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	-2.59E+00	0.00E+00	-1.13E-08	-3.28E-08	-2.19E-03	0.00E+00	-1.36E+00	0.00E+00	-2.59E+00	-2.64E-05	-2.59E+00	-4.00E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
MY725P	-1.16E-02	-3.47E-01	-4.62E-03	-3.51E-01	0.00E+00	0.00E+00	-2.61E+00	-9.80E-04	-4.68E-04	-7.61E-03	0.00E+00	4.60E-20	-2.39E-09	-1.23E-07	-2.07E-02	-1.23E+01	0.00E+00	0.00E+00	-2.99E+00	1.53E-19	-2.61E+00	0.00E+00	-1.14E-08	-3.54E-08	-2.50E-03	0.00E+00	-1.77E+00	0.00E+00	-2.61E+00	-3.14E-05	-2.61E+00	-4.33E+00	-1.77E+00	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
MY732P	-1.33E-02	-4.63E-01	-5.34E-03	-3.99E-01	0.00E+00	0.00E+00	-2.86E+00	-1.05E-03	-4.91E-04	-9.27E-03	0.00E+00	4.60E-20	-2.90E-09	-1.32E-07	-2.12E-02	-1.31E+01	0.00E+00	0.00E+00	-3.22E+00	1.53E-19	-3.53E+00	0.00E+00	-1.33E-08	-3.91E-08	-2.84E-03	0.00E+00	-1.94E+00	0.00E+00	-3.53E+00	-3.26E-05	-3.53E+00	-5.51E+00	-1.94E+00	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
MY740P	-1.54E-02	-4.45E-01	-5.65E-03	-4.01E-01	0.00E+00	0.00E+00	-3.96E+00	-1.72E-03	-7.03E-04	-1.08E-02	0.00E+00	4.60E-20	-3.32E-09	-1.71E-07	-2.23E-02	-1.34E+01	0.00E+00	0.00E+00	-3.79E+00	1.53E-19	-3.53E+00	0.00E+00	-1.30E-08	-4.18E-08	-3.64E-03	0.00E+00	-2.25E+00	0.00E+00	-3.53E+00	-5.35E-05	-3.53E+00	-5.63E+00	-2.25E+00	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
MYN106	-9.42E-04	2.01E-02	1.31E-03	2.63E-02	0.00E+00	0.00E+00	-2.61E-02	-8.58E-05	1.42E-04	-4.37E-04	0.00E+00	4.60E-20	-5.21E-10	-8.94E-09	-1.17E-03	-3.51E-01	0.00E+00	0.00E+00	-2.64E-01	1.53E-19	2.73E-02	0.00E+00	1.81E-09	-4.00E-09	-2.86E-04	0.00E+00	-6.38E-02	0.00E+00	2.73E-02	-2.75E-06	2.73E-02	-3.88E-02	-6.38E-02	0.00E+00	0.00E+00	0.00E+00	-1.20E+01
MYN110	-5.48E-04	1.18E-02	8.31E-04	1.58E-02	0.00E+00	0.00E+00	2.52E-02	-4.96E-05	1.52E-04	-3.30E-04	0.00E+00	4.60E-20	-5.40E-10	-1.21E-09	3.65E-04	-3.46E-01	0.00E+00	0.00E+00	-2.89E-01	1.53E-19	-1.07E-01	0.00E+00	4.59E-10	-4.03E-09	-2.43E-04	0.00E+00	-5.29E-02	0.00E+00	-1.07E-01	-1.34E-06	-1.07E-01	-1.95E-01	-5.29E-02	0.00E+00	0.00E+00	0.00E+00	-1.31E+01
MYN116	-5.20E-04	1.31E-02	8.38E-04	2.10E-02	0.00E+00	0.00E+00	1.88E-02	-3.15E-05	1.55E-04	-2.98E-04	0.00E+00	4.60E-20	-5.41E-10	-1.42E-09	5.70E-04	-3.31E-01	0.00E+00	0.00E+00	-2.95E-01	1.53E-19	-1.11E-01	0.00E+00	6.81E-10	-3.80E-09	-2.16E-04	0.00E+00	-5.55E-02	0.00E+00	-1.11E-01	-1.20E-06	-1.11E-01	-2.03E-01	-5.55E-02	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
MYN120	-5.72E-04	1.44E-02	9.39E-04	2.26E-02	0.00E+00	0.00E+00	-4.24E-02	-2.39E-05	1.55E-04	-3.52E-04	0.00E+00	4.60E-20	-5.22E-10	8.31E-10	4.86E-04	-3.29E-01	0.00E+00	0.00E+00	-2.91E-01	1.53E-19	-1.18E-01	0.00E+00	1.84E-09	-3.78E-09	-1.89E-04	0.00E+00	-4.77E-02	0.00E+00	-1.18E-01	-8.90E-07	-1.18E-01	-1.89E-01	-4.77E-02	0.00E+00	0.00E+00	0.00E+00	-1.35E+01
MYN125	-1.64E-03	1.72E-02	1.61E-03	2.39E-02	0.00E+00	0.00E+00	-3.32E-02	-2.41E-04	1.40E-04	-1.10E-03	0.00E+00	4.60E-20	-4.63E-10	-1.97E-08	-8.47E-04	-2.93E-01	0.00E+00	0.00E+00	-3.43E-01	1.53E-19	9.93E-02	0.00E+00	4.41E-09	-3.04E-09	-6.91E-05	0.00E+00	-2.60E-02	0.00E+00	9.93E-02	-5.03E-06	9.93E-02	1.20E-01	-2.60E-02	0.00E+00	0.00E+00	0.00E+00	-1.45E+01
MYN132	-8.41E-03	3.09E-02	9.17E-04	4.85E-02	0.00E+00	0.00E+00	-1.65E+00	-1.04E-03	6.09E-05	-4.30E-03	0.00E+00	4.60E-20	-1.26E-09	-1.16E-07	-8.35E-04	-9.83E-01	0.00E+00	0.00E+00	-1.60E+00	1.53E-19	-5.62E-02	0.00E+00	1.95E-09	-1.67E-08	-1.32E-03	0.00E+00	-1.56E-01	0.00E+00	-5.62E-02	-2.99E-05	-5.62E-02	-2.05E-01	-1.56E-01	0.00E+00	0.00E+00	0.00E+00	-6.80E+01
MYN140	-5.48E-03	4.03E-02	1.79E-03	6.97E-02	0.00E+00	0.00E+00	-1.40E+00	-7.34E-04	3.35E-04	-3.13E-03	0.00E+00	4.60E-20	-1.17E-09	-7.40E-08	-1.09E-03	-8.62E-01	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	-1.70E-02	0.00E+00	4.16E-09	-1.25E-08	-9.08E-04	0.00E+00	-1.59E-01	0.00E+00	-1.70E-02	-2.02E-05	-1.70E-02	-1.27E-01	-1.59E-01	0.00E+00	0.00E+00	0.00E+00	-6.00E+01
MYN150	-9.99E-03	-2.17E-01	-9.19E-04	-1.45E-02	0.00E+00	0.00E+00	-1.45E+00	-8.30E-04	-2.05E-05	-3.65E-03	0.00E+00	4.60E-20	-1.68E-09	-8.94E-08	-3.20E-03	-1.91E+00	0.00E+00	0.00E+00	-1.46E+00	1.53E-19	-1.86E+00	0.00E+00	-4.64E-09	-2.08E-08	-1.57E-03	0.00E+00	-4.30E-01	0.00E+00	-1.86E+00	-2.37E-05	-1.86E+00	-2.74E+00	-4.30E-01	0.00E+00	0.00E+00	0.00E+00	-7.03E+01
MYN163	-2.89E-03	-8.57E-02	-1.33E-04	1.92E-02	0.00E+00	0.00E+00	-9.77E-01	-5.92E-04	3.89E-04	-2.05E-03	0.00E+00	4.60E-20	-1.03E-09	-5.81E-08	-3.50E-03	-1.03E+00	0.00E+00	0.00E+00	-9.35E-01	1.53E-19	-5.98E-01	0.00E+00	8.18E-10	-8.62E-09	-1.01E-03	0.00E+00	-2.23E-01	0.00E+00	-5.98E-01	-1.80E-05	-5.98E-01	-1.08E+00	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-4.01E+01
MYN206	-1.59E-03	6.04E-02	2.61E-03	2.68E-02	0.00E+00	0.00E+00	8.01E-02	-2.10E-04	1.66E-04	-3.87E-04	0.00E+00	4.60E-20	-7.19E-10	-1.62E-08	-2.05E-03	-6.38E-01	0.00E+00	0.00E+00	-3.24E-01	1.53E-19	1.41E-01	0.00E+00	3.34E-09	-5.23E-09	-3.03E-04	0.00E+00	-6.90E-02	0.00E+00	1.41E-01	-5.89E-06	1.41E-01	5.32E-02	-6.90E-02	0.00E+00	0.00E+00	0.00E+00	-1.60E+01
MYN210	-1.15E-04	3.64E-03	2.71E-04	3.37E-03	0.00E+00	0.00E+00	-2.58E-01	-5.41E-05	2.90E-04	-2.80E-04	0.00E+00	3.03E-20	-1.45E-09	-1.60E-09	5.03E-04	-6.55E-01	0.00E+00	0.00E+00	-8.06E-01	1.12E-19	-1.06E+00	0.00E+00	-1.21E-09	-1.08E-08	-4.64E-04	0.00E+00	-1.43E-01	0.00E+00	-1.06E+00	-2.86E-06	-1.06E+00	-1.20E+00	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.53E+01
MYN216	8.09E-04	1.90E-01	4.62E-03	1.85E-01	0.00E+00	0.00E+00	1.05E+00	-1.07E-05	4.51E-04	1.59E-03	0.00E+00	6.27E-20	-1.51E-10	4.35E-09	-8.04E-04	-1.54E-01	0.00E+00	0.00E+00	4.84E-01	2.24E-19	1.13E+00	0.00E+00	1.18E-08	2.56E-09	3.17E-04	0.00E+00	2.30E-02	0.00E+00	1.13E+00	-3.74E-07	1.13E+00	1.15E+00	2.30E-02	0.00E+00	0.00E+00	0.00E+00	1.55E+01
MYN220	1.36E-04	4.31E-04	8.51E-04	-4.20E-04	0.00E+00	0.00E+00	-1.44E-01	-5.40E-05	5.10E-04	-2.85E-04	0.00E+00	2.98E-20	-1.44E-09	7.33E-10	-7.02E-03	-6.37E-01	0.00E+00	0.00E+00	-8.30E-01	1.14E-19	-1.07E+00	0.00E+00	-4.70E-10	-1.08E-08	-4.52E-04	0.00E+00	-1.76E-01	0.00E+00	-1.07E+00	-2.87E-06	-1.07E+00	-1.25E+00	-1.76E-01	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
MYN225	-1.95E-04	-2.09E-01	-4.00E-04	-2.09E-01	0.00E+00	0.00E+00	-2.48E-01	-6.30E-05	5.59E-04	-2.02E-03	0.00E+00	9.00E-21	-1.82E-09	1.40E-09	-1.94E-02	-8.06E-01	0.00E+00	0.00E+00	-1.38E+00	3.46E-20	-1.94E+00	0.00E+00	-6.06E-09	-1.64E-08	-9.16E-04	0.00E+00	-3.02E-01	0.00E+00	-1.94E+00	-3.66E-06	-1.94E+00	-2.24E+00	-3.02E-01	0.00E+00	0.00E+00	0.00E+00	-5.70E+01
MYN232	-2.49E-02	-1.21E-01	-1.44E-03	-1.19E-01	0.00E+00	0.00E+00	-5.07E+00	-2.52E-03	-1.05E-03	-1.35E-02	0.00E+00	5.48E-20	-2.91E-09	-2.92E-07	1.25E-03	-3.10E+00	0.00E+00	0.00E+00	-3.98E+00	1.72E-19	-7.89E-01	0.00E+00	-1.69E-09	-4.33E-08	-3.84E-03	0.00E+00	-5.25E-01	0.00E+00	-7.89E-01	-7.44E-05	-7.89E-01	-1.31E+00	-5.25E-01	0.00E+00	0.00E+00	0.00E+00	-1.76E+02
MYN240	2.08E-03	1.63E-01	5.72E-03	1.58E-01	0.00E+00	0.00E+00	6.39E-01	-4.69E-05	1.71E-03	1.19E-03	0.00E+00	6.76E-20	-1.08E-09	1.39E-08	5.84E-03	1.18E-01	0.00E+00	0.00E+00	1.87E-01	2.39E-19	2.96E-01	0.00E+00	9.17E-09	-3.16E-09	3.96E-05	0.00E+00	7.48E-02	0.00E+00	2.96E-01	-2.41E-06	2.96E-01	3.71E-01	7.48E-02	0.00E+00	0.00E+00	0.00E+00	2.85E+00
MYN250	-1.38E-02	-2.33E-01	-2.95E-03	-3.91E-02	0.00E+00	0.00E+00	-1.88E+00	-1.35E-03	-2.24E-04	-3.46E-03	0.00E+00	4.60E-20	-1.57E-09	-7.76E-08	-6.49E-03	-2.36E+00	0.00E+00	0.00E+00	-1.75E+00	1.53E-19	-2.15E+00	0.00E+00	-5.61E-09	-2.79E-08	-2.23E-03	0.00E+00	-4.81E-01	0.00E+00	-2.15E+00	-4.10E-05	-2.15E+00	-3.02E+00	-4.81E-01	0.00E+00	0.00E+00	0.00E+00	-8.34E+01
MYN263	-1.06E-02	-1.82E-01	-3.21E-03	7.72E-02	0.00E+00	0.00E+00	-1.70E+00	-1.24E-03	9.21E-05	-2.47E-03	0.00E+00	4.60E-20	-1.62E-09	-7.09E-08	-4.47E-03	-1.96E+00	0.00E+00	0.00E+00	-1.61E+00	1.53E-19	-1.93E+00	0.00E+00	-3.88E-09	-2.48E-08	-1.90E-03	0.00E+00	-4.13E-01	0.00E+00	-1.93E+00	-3.67E-05	-1.93E+00	-2.63E+00	-4.13E-01	0.00E+00	0.00E+00	0.00E+00	-8.03E+01
MYN306	-5.50E-03	5.34E-02	2.64E-03	6.48E-02	0.00E+00	0.00E+00	3.54E-01	-4.80E-04	1.63E-04	-1.12E-03	0.00E+00	4.60E-20	-1.07E-09	-4.37E-08	-9.48E-04	-9.43E-01	0.00E+00	0.00E+00	-1.18E-01	1.53E-19	4.80E-01	0.00E+00	6.35E-09	-7.01E-09	-3.91E-04	0.00E+00	-7.94E-02	0.00E+00	4.80E-01	-1.56E-05	4.80E-01	5.86E-01	-7.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.38E+01
MYN310	-5.40E-03	-4.10E-02	2.03E-03	-4.06E-02	0.00E+00	0.00E+00	1.97E-01	-4.77E-04	1.15E-04	-2.85E-03	0.00E+00	4.60E-20	-1.53E-09	-4.33E-08	-1.77E-03	-1.17E+00	0.00E+00	0.00E+00	-6.49E-01	1.53E-19	-2.73E-01	0.00E+00	1.21E-09	-1.21E-08	-1.03E-03	0.00E+00	-1.78E-01	0.00E+00	-2.73E-01	-1.13E-05	-2.73E-01	-3.25E-01	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-3.27E+01
MYN316	-3.32E-03	-4.60E-02	1.11E-03	-5.36E-02	0.00E+00	0.00E+00	3.63E-01	-6.43E-04	1.45E-04	-2.31E-03	0.00E+00	4.60E-20	-1.76E-09	-4.24E-08	-3.03E-03	-9.42E-01	0.00E+00	0.00E+00	-4.04E-01	1.53E-19	-2.33E-01	0.00E+00	2.56E-10	-1.30E-08	-1.03E-03	0.00E+00	-1.63E-01	0.00E+00	-2.33E-01	-1.15E-05	-2.33E-01	-3.70E-01	-1.63E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
MYN320	-2.45E-03	-2.24E-02	9.16E-04	-9.91E-02	0.00E+00	0.00E+00	2.05E-01	-6.43E-04	1.58E-04	-3.61E-03	0.00E+00	4.60E-20	-1.84E-09	-5.57E-08	-5.41E-03	-1.11E+00	0.00E+00	0.00E+00	-9.63E-01	1.53E-19	-3.71E-01	0.00E+00	1.44E-10	-1.58E-08	-1.24E-03	0.00E+00	-2.69E-01	0.00E+00	-3.71E-01	-1.45E-05	-3.71E-01	-7.82E-01	-2.69E-01	0.00E+00	0.00E+00	0.00E+00	-4.58E+01
MYN325	-3.12E-03	-1.39E-02	1.82E-04	-8.82E-02	0.00E+00	0.00E+00	-1.39E+00	-7.71E-04	-1.02E-04	-4.87E-03	0.00E+00	4.60E-20	-1.97E-09	-5.19E-08	-1.01E-02	-9.06E-01	0.00E+00	0.00E+00	-2.03E+00	1.53E-19	-3.30E-01	0.00E+00	1.92E-09	-1.75E-08	-1.46E-03	0.00E+00	-3.10E-01	0.00E+00	-3.30E-01	-1.37E-05	-3.30E-01	-5.79E-01	-3.10E-01	0.00E+00	0.00E+00	0.00E+00	-9.03E+01
MYN332	-1.44E-02	8.77E-04	-1.34E-03	1.36E-01	0.00E+00	0.00E+00	-4.52E+00	-2.48E-03	6.46E-04	-6.75E-03	0.00E+00	4.60E-20	-3.29E-09	-2.47E-07	-7.21E-03	-2.73E+00	0.00E+00	0.00E+00	-4.41E+00	1.53E-19	-1.21E+00	0.00E+00	5.43E-09	-4.78E-08	-2.42E-03	0.00E+00	-6.17E-01	0.00E+00	-1.21E+00	-6.41E-05	-1.21E+00	-1.83E+00	-6.17E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
MYN340	-2.45E-02	-1.46E-01	4.97E-04	-3.14E-01	0.00E+00	0.00E+00	-3.97E+00	-3.06E-03	-1.28E-03	-1.85E-02	0.00E+00	4.60E-20	-5.57E-09	-3.42E-07	-7.44E-03	-2.63E+00	0.00E+00	0.00E+00	-3.96E+00	1.53E-19	-1.17E+00	0.00E+00	5.06E-09	-5.33E-08	-5.52E-03	0.00E+00	-5.47E-01	0.00E+00	-1.17E+00	-7.85E-05	-1.17E+00	-1.67E+00	-5.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.77E+02
MYN350	-3.55E-02	-3.41E-01	-7.96E-03	-3.44E-02	0.00E+00	0.00E+00	-6.31E+00	-2.75E-03	-1.31E-03	-2.13E-02	0.00E+00	4.60E-20	-6.16E-09	-5.45E-07	-3.20E-03	-4.45E+00	0.00E+00	0.00E+00	-5.79E+00	1.53E-19	-3.33E+00	0.00E+00	-7.54E-09	-7.24E-08	-4.50E-03	0.00E+00	-8.34E-01	0.00E+00	-3.33E+00	-9.94E-05	-3.33E+00	-4.59E+00	-8.34E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
MYN363	-4.53E-02	-3.95E-01	-9.09E-03	-3.08E-01	0.00E+00	0.00E+00	-8.33E+00	-4.65E-03	-1.74E-03	-2.31E-02	0.00E+00	4.60E-20	-6.40E-09	-5.62E-07	-6.07E-03	-5.60E+00	0.00E+00	0.00E+00	-7.41E+00	1.53E-19	-3.69E+00	0.00E+00	-7.80E-09	-9.38E-08	-6.67E-03	0.00E+00	-9.73E-01	0.00E+00	-3.69E+00	-1.20E-04	-3.69E+00	-5.01E+00	-9.73E-01	0.00E+00	0.00E+00	0.00E+00	-3.24E+02
MYN406	-4.37E-03	3.07E-02	2.16E-03	7.28E-02	0.00E+00	0.00E+00	-4.83E-01	-7.53E-04	3.88E-05	-1.94E-03	0.00E+00	4.60E-20	-1.89E-09	-7.83E-08	2.44E-03	-1.12E+00	0.00E+00	0.00E+00	-1.28E+00	1.53E-19	-3.25E-01	0.00E+00	4.06E-09	-1.57E-08	-1.32E-03	0.00E+00	-2.53E-01	0.00E+00	-3.25E-01	-2.12E-05	-3.25E-01	-6.15E-01	-2.53E-01	0.00E+00	0.00E+00	0.00E+00	-6.55E+01
MYN410	-2.79E-04	7.19E-03	1.05E-03	6.14E-03	0.00E+00	0.00E+00	-5.01E-01	-1.25E-04	6.17E-04	-7.22E-04	0.00E+00	8.42E-20	-3.29E-09	-3.94E-09	2.57E-03	-1.92E-01	0.00E+00	0.00E+00	-1.66E+00	2.89E-19	-2.20E+00	0.00E+00	-1.47E-09	-2.36E-08	-1.08E-03	0.00E+00	-1.18E-01	0.00E+00	-2.20E+00	-6.48E-06	-2.20E+00	-2.32E+00	-1.18E-01	0.00E+00	0.00E+00	0.00E+00	-7.31E+01
MYN416	1.03E-03	3.66E-02	7.10E-03	2.95E-02	0.00E+00	0.00E+00	1.89E+00	-2.15E-05	6.83E-04	5.46E-04	0.00E+00	8.18E-20	-3.54E-10	8.22E-09	1.03E-02	-1.72E+00	0.00E+00	0.00E+00	1.01E+00	2.74E-19	1.49E+00	0.00E+00	1.36E-08	7.46E-10	3.89E-05	0.00E+00	-9.76E-02	0.00E+00	1.49E+00	-9.12E-07	1.49E+00	1.39E+00	-9.76E-02	0.00E+00	0.00E+00	0.00E+00	3.35E+01
MYN420	1.81E-03	8.78E-02	1.02E-02	7.76E-02	0.00E+00	0.00E+00	2.52E+00	-2.38E-05	1.17E-03	1.02E-03	0.00E+00	1.19E-19	-2.56E-10	1.38E-08	1.44E-02	-1.40E+00	0.00E+00	0.00E+00	1.62E+00	3.84E-19	2.20E+00	0.00E+00	1.92E-08	3.40E-09	1.77E-04	0.00E+00	1.82E-02	0.00E+00	2.20E+00	-9.15E-07	2.20E+00	2.22E+00	1.82E-02	0.00E+00	0.00E+00	0.00E+00	5.64E+01
MYN425	-2.48E-02	-5.06E-01	-7.21E-03	-4.99E-01	0.00E+00	0.00E+00	-6.01E+00	-2.40E-03	-1.29E-03	-1.63E-02	0.00E+00	2.65E-20	-5.76E-09	-2.78E-07	-4.21E-02	-3.45E+00	0.00E+00	0.00E+00	-6.89E+00	9.07E-20	-4.93E+00	0.00E+00	-1.92E-08	-7.02E-08	-5.22E-03	0.00E+00	-1.01E+00	0.00E+00	-4.93E+00	-7.19E-05	-4.93E+00	-5.95E+00	-1.01E+00	0.00E+00	0.00E+00	0.00E+00	-2.91E+02
MYN432	-5.10E-02	-4.71E-01	-8.38E-03	-4.63E-01	0.00E+00	0.00E+00	-1.13E+01	-5.06E-03	-2.29E-03	-2.92E-02	0.00E+00	5.78E-20	-7.19E-09	-5.90E-07	-4.10E-02	-6.91E+00	0.00E+00	0.00E+00	-1.04E+01	1.96E-19	-4.30E+00	0.00E+00	-1.60E-08	-1.03E-07	-8.49E-03	0.00E+00	-1.56E+00	0.00E+00	-4.30E+00	-1.51E-04	-4.30E+00	-5.86E+00	-1.56E+00	0.00E+00	0.00E+00	0.00E+00	-4.49E+02
MYN440	6.44E-03	7.73E-01	2.18E-02	7.51E-01	0.00E+00	0.00E+00	4.31E+00	7.80E-06	3.81E-03	6.89E-03	0.00E+00	2.15E-19	8.39E-10	4.18E-08	2.71E-02	8.92E-01	0.00E+00	0.00E+00	3.68E+00	7.49E-19	5.92E+00	0.00E+00	4.86E-08	2.59E-08	1.94E-03	0.00E+00	5.72E-01	0.00E+00	5.92E+00	9.71E-07	5.92E+00	6.49E+00	5.72E-01	0.00E+00	0.00E+00	0.00E+00	1.35E+02
MYN450	-6.42E-02	-6.17E-01	-1.17E-02	-6.05E-01	0.00E+00	0.00E+00	-1.52E+01	-6.40E-03	-2.91E-03	-3.71E-02	0.00E+00	6.25E-20	-9.41E-09	-7.44E-07	-9.37E-03	-7.84E+00	0.00E+00	0.00E+00	-1.25E+01	1.85E-19	-5.92E+00	0.00E+00	-2.74E-08	-1.31E-07	-1.09E-02	0.00E+00	-1.58E+00	0.00E+00	-5.92E+00	-1.86E-04	-5.92E+00	-7.51E+00	-1.58E+00	0.00E+00	0.00E+00	0.00E+00	-5.38E+02
MYN463	4.02E-03	-2.05E-01	8.73E-03	-2.14E-01	0.00E+00	0.00E+00	1.13E+00	-1.02E-04	3.92E-03	-1.83E-03	0.00E+00	6.13E-20	-2.94E-09	3.40E-08	6.30E-03	-1.01E+00	0.00E+00	0.00E+00	-6.18E-01	2.16E-19	-1.04E+00	0.00E+00	4.30E-09	-1.64E-08	-9.08E-04	0.00E+00	-1.34E-01	0.00E+00	-1.04E+00	-6.40E-06	-1.04E+00	-1.17E+00	-1.34E-01	0.00E+00	0.00E+00	0.00E+00	-3.49E+01
MYN506	-1.74E-03	7.28E-02	3.00E-03	2.85E-02	0.00E+00	0.00E+00	2.06E-01	-1.51E-04	1.73E-04	-1.91E-04	0.00E+00	4.60E-20	-5.62E-10	-6.29E-09	-1.87E-03	-6.68E-01	0.00E+00	0.00E+00	-1.86E-01	1.53E-19	4.64E-01	0.00E+00	7.02E-09	-3.93E-09	-2.50E-04	0.00E+00	-6.23E-02	0.00E+00	4.64E-01	-3.28E-06	4.64E-01	3.44E-01	-6.23E-02	0.00E+00	0.00E+00	0.00E+00	-1.19E+01
MYN510	1.92E-04	6.52E-02	1.66E-03	6.36E-02	0.00E+00	0.00E+00	1.43E-01	-4.07E-05	3.43E-04	3.34E-04	0.00E+00	4.14E-20	-1.07E-09	2.66E-10	2.60E-03	-5.08E-01	0.00E+00	0.00E+00	-3.66E-01	1.49E-19	-3.36E-01	0.00E+00	2.93E-09	-6.43E-09	-2.13E-04	0.00E+00	-7.76E-02	0.00E+00	-3.36E-01	-2.09E-06	-3.36E-01	-4.14E-01	-7.76E-02	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
MYN516	1.58E-04	6.64E-02	1.64E-03	6.48E-02	0.00E+00	0.00E+00	1.54E-01	-4.08E-05	3.41E-04	3.17E-04	0.00E+00	4.02E-20	-1.08E-09	2.03E-10	-5.17E-03	-1.10E-01	0.00E+00	0.00E+00	-4.80E-01	1.49E-19	-3.92E-01	0.00E+00	3.36E-09	-6.66E-09	-2.19E-04	0.00E+00	-6.54E-02	0.00E+00	-3.92E-01	-2.07E-06	-3.92E-01	-4.58E-01	-6.54E-02	0.00E+00	0.00E+00	0.00E+00	-2.22E+01
MYN520	1.42E-03	2.55E-01	6.68E-03	2.48E-01	0.00E+00	0.00E+00	1.56E+00	2.86E-06	7.29E-04	2.27E-03	0.00E+00	7.53E-20	2.51E-10	8.63E-09	1.70E-03	-1.34E-01	0.00E+00	0.00E+00	1.03E+00	2.68E-19	1.94E+00	0.00E+00	1.67E-08	7.38E-09	5.99E-04	0.00E+00	8.07E-02	0.00E+00	1.94E+00	3.84E-07	1.94E+00	2.02E+00	8.07E-02	0.00E+00	0.00E+00	0.00E+00	3.66E+01
MYN525	-1.40E-02	-2.85E-01	-4.62E-03	-2.81E-01	0.00E+00	0.00E+00	-3.74E+00	-1.36E-03	-7.33E-04	-9.23E-03	0.00E+00	1.09E-20	-3.28E-09	-1.57E-07	-4.50E-03	-1.86E+00	0.00E+00	0.00E+00	-3.62E+00	2.84E-20	-2.88E+00	0.00E+00	-1.33E-08	-3.97E-08	-2.99E-03	0.00E+00	-4.47E-01	0.00E+00	-2.88E+00	-4.16E-05	-2.88E+00	-3.33E+00	-4.47E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
MYN532	1.81E-03	1.13E-01	4.66E-03	1.08E-01	0.00E+00	0.00E+00	5.19E-01	-4.80E-05	1.67E-03	7.62E-04	0.00E+00	5.29E-20	-1.28E-09	1.32E-08	-1.38E-02	-2.57E-01	0.00E+00	0.00E+00	-4.66E-01	2.03E-19	-2.67E-01	0.00E+00	7.25E-09	-6.33E-09	-9.00E-05	0.00E+00	-1.26E-01	0.00E+00	-2.67E-01	-2.74E-06	-2.67E-01	-3.92E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+01
MYN540	-2.12E-02	1.71E-01	1.63E-03	1.70E-01	0.00E+00	0.00E+00	-4.10E+00	-2.23E-03	-5.51E-04	-9.75E-03	0.00E+00	9.29E-20	-2.49E-09	-2.56E-07	5.56E-03	-1.68E+00	0.00E+00	0.00E+00	-3.16E+00	3.17E-19	3.60E-01	0.00E+00	8.49E-09	-3.29E-08	-2.87E-03	0.00E+00	-2.61E-01	0.00E+00	3.60E-01	-6.40E-05	3.60E-01	9.85E-02	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+02
NAN120S	-2.34E-03	1.13E-02	8.64E-04	1.87E-02	0.00E+00	0.00E+00	-8.46E-01	-3.61E-04	8.80E-05	-2.01E-03	0.00E+00	4.60E-20	-8.20E-10	-3.63E-08	-3.06E-04	-8.04E-01	0.00E+00	0.00E+00	-7.69E-01	1.53E-19	-1.62E-01	0.00E+00	1.91E-09	-8.63E-09	-5.65E-04	0.00E+00	-1.12E-01	0.00E+00	-1.62E-01	-1.05E-05	-1.62E-01	-3.39E-01	-1.12E-01	0.00E+00	0.00E+00	0.00E+00	-3.28E+01
NB106A	-1.06E-03	1.97E-02	8.93E-04	2.92E-02	0.00E+00	0.00E+00	3.89E-02	-1.08E-04	1.35E-04	-4.93E-04	0.00E+00	4.60E-20	-5.21E-10	-9.50E-09	-1.76E-03	-2.61E-01	0.00E+00	0.00E+00	-2.17E-01	1.53E-19	-7.23E-03	0.00E+00	1.09E-09	-4.13E-09	-3.39E-04	0.00E+00	-4.12E-02	0.00E+00	-7.23E-03	-2.83E-06	-7.23E-03	-4.51E-02	-4.12E-02	0.00E+00	0.00E+00	0.00E+00	-1.02E+01
NB110A	-8.94E-04	4.09E-02	1.11E-03	5.13E-02	0.00E+00	0.00E+00	3.21E-02	-3.88E-05	1.23E-04	-4.98E-04	0.00E+00	4.60E-20	-4.60E-10	-4.86E-09	-1.97E-03	-2.79E-01	0.00E+00	0.00E+00	-2.07E-01	1.53E-19	-8.76E-03	0.00E+00	1.03E-09	-4.00E-09	-3.02E-04	0.00E+00	-4.17E-02	0.00E+00	-8.76E-03	-1.32E-06	-8.76E-03	-6.77E-02	-4.17E-02	0.00E+00	0.00E+00	0.00E+00	-8.39E+00
NB113A	-9.55E-04	4.61E-02	1.08E-03	4.45E-02	0.00E+00	0.00E+00	5.06E-02	-5.29E-05	1.17E-04	-5.06E-04	0.00E+00	4.60E-20	-4.56E-10	-6.37E-09	-4.75E-04	-2.83E-01	0.00E+00	0.00E+00	-2.08E-01	1.53E-19	5.46E-02	0.00E+00	2.26E-09	-3.99E-09	-2.72E-04	0.00E+00	-2.95E-02	0.00E+00	5.46E-02	-2.00E-06	5.46E-02	7.82E-03	-2.95E-02	0.00E+00	0.00E+00	0.00E+00	-8.41E+00
NB116A	-1.21E-03	4.55E-02	1.08E-03	4.40E-02	0.00E+00	0.00E+00	5.33E-02	-7.38E-05	1.20E-04	-5.87E-04	0.00E+00	4.60E-20	-4.11E-10	-5.57E-09	-7.33E-04	-2.71E-01	0.00E+00	0.00E+00	-1.81E-01	1.53E-19	4.31E-02	0.00E+00	1.79E-09	-3.08E-09	-2.68E-04	0.00E+00	-3.09E-02	0.00E+00	4.31E-02	-1.92E-06	4.31E-02	-2.46E-02	-3.09E-02	0.00E+00	0.00E+00	0.00E+00	-8.16E+00
NB120A	-1.66E-03	5.10E-02	8.86E-04	4.57E-02	0.00E+00	0.00E+00	2.01E-03	-1.75E-04	9.40E-05	-1.86E-03	0.00E+00	4.60E-20	-4.57E-10	-2.75E-08	-5.36E-04	-3.26E-01	0.00E+00	0.00E+00	-3.21E-01	1.53E-19	1.09E-01	0.00E+00	2.65E-09	-4.32E-09	-5.86E-04	0.00E+00	-4.78E-02	0.00E+00	1.09E-01	-5.81E-06	1.09E-01	4.38E-02	-4.78E-02	0.00E+00	0.00E+00	0.00E+00	-1.30E+01
NB125A	-1.29E-03	4.41E-02	1.64E-03	4.05E-02	0.00E+00	0.00E+00	2.81E-02	-1.74E-04	1.68E-04	-9.46E-04	0.00E+00	4.60E-20	-5.21E-10	-1.77E-08	-1.05E-03	-2.47E-01	0.00E+00	0.00E+00	-3.23E-01	1.53E-19	1.35E-01	0.00E+00	4.15E-09	-3.40E-09	-2.30E-04	0.00E+00	-1.83E-02	0.00E+00	1.35E-01	-4.62E-06	1.35E-01	1.43E-01	-1.83E-02	0.00E+00	0.00E+00	0.00E+00	-1.41E+01
NB132A	-7.61E-03	2.88E-02	8.85E-04	4.11E-02	0.00E+00	0.00E+00	-1.44E+00	-1.06E-03	2.52E-05	-4.38E-03	0.00E+00	4.60E-20	-1.24E-09	-1.16E-07	-1.02E-03	-9.87E-01	0.00E+00	0.00E+00	-1.38E+00	1.53E-19	3.52E-03	0.00E+00	2.28E-09	-1.79E-08	-1.27E-03	0.00E+00	-1.41E-01	0.00E+00	3.52E-03	-3.05E-05	3.52E-03	-1.06E-01	-1.41E-01	0.00E+00	0.00E+00	0.00E+00	-5.85E+01
NB140A	-5.03E-03	3.63E-02	1.41E-03	2.76E-02	0.00E+00	0.00E+00	-1.37E+00	-7.69E-04	2.75E-04	-3.37E-03	0.00E+00	4.60E-20	-1.14E-09	-9.39E-08	-1.36E-03	-8.16E-01	0.00E+00	0.00E+00	-1.38E+00	1.53E-19	-9.12E-03	0.00E+00	4.35E-09	-1.37E-08	-9.97E-04	0.00E+00	-1.45E-01	0.00E+00	-9.12E-03	-2.45E-05	-9.12E-03	-8.32E-02	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	-5.74E+01

NB150A	-7.47E-03	-2.47E-01	-5.69E-04	-1.07E-01	0.00E+00	0.00E+00	-1.46E+00	-7.83E-04	-2.96E-05	-3.61E-03	0.00E+00	4.60E-20	-1.62E-09	-8.34E-08	-3.52E-03	-1.89E+00	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	-1.52E+00	0.00E+00	-2.04E-09	-1.67E-08	-1.32E-03	0.00E+00	-4.38E-01	0.00E+00	-1.52E+00	-2.30E-05	-1.52E+00	-2.21E+00	-4.38E-01	0.00E+00	0.00E+00	0.00E+00	-6.46E+01
NB163A	-4.74E-03	-2.25E-01	-3.45E-04	-9.92E-02	0.00E+00	0.00E+00	-1.15E+00	-6.14E-04	3.42E-04	-3.26E-03	0.00E+00	4.60E-20	-1.52E-09	-7.53E-08	-3.29E-03	-1.65E+00	0.00E+00	0.00E+00	-1.17E+00	1.53E-19	-1.39E+00	0.00E+00	-1.13E-09	-1.35E-08	-9.56E-04	0.00E+00	-4.08E-01	0.00E+00	-1.39E+00	-2.12E-05	-1.39E+00	-2.15E+00	-4.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.48E+01
NB206A	-2.40E-03	3.67E-02	2.36E-03	1.46E-02	0.00E+00	0.00E+00	-1.43E-01	-2.94E-04	1.45E-04	-9.59E-04	0.00E+00	4.60E-20	-7.02E-10	-2.99E-08	-4.96E-03	-8.96E-01	0.00E+00	0.00E+00	-5.80E-01	1.53E-19	-6.96E-02	0.00E+00	4.21E-09	-4.79E-09	-5.52E-04	0.00E+00	-1.45E-01	0.00E+00	-6.96E-02	-9.98E-06	-6.96E-02	-1.34E-01	-1.45E-01	0.00E+00	0.00E+00	0.00E+00	-2.91E+01
NB210A	-3.31E-03	6.78E-02	3.04E-03	4.20E-02	0.00E+00	0.00E+00	-1.87E-01	-3.38E-04	1.19E-04	-9.72E-04	0.00E+00	4.60E-20	-5.63E-10	-3.43E-08	-3.18E-03	-9.39E-01	0.00E+00	0.00E+00	-6.54E-01	1.53E-19	-4.31E-02	0.00E+00	5.83E-09	-2.92E-09	-3.27E-04	0.00E+00	-1.25E-01	0.00E+00	-4.31E-02	-8.45E-06	-4.31E-02	-1.39E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	-2.83E+01
NB213A	-3.40E-03	6.32E-02	2.58E-03	1.07E-02	0.00E+00	0.00E+00	-2.84E-01	-5.85E-04	1.11E-04	-1.53E-03	0.00E+00	4.60E-20	-8.90E-10	-6.27E-08	-2.63E-03	-9.82E-01	0.00E+00	0.00E+00	-8.59E-01	1.53E-19	-3.00E-02	0.00E+00	6.17E-09	-7.78E-09	-6.48E-04	0.00E+00	-1.43E-01	0.00E+00	-3.00E-02	-1.66E-05	-3.00E-02	-1.22E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.64E+01
NB216A	-3.47E-03	5.02E-02	2.30E-03	9.07E-03	0.00E+00	0.00E+00	-3.58E-01	-5.69E-04	1.18E-04	-1.68E-03	0.00E+00	4.60E-20	-8.93E-10	-6.28E-08	-3.29E-03	-9.83E-01	0.00E+00	0.00E+00	-1.05E+00	1.53E-19	-1.48E-01	0.00E+00	4.72E-09	-8.86E-09	-6.74E-04	0.00E+00	-1.63E-01	0.00E+00	-1.48E-01	-1.63E-05	-1.48E-01	-3.58E-01	-1.63E-01	0.00E+00	0.00E+00	0.00E+00	-4.65E+01
NB220A	-3.02E-03	3.34E-02	2.14E-03	-5.58E-03	0.00E+00	0.00E+00	-5.00E-01	-4.92E-04	1.21E-04	-1.99E-03	0.00E+00	4.60E-20	-1.06E-09	-5.68E-08	-2.67E-03	-9.94E-01	0.00E+00	0.00E+00	-1.20E+00	1.53E-19	-2.61E-01	0.00E+00	3.82E-09	-1.01E-08	-7.29E-04	0.00E+00	-1.78E-01	0.00E+00	-2.61E-01	-1.63E-05	-2.61E-01	-5.50E-01	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-5.11E+01
NB225A	-1.87E-03	2.09E-03	1.79E-03	-2.53E-02	0.00E+00	0.00E+00	-4.33E-01	-4.82E-04	1.31E-04	-2.07E-03	0.00E+00	4.60E-20	-1.38E-09	-4.07E-08	-1.36E-03	-9.35E-01	0.00E+00	0.00E+00	-9.92E-01	1.53E-19	-1.43E-01	0.00E+00	3.42E-09	-1.15E-08	-7.83E-04	0.00E+00	-1.50E-01	0.00E+00	-1.43E-01	-1.41E-05	-1.43E-01	-3.28E-01	-1.50E-01	0.00E+00	0.00E+00	0.00E+00	-4.44E+01
NB240A	-1.16E-02	5.19E-02	1.56E-03	8.08E-03	0.00E+00	0.00E+00	-1.74E+00	-9.08E-04	2.43E-04	-5.72E-03	0.00E+00	4.60E-20	-1.82E-09	-1.15E-07	-1.93E-03	-1.42E+00	0.00E+00	0.00E+00	-1.58E+00	1.53E-19	1.57E-01	0.00E+00	5.08E-09	-2.26E-08	-1.45E-03	0.00E+00	-2.16E-01	0.00E+00	1.57E-01	-3.67E-05	1.57E-01	-1.74E-01	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-7.94E+01
NB250A	-1.07E-02	-1.56E-01	-2.00E-03	-1.11E-01	0.00E+00	0.00E+00	-1.54E+00	-1.22E-03	-1.08E-04	-3.75E-03	0.00E+00	4.60E-20	-1.04E-09	-8.20E-08	-7.11E-03	-1.85E+00	0.00E+00	0.00E+00	-1.30E+00	1.53E-19	-9.60E-01	0.00E+00	-1.42E-09	-1.60E-08	-2.00E-03	0.00E+00	-3.34E-01	0.00E+00	-9.60E-01	-3.40E-05	-9.60E-01	-1.40E+00	-3.34E-01	0.00E+00	0.00E+00	0.00E+00	-6.53E+01
NB263A	-8.76E-03	-9.84E-02	-2.30E-03	-2.10E-02	0.00E+00	0.00E+00	-1.51E+00	-1.41E-03	1.31E-04	-2.67E-03	0.00E+00	4.60E-20	-1.00E-09	-1.05E-07	-5.24E-03	-1.42E+00	0.00E+00	0.00E+00	-1.39E+00	1.53E-19	-7.56E-01	0.00E+00	2.38E-10	-3.82E-08	-1.69E-03	0.00E+00	-2.69E-01	0.00E+00	-7.56E-01	-4.43E-05	-7.56E-01	-1.16E+00	-2.69E-01	0.00E+00	0.00E+00	0.00E+00	-6.82E+01
NB306A	-6.96E-03	6.23E-03	2.82E-03	2.47E-03	0.00E+00	0.00E+00	-7.06E-01	-7.45E-04	1.11E-04	-3.59E-03	0.00E+00	4.60E-20	-1.14E-09	-7.59E-08	8.13E-04	-1.33E+00	0.00E+00	0.00E+00	-1.56E+00	1.53E-19	-2.53E-01	0.00E+00	2.65E-09	-1.55E-08	-1.29E-03	0.00E+00	-2.54E-01	0.00E+00	-2.53E-01	-2.38E-05	-2.53E-01	-3.03E-01	-2.54E-01	0.00E+00	0.00E+00	0.00E+00	-7.02E+01
NB310A	-3.75E-03	6.12E-03	2.53E-03	-6.08E-04	0.00E+00	0.00E+00	-6.44E-01	-6.10E-04	1.19E-04	-3.69E-03	0.00E+00	4.60E-20	-1.23E-09	-5.25E-08	2.77E-04	-1.38E+00	0.00E+00	0.00E+00	-1.82E+00	1.53E-19	-7.03E-01	0.00E+00	1.41E-09	-1.07E-08	-1.01E-03	0.00E+00	-3.10E-01	0.00E+00	-7.03E-01	-1.52E-05	-7.03E-01	-9.55E-01	-3.10E-01	0.00E+00	0.00E+00	0.00E+00	-7.73E+01
NB313A	-4.32E-03	3.44E-03	1.31E-03	-2.32E-02	0.00E+00	0.00E+00	-8.43E-01	-6.58E-04	-1.43E-05	-5.65E-03	0.00E+00	4.60E-20	-1.38E-09	-8.48E-08	-4.06E-05	-1.43E+00	0.00E+00	0.00E+00	-1.89E+00	1.53E-19	-7.46E-01	0.00E+00	1.91E-09	-1.42E-08	-9.83E-04	0.00E+00	-3.16E-01	0.00E+00	-7.46E-01	-2.03E-05	-7.46E-01	-9.36E-01	-3.16E-01	0.00E+00	0.00E+00	0.00E+00	-7.96E+01
NB316A	-2.88E-03	-1.03E-02	1.16E-03	-1.61E-02	0.00E+00	0.00E+00	-7.83E-01	-5.30E-04	1.74E-04	-3.96E-03	0.00E+00	4.60E-20	-1.42E-09	-5.50E-08	-1.76E-04	-1.29E+00	0.00E+00	0.00E+00	-1.84E+00	1.53E-19	-7.13E-01	0.00E+00	1.17E-09	-1.40E-08	-9.32E-04	0.00E+00	-2.97E-01	0.00E+00	-7.13E-01	-1.58E-05	-7.13E-01	-1.04E+00	-2.97E-01	0.00E+00	0.00E+00	0.00E+00	-7.76E+01
NB325A	-2.85E-03	3.64E-02	1.33E-03	5.16E-02	0.00E+00	0.00E+00	-5.37E-01	-5.86E-04	1.81E-04	-6.35E-03	0.00E+00	4.60E-20	-1.52E-09	-7.63E-08	-2.05E-03	-1.11E+00	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	1.91E-01	0.00E+00	7.67E-09	-1.32E-08	-7.38E-04	0.00E+00	-2.43E-01	0.00E+00	1.91E-01	-1.74E-05	1.91E-01	1.36E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-6.79E+01
NB332A	-1.01E-02	5.52E-03	-1.29E-03	1.20E-01	0.00E+00	0.00E+00	-2.67E+00	-2.20E-03	-3.83E-04	-4.96E-03	0.00E+00	4.60E-20	-3.21E-09	-2.30E-07	-2.66E-03	-2.82E+00	0.00E+00	0.00E+00	-2.97E+00	1.53E-19	-3.74E-01	0.00E+00	7.52E-09	-5.89E-08	-1.42E-03	0.00E+00	-3.60E-01	0.00E+00	-3.74E-01	-7.19E-05	-3.74E-01	-8.02E-01	-3.60E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
NB340A	-3.04E-02	-1.91E-01	-7.21E-04	-3.48E-01	0.00E+00	0.00E+00	-5.10E+00	-3.09E-03	-1.45E-03	-1.96E-02	0.00E+00	4.60E-20	-5.94E-09	-3.50E-07	-4.54E-03	-3.42E+00	0.00E+00	0.00E+00	-4.89E+00	1.53E-19	-1.03E+00	0.00E+00	3.29E-09	-6.47E-08	-6.02E-03	0.00E+00	-5.58E-01	0.00E+00	-1.03E+00	-9.46E-05	-1.03E+00	-1.82E+00	-5.58E-01	0.00E+00	0.00E+00	0.00E+00	-2.23E+02
NB350A	-2.77E-02	-2.63E-01	-8.19E-03	-8.02E-02	0.00E+00	0.00E+00	-6.69E+00	-2.55E-03	-9.86E-04	-1.11E-02	0.00E+00	4.60E-20	-5.13E-09	-3.75E-07	-3.74E-03	-4.00E+00	0.00E+00	0.00E+00	-6.04E+00	1.53E-19	-2.24E+00	0.00E+00	-4.72E-09	-6.68E-08	-3.21E-03	0.00E+00	-7.60E-01	0.00E+00	-2.24E+00	-8.35E-05	-2.24E+00	-3.12E+00	-7.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+02
NB363A	-4.66E-02	-3.29E-01	-9.06E-03	-3.85E-01	0.00E+00	0.00E+00	-8.80E+00	-4.68E-03	-1.58E-03	-2.60E-02	0.00E+00	4.60E-20	-6.53E-09	-5.49E-07	-4.64E-03	-5.10E+00	0.00E+00	0.00E+00	-7.51E+00	1.53E-19	-2.66E+00	0.00E+00	-4.27E-09	-9.43E-08	-6.34E-03	0.00E+00	-8.62E-01	0.00E+00	-2.66E+00	-1.28E-04	-2.66E+00	-3.71E+00	-8.62E-01	0.00E+00	0.00E+00	0.00E+00	-3.30E+02
NB413A	-7.71E-03	6.31E-02	1.12E-03	8.01E-02	0.00E+00	0.00E+00	-9.66E-01	-8.02E-04	1.77E-04	-5.20E-03	0.00E+00	4.60E-20	-2.36E-09	-7.91E-08	-1.94E-03	-1.68E+00	0.00E+00	0.00E+00	-1.85E+00	1.53E-19	-7.37E-01	0.00E+00	-3.86E-10	-1.61E-08	-1.19E-03	0.00E+00	-3.04E-01	0.00E+00	-7.37E-01	-1.63E-05	-7.37E-01	-9.84E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-8.02E+01
NBN020	-9.52E-04	1.78E-02	2.14E-03	2.65E-02	0.00E+00	0.00E+00	2.71E-01	-1.38E-04	4.37E-04	-1.90E-04	0.00E+00	4.60E-20	-4.49E-10	-5.50E-10	7.61E-05	-4.36E-01	0.00E+00	0.00E+00	-2.86E-02	1.53E-19	1.20E-01	0.00E+00	4.56E-09	-3.48E-09	-1.09E-04	0.00E+00	-2.70E-02	0.00E+00	1.20E-01	-2.79E-06	1.20E-01	1.87E-01	-2.70E-02	0.00E+00	0.00E+00	0.00E+00	-1.09E+00
NBN106	6.08E-04	1.47E-01	3.17E-03	1.44E-01	0.00E+00	0.00E+00	7.20E-01	-4.06E-06	2.97E-04	1.22E-03	0.00E+00	4.51E-20	-5.68E-11	3.04E-09	5.08E-03	1.85E-01	0.00E+00	0.00E+00	4.05E-01	1.59E-19	9.51E-01	0.00E+00	8.70E-09	3.01E-09	2.75E-04	0.00E+00	8.79E-02	0.00E+00	9.51E-01	-1.52E-07	9.51E-01	1.04E+00	8.79E-02	0.00E+00	0.00E+00	0.00E+00	1.30E+01
NBN106A	6.11E-04	1.57E-01	3.75E-03	1.53E-01	0.00E+00	0.00E+00	8.69E-01	-8.27E-06	3.00E-04	1.33E-03	0.00E+00	4.84E-20	1.48E-10	2.64E-09	5.71E-03	-7.27E-02	0.00E+00	0.00E+00	6.52E-01	1.67E-19	1.20E+00	0.00E+00	9.75E-09	4.43E-09	3.42E-04	0.00E+00	7.47E-02	0.00E+00	1.20E+00	-1.10E-07	1.20E+00	1.27E+00	7.47E-02	0.00E+00	0.00E+00	0.00E+00	2.31E+01
NBN106N	-2.30E-03	-7.84E-03	1.57E-03	-4.76E-03	0.00E+00	0.00E+00	-3.39E-01	-2.32E-04	2.52E-04	-1.48E-03	0.00E+00	4.60E-20	-5.20E-10	-2.47E-08	-2.17E-03	-9.40E-01	0.00E+00	0.00E+00	-5.52E-01	1.53E-19	-3.00E-01	0.00E+00	6.39E-10	-7.65E-09	-4.95E-04	0.00E+00	-1.61E-01	0.00E+00	-3.00E-01	-8.69E-06	-3.00E-01	-2.95E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-2.29E+01
NBN110	5.93E-04	1.13E-01	3.01E-03	1.10E-01	0.00E+00	0.00E+00	7.15E-01	-4.09E-06	3.20E-04	9.74E-04	0.00E+00	4.05E-20	-7.61E-11	3.43E-09	4.70E-03	-2.58E-02	0.00E+00	0.00E+00	3.72E-01	1.41E-19	8.43E-01	0.00E+00	7.67E-09	2.40E-09	2.18E-04	0.00E+00	5.33E-02	0.00E+00	8.43E-01	-2.13E-07	8.43E-01	8.96E-01	5.33E-02	0.00E+00	0.00E+00	0.00E+00	1.18E+01
NBN110A	6.79E-05	9.65E-03	6.31E-04	9.02E-03	0.00E+00	0.00E+00	1.55E-02	-2.74E-05	2.30E-04	-6.85E-05	0.00E+00	2.20E-20	-7.85E-10	1.93E-10	1.13E-03	-2.29E-01	0.00E+00	0.00E+00	-3.88E-01	7.86E-20	-3.87E-01	0.00E+00	6.70E-10	-5.05E-09	-2.12E-04	0.00E+00	-5.14E-02	0.00E+00	-3.87E-01	-1.54E-06	-3.87E-01	-4.38E-01	-5.14E-02	0.00E+00	0.00E+00	0.00E+00	-1.78E+01
NBN110N	-1.99E-03	-5.67E-03	1.51E-03	-8.06E-03	0.00E+00	0.00E+00	-3.56E-01	-2.27E-04	2.54E-04	-1.49E-03	0.00E+00	4.60E-20	-5.18E-10	-3.03E-08	-1.83E-03	-1.06E+00	0.00E+00	0.00E+00	-5.77E-01	1.53E-19	-3.26E-01	0.00E+00	2.83E-10	-7.44E-09	-4.69E-04	0.00E+00	-1.86E-01	0.00E+00	-3.26E-01	-7.97E-06	-3.26E-01	-3.90E-01	-1.86E-01	0.00E+00	0.00E+00	0.00E+00	-2.48E+01
NBN116A	5.15E-04	1.07E-01	3.05E-03	1.04E-01	0.00E+00	0.00E+00	7.17E-01	-1.40E-05	3.61E-04	8.67E-04	0.00E+00	3.88E-20	-8.65E-11	2.73E-09	-1.98E-03	5.10E-02	0.00E+00	0.00E+00	2.69E-01	1.38E-19	7.62E-01	0.00E+00	7.76E-09	1.85E-09	1.91E-04	0.00E+00	2.60E-02	0.00E+00	7.62E-01	-5.66E-07	7.62E-01	7.88E-01	2.60E-02	0.00E+00	0.00E+00	0.00E+00	8.10E+00
NBN116N	-2.34E-03	-9.09E-03	1.44E-03	-1.55E-02	0.00E+00	0.00E+00	-4.06E-01	-2.10E-04	2.55E-04	-1.60E-03	0.00E+00	4.60E-20	-5.30E-10	-2.94E-08	-2.08E-03	-1.07E+00	0.00E+00	0.00E+00	-5.95E-01	1.53E-19	-4.16E-01	0.00E+00	2.74E-10	-7.51E-09	-5.17E-04	0.00E+00	-2.18E-01	0.00E+00	-4.16E-01	-8.09E-06	-4.16E-01	-4.51E-01	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+01
NBN120A	9.66E-04	1.39E-01	4.26E-03	1.34E-01	0.00E+00	0.00E+00	9.74E-01	-8.22E-06	6.23E-04	1.19E-03	0.00E+00	4.45E-20	8.17E-11	6.01E-09	-7.46E-04	1.56E-01	0.00E+00	0.00E+00	5.35E-01	1.59E-19	1.15E+00	0.00E+00	1.02E-08	4.22E-09	3.30E-04	0.00E+00	6.83E-02	0.00E+00	1.15E+00	-2.69E-07	1.15E+00	1.22E+00	6.83E-02	0.00E+00	0.00E+00	0.00E+00	1.84E+01
NBN120N	-3.09E-03	-3.96E-03	1.49E-03	-8.43E-03	0.00E+00	0.00E+00	-5.83E-01	-2.16E-04	2.47E-04	-2.69E-03	0.00E+00	4.60E-20	-5.51E-10	-4.15E-08	-4.48E-03	-3.00E+00	0.00E+00	0.00E+00	-6.56E-01	1.53E-19	-3.41E-01	0.00E+00	3.20E-10	-7.82E-09	-7.65E-04	0.00E+00	-3.08E-01	0.00E+00	-3.41E-01	-1.12E-05	-3.41E-01	-3.81E-01	-3.08E-01	0.00E+00	0.00E+00	0.00E+00	-2.70E+01
NBN125N	-6.28E-03	4.08E-02	1.75E-03	6.28E-03	0.00E+00	0.00E+00	-5.85E-01	-3.86E-04	2.48E-04	-3.57E-03	0.00E+00	4.60E-20	-5.94E-10	-7.68E-08	-4.68E-03	-3.23E+00	0.00E+00	0.00E+00	-7.31E-01	1.53E-19	-9.70E-02	0.00E+00	1.53E-10	-1.09E-08	-9.65E-04	0.00E+00	-3.07E-01	0.00E+00	-9.70E-02	-2.37E-05	-9.70E-02	-1.41E-01	-3.07E-01	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
NBN132A	-1.08E-02	4.15E-02	7.38E-05	4.15E-02	0.00E+00	0.00E+00	-2.17E+00	-1.11E-03	-4.02E-04	-5.23E-03	0.00E+00	4.00E-20	-1.39E-09	-1.29E-07	1.76E-03	-1.09E+00	0.00E+00	0.00E+00	-1.76E+00	1.37E-19	-1.57E-01	0.00E+00	2.02E-09	-1.86E-08	-1.57E-03	0.00E+00	-1.85E-01	0.00E+00	-1.57E-01	-3.22E-05	-1.57E-01	-3.42E-01	-1.85E-01	0.00E+00	0.00E+00	0.00E+00	-7.87E+01
NBN132N	-1.19E-02	2.98E-02	8.09E-04	1.89E-02	0.00E+00	0.00E+00	-2.06E+00	-8.56E-04	2.38E-04	-6.50E-03	0.00E+00	4.60E-20	-1.73E-09	-1.32E-07	-6.88E-03	-3.95E+00	0.00E+00	0.00E+00	-1.99E+00	1.53E-19	-2.16E-01	0.00E+00	-1.52E-09	-2.39E-08	-1.65E-03	0.00E+00	-4.60E-01	0.00E+00	-2.16E-01	-3.12E-05	-2.16E-01	-4.89E-01	-4.60E-01	0.00E+00	0.00E+00	0.00E+00	-8.88E+01
NBN140	-8.71E-04	1.91E-02	2.20E-03	2.86E-02	0.00E+00	0.00E+00	2.60E-01	-1.72E-04	4.60E-04	-1.82E-04	0.00E+00	4.60E-20	-4.21E-10	-2.69E-09	6.47E-05	-3.87E-01	0.00E+00	0.00E+00	-1.40E-02	1.53E-19	1.45E-01	0.00E+00	4.94E-09	-3.38E-09	-1.09E-04	0.00E+00	-2.50E-02	0.00E+00	1.45E-01	-4.01E-06	1.45E-01	1.83E-01	-2.50E-02	0.00E+00	0.00E+00	0.00E+00	-5.49E-01
NBN140N	-8.95E-03	3.48E-02	7.93E-04	9.11E-03	0.00E+00	0.00E+00	-1.91E+00	-6.94E-04	2.84E-04	-5.23E-03	0.00E+00	4.60E-20	-9.11E-10	-1.09E-07	-6.29E-03	-3.51E+00	0.00E+00	0.00E+00	-1.49E+00	1.53E-19	-2.68E-01	0.00E+00	-9.35E-10	-1.55E-08	-1.26E-03	0.00E+00	-3.84E-01	0.00E+00	-2.68E-01	-2.89E-05	-2.68E-01	-5.12E-01	-3.84E-01	0.00E+00	0.00E+00	0.00E+00	-6.65E+01
NBN150	-3.75E-03	5.25E-02	2.54E-03	3.67E-02	0.00E+00	0.00E+00	-6.89E-02	-3.58E-04	2.25E-04	-1.17E-03	0.00E+00	4.60E-20	-4.90E-10	-3.16E-08	-3.87E-06	-4.38E-01	0.00E+00	0.00E+00	-2.03E-01	1.53E-19	3.45E-01	0.00E+00	4.84E-09	-8.52E-09	-3.45E-04	0.00E+00	-4.64E-02	0.00E+00	3.45E-01	-1.06E-05	3.45E-01	2.75E-01	-4.64E-02	0.00E+00	0.00E+00	0.00E+00	-1.29E+01
NBN150A	-3.50E-03	5.25E-02	2.54E-03	3.68E-02	0.00E+00	0.00E+00	-6.49E-02	-3.34E-04	2.29E-04	-1.14E-03	0.00E+00	4.60E-20	-4.90E-10	-3.16E-08	3.03E-05	-4.38E-01	0.00E+00	0.00E+00	-2.00E-01	1.53E-19	3.45E-01	0.00E+00	4.84E-09	-8.42E-09	-3.50E-04	0.00E+00	-4.30E-02	0.00E+00	3.45E-01	-1.02E-05	3.45E-01	2.73E-01	-4.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.24E+01
NBN150N	-6.14E-03	2.22E-02	1.82E-03	2.12E-03	0.00E+00	0.00E+00	-1.32E+00	-6.42E-04	3.94E-04	-2.94E-03	0.00E+00	4.60E-20	-7.88E-10	-5.32E-08	-1.69E-04	-1.32E+00	0.00E+00	0.00E+00	-1.15E+00	1.53E-19	-2.92E-01	0.00E+00	1.92E-09	-1.21E-08	-4.79E-04	0.00E+00	-1.90E-01	0.00E+00	-2.92E-01	-1.61E-05	-2.92E-01	-5.07E-01	-1.90E-01	0.00E+00	0.00E+00	0.00E+00	-5.21E+01
NBN163	-1.34E-03	1.21E-02	2.38E-03	2.77E-02	0.00E+00	0.00E+00	2.39E-01	-2.26E-04	5.27E-04	-3.58E-04	0.00E+00	4.60E-20	-4.48E-10	-5.83E-09	-3.63E-04	-3.61E-01	0.00E+00	0.00E+00	-1.34E-02	1.53E-19	1.29E-01	0.00E+00	4.05E-09	-3.36E-09	-1.56E-04	0.00E+00	-2.21E-02	0.00E+00	1.29E-01	-6.28E-06	1.29E-01	1.58E-01	-2.21E-02	0.00E+00	0.00E+00	0.00E+00	-1.44E+00
NBN163A	-1.24E-03	1.36E-02	2.42E-03	2.75E-02	0.00E+00	0.00E+00	2.46E-01	-2.12E-04	5.34E-04	-3.27E-04	0.00E+00	4.60E-20	-4.31E-10	-8.10E-09	-3.19E-04	-3.53E-01	0.00E+00	0.00E+00	1.42E-02	1.53E-19	1.29E-01	0.00E+00	4.21E-09	-3.02E-09	-1.07E-04	0.00E+00	-2.20E-02	0.00E+00	1.29E-01	-5.21E-06	1.29E-01	1.58E-01	-2.20E-02	0.00E+00	0.00E+00	0.00E+00	-3.18E-01
NBN163N	-6.99E-03	4.49E-02	8.87E-04	2.52E-02	0.00E+00	0.00E+00	-1.42E+00	-8.71E-04	4.54E-04	-3.42E-03	0.00E+00	4.60E-20	-9.26E-10	-7.96E-08	-2.32E-04	-1.26E+00	0.00E+00	0.00E+00	-1.22E+00	1.53E-19	-2.91E-01	0.00E+00	1.64E-09	-1.44E-08	-6.33E-04	0.00E+00	-2.24E-01	0.00E+00	-2.91E-01	-1.93E-05	-2.91E-01	-6.45E-01	-2.24E-01	0.00E+00	0.00E+00	0.00E+00	-5.51E+01
NBN206N	-3.18E-03	-4.19E-02	1.93E-03	-4.00E-02	0.00E+00	0.00E+00	-7.99E-01	-4.78E-04	3.56E-04	-2.41E-03	0.00E+00	4.60E-20	-1.10E-09	-5.24E-08	-9.92E-03	-1.47E+00	0.00E+00	0.00E+00	-1.46E+00	1.53E-19	-5.74E-01	0.00E+00	-3.83E-11	-1.56E-08	-8.40E-04	0.00E+00	-2.23E-01	0.00E+00	-5.74E-01	-1.54E-05	-5.74E-01	-6.65E-01	-2.23E-01	0.00E+00	0.00E+00	0.00E+00	-5.69E+01
NBN210A	-1.34E-02	-3.14E-01	-4.49E-03	-3.09E-01	0.00E+00	0.00E+00	-2.50E+00	-8.08E-04	-5.40E-04	-6.69E-03	0.00E+00	0.00E+00	-2.87E-09	-9.36E-08	-2.56E-02	-1.94E+00	0.00E+00	0.00E+00	-3.25E+00	0.00E+00	-3.14E+00	0.00E+00	-1.34E-08	-3.37E-08	-2.31E-03	0.00E+00	-5.80E-01	0.00E+00	-3.14E+00	-2.53E-05	-3.14E+00	-3.72E+00	-5.80E-01	0.00E+00	0.00E+00	0.00E+00	-1.35E+02
NBN210N	-2.82E-03	-4.36E-02	1.85E-03	-4.57E-02	0.00E+00	0.00E+00	-7.86E-01	-4.69E-04	3.91E-04	-2.61E-03	0.00E+00	4.60E-20	-1.09E-09	-5.56E-08	-9.48E-03	-1.45E+00	0.00E+00	0.00E+00	-1.43E+00	1.53E-19	-5.81E-01	0.00E+00	-2.63E-10	-1.54E-08	-8.71E-04	0.00E+00	-2.38E-01	0.00E+00	-5.81E-01	-1.58E-05	-5.81E-01	-7.21E-01	-2.38E-01	0.00E+00	0.00E+00	0.00E+00	-5.65E+01
NBN216A	-1.69E-03	2.93E-02	3.58E-03	1.93E-02	0.00E+00	0.00E+00	2.42E-01	-1.70E-04	4.76E-04	-4.46E-04	0.00E+00	4.60E-20	-1.03E-09	-9.95E-09	8.00E-04	-1.14E+00	0.00E+00	0.00E+00	-3.02E-01	1.53E-19	2.25E-01	0.00E+00	3.12E-09	-3.98E-09	-3.13E-04	0.00E+00	-1.73E-01	0.00E+00	2.25E-01	-3.61E-06	2.25E-01	2.49E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.87E+01
NBN220N	-6.01E-03	-5.65E-03	1.91E-03	-3.75E-02	0.00E+00	0.00E+00	-1.17E+00	-5.96E-04	3.74E-04	-4.30E-03	0.00E+00	4.60E-20	-1.41E-09	-8.86E-08	-1.25E-02	-3.52E+00	0.00E+00	0.00E+00	-1.81E+00	1.53E-19	-3.62E-01	0.00E+00	-1.55E-09	-2.02E-08	-1.33E-03	0.00E+00	-3.71E-01	0.00E+00	-3.62E-01	-2.39E-05	-3.62E-01	-5.34E-01	-3.71E-01	0.00E+00	0.00E+00	0.00E+00	-7.14E+01
NBN232A	-5.58E-03	1.69E-03	3.28E-03	9.27E-03	0.00E+00	0.00E+00	-4.37E-02	-2.41E-04	4.94E-04	-1.69E-03	0.00E+00	4.60E-20	-1.61E-09	-4.38E-08	5.02E-05	-1.45E+00	0.00E+00	0.00E+00	-8.21E-01	1.53E-19	1.84E-01	0.00E+00	2.44E-09	-1.33E-08	-7.57E-04	0.00E+00	-2.68E-01	0.00E+00	1.84E-01	-1.29E-05	1.84E-01	1.12E-01	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-4.00E+01
NBN240N	-1.37E-02	-9.17E-03	2.51E-04	-4.96E-02	0.00E+00	0.00E+00	-2.80E+00	-1.70E-03	4.00E-04	-8.10E-03	0.00E+00	4.60E-20	-2.12E-09	-1.72E-07	-1.34E-02	-4.29E+00	0.00E+00	0.00E+00	-2.93E+00	1.53E-19	-6.45E-01	0.00E+00	-1.37E-09	-3.33E-08	-2.70E-03	0.00E+00	-5.18E-01	0.00E+00	-6.45E-01	-5.24E-05	-6.45E-01	-1.10E+00	-5.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
NBN250N	-5.65E-03	-1.55E-03	1.48E-03	-2.60E-02	0.00E+00	0.00E+00	-1.81E+00	-1.16E-03	5.77E-04	-3.40E-03	0.00E+00	4.60E-20	-1.43E-09	-6.77E-08	-4.45E-03	-1.93E+00	0.00E+00	0.00E+00	-1.78E+00	1.53E-19	-4.90E-01	0.00E+00	2.34E-09	-2.09E-08	-1.21E-03	0.00E+00	-3.22E-01	0.00E+00	-4.90E-01	-2.54E-05	-4.90E-01	-8.83E-01	-3.22E-01	0.00E+00	0.00E+00	0.00E+00	-7.77E+01
NBN263N	-5.71E-03	5.88E-02	1.30E-03	2.64E-02	0.00E+00	0.00E+00	-1.99E+00	-1.65E-03	7.25E-04	-2.65E-03	0.00E+00	4.60E-20	-1.63E-09	-8.75E-08	-3.69E-03	-1.85E+00	0.00E+00	0.00E+00	-2.16E+00	1.53E-19	-2.46E-01	0.00E+00	6.26E-09	-2.70E-08	-1.08E-03	0.00E+00	-3.20E-01	0.00E+00	-2.46E-01	-3.10E-05	-2.46E-01	-7.47E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-9.55E+01
NBN306N	-5.30E-03	-6.74E-02	3.64E-03	-7.25E-02	0.00E+00	0.00E+00	-7.87E-01	-6.02E-04	4.88E-04	-3.77E-03	0.00E+00	4.60E-20	-1.42E-09	-7.05E-08	-1.24E-02	-2.16E+00	0.00E+00	0.00E+00	-1.52E+00	1.53E-19	-6.35E-01	0.00E+00	3.06E-10	-2.08E-08	-1.17E-03	0.00E+00	-3.39E-01	0.00E+00	-6.35E-01	-2.41E-05	-6.35E-01	-8.52E-01	-3.39E-01	0.00E+00	0.00E+00	0.00E+00	-6.13E+01
NBN310N	-5.33E-03	-9.39E-02	3.49E-03	-1.08E-01	0.00E+00	0.00E+00	-8.88E-01	-6.70E-04	4.94E-04	-3.86E-03	0.00E+00	4.60E-20	-1.71E-09	-7.85E-08	-1.30E-02	-2.24E+00	0.00E+00	0.00E+00	-1.69E+00	1.53E-19	-8.18E-01	0.00E+00	-1.29E-09	-2.23E-08	-1.24E-03	0.00E+00	-3.76E-01	0.00E+00	-8.18E-01	-2.42E-05	-8.18E-01	-1.12E+00	-3.76E-01	0.00E+00	0.00E+00	0.00E+00	-7.03E+01
NBN316	1.58E-03	3.27E-01	9.92E-03	3.17E-01	0.00E+00	0.00E+00	2.27E+00	-4.12E-05	1.09E-03	2.67E-03	0.00E+00	1.24E-19	-6.02E-12	8.56E-09	-1.70E-02	3.54E-01	0.00E+00	0.00E+00	1.06E+00	4.34E-19	2.37E+00	0.00E+00	2.44E-08	6.19E-09	6.02E-04	0.00E+00	7.55E-02	0.00E+00	2.37E+00	-1.24E-06	2.37E+00	2.44E+00	7.55E-02	0.00E+00	0.00E+00	0.00E+00	3.66E+01
NBN316A	-2.43E-02	-4.92E-01	-7.30E-03	-4.84E-01	0.00E+00	0.00E+00	-4.41E+00	-1.48E-03	-9.29E-04	-1.16E-02	0.00E+00	0.00E+00	-4.64E-09	-1.72E-07	-3.93E-02	-3.22E+00	0.00E+00	0.00E+00	-5.39E+00	0.00E+00	-4.93E+00	0.00E+00	-2.12E-08	-5.57E-08	-3.89E-03	0.00E+00	-9.35E-01	0.00E+00	-4.93E+00	-4.57E-05	-4.93E+00	-5.86E+00	-9.35E-01	0.00E+00	0.00E+00	0.00E+00	-2.24E+02
NBN316N	-5.68E-03	-1.13E-01	3.20E-03	-1.46E-01	0.00E+00	0.00E+00	-1.01E+00	-7.02E-04	5.54E-04	-4.16E-03	0.00E+00	4.60E-20	-2.05E-09	-8.64E-08	-1.35E-02	-2.25E+00	0.00E+00	0.00E+00	-1.90E+00	1.53E-19	-8.96E-01	0.00E+00	-1.93E-09	-2.56E-08	-1.45E-03	0.00E+00	-4.34E-01	0.00E+00	-8.96E-01	-2.35E-05	-8.96E-01	-1.31E+00	-4.34E-01	0.00E+00	0.00E+00	0.00E+00	-8.00E+01
NBN320A	-2.57E-02	-1.63E-01	-5.42E-03	-1.58E-01	0.00E+00	0.00E+00	-6.39E+00	-2.57E-03	-1.13E-03	-1.44E-02	0.00E+00	6.28E-20	-5.39E-09	-2.98E-07	-2.69E-03	-2.77E+00	0.00E+00	0.00E+00	-6.22E+00	2.18E-19	-3.38E+00	0.00E+00	-1.08E-08	-6.23E-08	-4.68E-03	0.00E+00	-6.69E-01	0.00E+00	-3.38E+00	-7.64E-05	-3.38E+00	-4.05E+00	-6.69E-01	0.00E+00	0.00E+00	0.00E+00	-2.68E+02
NBN320N	-9.00E-03	-2.87E-02	3.27E-03	-6.99E-02	0.00E+00	0.00E+00	-1.42E+00	-1.25E-03	5.09E-04	-6.90E-03	0.00E+00	4.60E-20	-2.04E-09	-1.32E-07	-1.53E-02	-4.60E+00	0.00E+00	0.00E+00	-2.22E+00	1.53E-19	-4.52E-01	0.00E+00	-1.11E-09	-2.98E-08	-2.20E-03	0.00E+00	-5.68E-01	0.00E+00	-4.52E-01	-3.55E-05	-4.52E-01	-9.35E-01	-5.68E-01	0.00E+00	0.00E+00	0.00E+00	-9.31E+01
NBN325N	-1.27E-02	-3.94E-02	2.57E-03	-7.59E-02	0.00E+00	0.00E+00	-2.42E+00	-1.50E-03	3.53E-04	-9.47E-03	0.00E+00	4.60E-20	-2.54E-09	-1.74E-07	-1.55E-02	-4.86E+00	0.00E+00	0.00E+00	-2.99E+00	1.53E-19	-6.69E-01	0.00E+00	-8.94E-10	-3.62E-08	-2.38E-03	0.00E+00	-6.40E-01	0.00E+00	-6.69E-01	-5.02E-05	-6.69E-01	-1.06E+00	-6.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
NBN332A	-3.37E-02	-1.23E-01	-5.53E-03	-1.17E-01	0.00E+00	0.00E+00	-8.22E+00	-3.40E-03	-1.42E-03	-1.82E-02	0.00E+00	7.94E-20	-5.93E-09	-3.94E-07	-2.77E-03	-3.38E+00	0.00E+00	0.00E+00	-7.14E+00	2.69E-19	-3.41E+00	0.00E+00	-1.06E-08	-7.37E-08	-5.75E-03	0.00E+00	-7.54E-01	0.00E+00	-3.41E+00	-9.98E-05	-3.41E+00	-4.17E+00	-7.54E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+02
NBN332N	-1.15E-02	9.55E-03	2.42E-03	-3.09E-02	0.00E+00	0.00E+00	-1.87E+00	-1.36E-03	1.07E-03	-6.71E-03	0.00E+00	4.60E-20	-2.10E-09	-2.02E-07	-1.53E-02	-5.00E+00	0.00E+00	0.00E+00	-2.35E+00	1.53E-19	-4.47E-01	0.00E+00	4.45E-09	-3.39E-08	-2.22E-03	0.00E+00	-6.14E-01	0.00E+00	-4.47E-01	-5.65E-05	-4.47E-01	-9.03E-01	-6.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
NBN340N	-1.12E-02	3.89E-03	3.84E-03	1.72E-02	0.00E+00	0.00E+00	-1.21E+00	-1.14E-03	1.11E-03	-5.72E-03	0.00E+00	4.60E-20	-2.53E-09	-2.56E-07	-1.53E-02	-5.63E+00	0.00E+00	0.00E+00	-1.93E+00	1.53E-19	-2.62E-01	0.00E+00	4.86E-09	-3.47E-08	-2.19E-03	0.00E+00	-5.78E-01	0.00E+00	-2.62E-01	-6.33E-05	-2.62E-01	-4.62E-01	-5.78E-01	0.00E+00	0.00E+00	0.00E+00	-8.71E+01
NBN350N	-3.63E-03	7.95E-02	5.04E-03	6.76E-02	0.00E+00	0.00E+00	-1.54E+00	-1.20E-03	1.81E-03	-3.20E-03	0.00E+00	4.60E-20	-1.49E-09	-1.26E-07	-7.31E-03	-1.70E+00	0.00E+00	0.00E+00	-1.93E+00	1.53E-19	-2.09E-02	0.00E+00	1.12E-08	-3.15E-08	-6.67E-04	0.00E+00	-3.03E-01	0.00E+00	-2.09E-02	-3.87E-05	-2.09E-02	-3.54E-01	-3.03E-01	0.00E+00	0.00E+00	0.00E+00	-9.00E+01
NBN363A	-4.59E-02	7.80E-02	-1.58E-03	7.96E-02	0.00E+00	0.00E+00	-9.51E+00	-4.69E-03	-1.74E-03	-2.29E-02	0.00E+00	1.28E-19	-5.39E-09	-5.44E-07	-2.76E-02	-4.12E+00	0.00E+00	0.00E+00	-7.91E+00	4.41E-19	-1.24E+00	0.00E+00	4.47E-09	-7.83E-08	-6.65E-03	0.00E+00	-9.23E-01	0.00E+00	-1.24E+00	-1.35E-04	-1.24E+00	-2.17E+00	-9.23E-01	0.00E+00	0.00E+00	0.00E+00	-3.46E+02
NBN363N	-9.19E-03	6.61E-02	4.74E-03	5.67E-02	0.00E+00	0.00E+00	-1.57E+00	-2.13E-03	1.52E-03	-5.40E-03	0.00E+00	4.60E-20	-2.03E-09	-1.81E-07	-7.16E-03	-1.86E+00	0.00E+00	0.00E+00	-1.90E+00	1.53E-19	2.05E-02	0.00E+00	1.03E-08	-3.55E-08	-1.68E-03	0.00E+00	-2.76E-01	0.00E+00	2.05E-02	-4.71E-05	2.05E-02	-1.32E-01	-2.76E-01	0.00E+00	0.00E+00	0.00E+00	-8.60E+01
NBN410	-9.28E-03	-1.10E-01	1.94E-04	-1.69E-01	0.00E+00	0.00E+00	-1.93E+00	-5.31E-04	6.10E-04	-7.64E-03	0.00E+00	4.60E-20	-3.14E-09	-1.09E-07	-2.68E-03	-2.54E+00	0.00E+00	0.00E+00	-2.97E+00	1.53E-19	-1.26E+00	0.00E+00	-2.75E-09	-2.29E-08	-2.42E-03	0.00E+00	-5.51E-01	0.00E+00	-1.26E+00	-3.81E-05	-1.26E+00	-2.03E+00	-5.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NBN416A	-4.75E-03	-1.08E-01	-2.30E-04	-1.47E-01	0.00E+00	0.00E+00	-1.51E+00	-4.56E-04	6.36E-04	-5.57E-03	0.00E+00	4.60E-20	-3.31E-09	-6.63E-08	-2.38E-03	-2.43E+00	0.00E+00	0.00E+00	-2.89E+00	1.53E-19	-1.94E+00	0.00E+00	-2.56E-09	-2.27E-08	-2.19E-03	0.00E+00	-5.73E-01	0.00E+00	-1.94E+00	-2.16E-05	-1.94E+00	-2.60E+00	-5.73E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
NBN416N	-6.78E-03	-1.12E-01	3.01E-03	-1.53E-01	0.00E+00	0.00E+00	-1.82E+00	-1.17E-03	4.14E-04	-6.48E-03	0.00E+00	4.60E-20	-2.41E-09	-9.27E-08	-1.09E-02	-2.52E+00	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	-7.85E-01	0.00E+00	-1.92E-09	-3.20E-08	-1.84E-03	0.00E+00	-5.75E-01	0.00E+00	-7.85E-01	-3.16E-05	-7.85E-01	-1.10E+00	-5.75E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
NBN425N	-6.17E-03	6.77E-02	4.51E-03	2.55E-02	0.00E+00	0.00E+00	-7.25E-01	-9.05E-04	1.67E-03	-5.06E-03	0.00E+00	4.60E-20	-1.87E-09	-8.78E-08	-1.26E-02	-4.59E+00	0.00E+00	0.00E+00	-1.30E+00	1.53E-19	-7.08E-01	0.00E+00	1.64E-09	-1.74E-08	-1.97E-03	0.00E+00	-6.45E-01	0.00E+00	-7.08E-01	-3.50E-05	-7.08E-01	-9.48E-01	-6.45E-01	0.00E+00	0.00E+00	0.00E+00	-6.68E+01
NBN432N	-1.49E-02	1.05E-01	4.58E-03	7.53E-02	0.00E+00	0.00E+00	-1.90E+00	-1.62E-03	1.67E-03	-8.33E-03	0.00E+00	4.60E-20	-2.44E-09	-1.23E-07	-1.32E-02	-4.91E+00	0.00E+00	0.00E+00	-2.05E+00	1.53E-19	-7.41E-01	0.00E+00	3.04E-09	-2.00E-08	-2.62E-03	0.00E+00	-6.96E-01	0.00E+00	-7.41E-01	-5.32E-05	-7.41E-01	-1.00E+00	-6.96E-01	0.00E+00	0.00E+00	0.00E+00	-9.64E+01
NBN516	-9.91E-03	-2.44E-01	-3.28E-03	-2.41E-01	0.00E+00	0.00E+00	-2.53E+00	-9.56E-04	-5.28E-04	-6.81E-03	0.00E+00	1.74E-20	-2.76E-09	-1.10E-07	-2.45E-03	-2.00E+00	0.00E+00	0.00E+00	-2.85E+00	5.17E-20	-2.27E+00	0.00E+00	-9.70E-09	-3.11E-08	-2.27E-03	0.00E+00	-4.34E-01	0.00E+00	-2.27E+00	-2.92E-05	-2.27E+00	-2.70E+00	-4.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.22E+02
NBN520	-2.59E-03	3.13E-02	3.64E-03	2.11E-02	0.00E+00	0.00E+00	2.42E-01	-1.70E-04	4.76E-04	-4.63E-04	0.00E+00	4.60E-20	-1.11E-09	-2.17E-08	9.37E-04	-1.15E+00	0.00E+00	0.00E+00	-3.50E-01	1.53E-19	2.57E-01	0.00E+00	3.12E-09	-4.73E-09	-4.13E-04	0.00E+00	-1.73E-01	0.00E+00	2.57E-01	-6.23E-06	2.57E-01	2.83E-01	-1.73E-01	0.00E+00	0.00E+00	0.00E+00	-2.16E+01
NBN606	2.82E-03	6.30E-01	1.45E-02	6.16E-01	0.00E+00	0.00E+00	3.51E+00	6.13E-06	1.24E-03	5.48E-03	0.00E+00	1.94E-19	4.00E-10	1.52E-08	2.35E-02	4.99E-01	0.00E+00	0.00E+00	2.30E+00	6.72E-19	4.79E+00	0.00E+00	3.95E-08	1.81E-08	1.41E-03	0.00E+00	3.81E-01	0.00E+00	4.79E+00	6.24E-07	4.79E+00	5.17E+00	3.81E-01	0.00E+00	0.00E+00	0.00E+00	7.91E+01
NBN610	-1.66E-02	-4.22E-01	-5.62E-03	-4.16E-01	0.00E+00	0.00E+00	-4.27E+00	-1.59E-03	-9.15E-04	-1.15E-02	0.00E+00	4.22E-20	-5.12E-09	-1.84E-07	-3.71E-03	-3.58E+00	0.00E+00	0.00E+00	-5.06E+00	1.31E-19	-4.14E+00	0.00E+00	-1.66E-08	-5.56E-08	-3.96E-03	0.00E+00	-7.83E-01	0.00E+00	-4.14E+00	-4.94E-05	-4.14E+00	-4.92E+00	-7.83E-01	0.00E+00	0.00E+00	0.00E+00	-2.17E+02
NBN616	-1.79E-02	-1.91E-02	4.25E-03	-2.34E-02	0.00E+00	0.00E+00	-2.21E+00	-1.86E-03	-6.99E-04	-9.17E-03	0.00E+00	1.25E-19	-2.38E-09	-2.12E-07	1.03E-02	-3.51E+00	0.00E+00	0.00E+00	-2.13E+00	4.00E-19	7.12E-01	0.00E+00	1.06E-08	-3.11E-08	-2.76E-03	0.00E+00	-4.44E-01	0.00E+00	7.12E-01	-5.39E-05	7.12E-01	2.68E-01	-4.44E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02
NBN620	1.14E-03	-2.76E-01	3.65E-03	-2.79E-01	0.00E+00	0.00E+00	9.25E-02	-1.23E-04	1.88E-03	-2.70E-03	0.00E+00	5.93E-20	-3.17E-09	1.14E-08	2.39E-03	-1.70E+00	0.00E+00	0.00E+00	-1.10E+00	1.89E-19	-2.31E+00	0.00E+00	-4.52E-09	-2.46E-08	-1.41E-03	0.00E+00	-2.88E-01	0.00E+00	-2.31E+00	-6.60E-06	-2.31E+00	-2.60E+00	-2.88E-01	0.00E+00	0.00E+00	0.00E+00	-5.04E+01
NBN625	-3.50E-02	-3.46E-01	-1.00E-02	-3.36E-01	0.00E+00	0.00E+00	-9.20E+00	-3.44E-03	-1.61E-03	-2.04E-02	0.00E+00	5.64E-20	-7.85E-09	-4.00E-07	-4.97E-02	-4.20E+00	0.00E+00	0.00E+00	-9.74E+00	2.16E-19	-6.36E+00	0.00E+00	-2.16E-08	-9.38E-08	-6.75E-03	0.00E+00	-1.30E+00	0.00E+00	-6.36E+00	-1.03E-04	-6.36E+00	-7.65E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-4.12E+02
NBN632	-4.64E-02	-7.00E-01	-1.26E-02	-6.87E-01	0.00E+00	0.00E+00	-1.19E+01	-4.56E-03	-2.26E-03	-2.87E-02	0.00E+00	2.92E-20	-8.62E-09	-5.30E-07	-1.22E-02	-6.41E+00	0.00E+00	0.00E+00	-1.05E+01	7.30E-20	-7.00E+00	0.00E+00	-3.35E-08	-1.12E-07	-8.86E-03	0.00E+00	-1.40E+00	0.00E+00	-7.00E+00	-1.34E-04	-7.00E+00	-8.39E+00	-1.40E+00	0.00E+00	0.00E+00	0.00E+00	-4.49E+02
NBN640	-6.14E-02	-7.20E-01	-1.46E-02	-7.05E-01	0.00E+00	0.00E+00	-1.51E+01	-6.07E-03	-2.86E-03	-3.64E-02	0.00E+00	3.31E-20	-9.93E-09	-7.07E-07	-1.28E-02	-8.16E+00	0.00E+00	0.00E+00	-1.33E+01	9.66E-20	-7.10E+00	0.00E+00	-3.41E-08	-1.34E-07	-1.08E-02	0.00E+00	-1.74E+00	0.00E+00	-7.10E+00	-1.78E-04	-7.10E+00	-8.84E+00	-1.74E+00	0.00E+00	0.00E+00	0.00E+00	-5.68E+02
NBN650	6.79E-03	7.17E-01	2.25E-02	6.94E-01	0.00E+00	0.00E+00	4.45E+00	-3.23E-05	4.49E-03	6.28E-03	0.00E+00	2.07E-19	4.62E-10	4.40E-08	2.74E-02	2.14E-01	0.00E+00	0.00E+00	3.25E+00	7.35E-19	5.79E+00	0.00E+00	4.82E-08	2.39E-08	1.82E-03	0.00E+00	4.42E-01	0.00E+00	5.79E+00	-1.19E-06	5.79E+00	6.24E+00	4.42E-01	0.00E+00	0.00E+00	0.00E+00	1.14E+02

NC101E	-6.24E-03	-7.01E-02	2.28E-04	-3.25E-02	0.00E+00	0.00E+00	-1.02E+00	-6.28E-04	1.23E-05	-2.89E-03	0.00E+00	4.60E-20	-1.16E-09	-7.38E-08	-2.57E-03	-1.01E+00	0.00E+00	0.00E+00	-1.02E+00	1.53E-19	-2.92E-01	0.00E+00	1.57E-10	-1.39E-08	-1.34E-03	0.00E+00	-1.70E-01	0.00E+00	-2.92E-01	-2.07E-05	-2.92E-01	-5.16E-01	-1.70E-01	0.00E+00	0.00E+00	0.00E+00	-4.47E+01
NC104E	-4.09E-03	2.35E-02	5.45E-04	3.04E-02	0.00E+00	0.00E+00	-8.38E-01	-5.78E-04	5.41E-05	-2.07E-03	0.00E+00	4.60E-20	-9.86E-10	-5.93E-08	-1.57E-03	-7.34E-01	0.00E+00	0.00E+00	-8.25E-01	1.53E-19	-1.63E-01	0.00E+00	1.02E-09	-1.05E-08	-9.38E-04	0.00E+00	-1.25E-01	0.00E+00	-1.63E-01	-1.73E-05	-1.63E-01	-3.34E-01	-1.25E-01	0.00E+00	0.00E+00	0.00E+00	-3.65E+01
NC106A	4.41E-04	1.11E-01	2.75E-03	1.09E-01	0.00E+00	0.00E+00	6.35E-01	-7.03E-06	2.46E-04	9.11E-04	0.00E+00	3.85E-20	-9.84E-11	2.37E-09	-1.09E-03	1.21E-01	0.00E+00	0.00E+00	2.87E-01	1.36E-19	6.47E-01	0.00E+00	6.94E-09	1.39E-09	1.73E-04	0.00E+00	4.21E-02	0.00E+00	6.47E-01	-2.57E-07	6.47E-01	6.89E-01	4.21E-02	0.00E+00	0.00E+00	0.00E+00	9.23E+00
NC110A	-3.80E-04	-1.13E-01	-8.44E-04	-1.12E-01	0.00E+00	0.00E+00	-2.47E-01	-3.40E-05	7.53E-05	-1.11E-03	0.00E+00	2.72E-21	-9.93E-10	-1.63E-09	-6.36E-03	-4.00E-01	0.00E+00	0.00E+00	-7.61E-01	1.04E-20	-1.07E+00	0.00E+00	-3.97E-09	-8.97E-09	-5.13E-04	0.00E+00	-1.40E-01	0.00E+00	-1.07E+00	-1.94E-06	-1.07E+00	-1.21E+00	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-3.16E+01
NC110E	-9.79E-04	3.09E-02	1.20E-03	4.76E-02	0.00E+00	0.00E+00	-4.60E-02	-5.86E-05	1.13E-04	-5.28E-04	0.00E+00	4.60E-20	-5.35E-10	-4.26E-09	-2.08E-03	-3.10E-01	0.00E+00	0.00E+00	-2.71E-01	1.53E-19	-6.64E-02	0.00E+00	8.99E-10	-4.51E-09	-3.36E-04	0.00E+00	-5.31E-02	0.00E+00	-6.64E-02	-1.88E-06	-6.64E-02	-1.00E-01	-5.31E-02	0.00E+00	0.00E+00	0.00E+00	-1.33E+01
NC113A	-1.23E-03	4.09E-02	1.02E-03	4.56E-02	0.00E+00	0.00E+00	2.93E-02	-7.94E-05	1.16E-04	-6.14E-04	0.00E+00	4.60E-20	-4.69E-10	-6.22E-09	-5.90E-04	-3.07E-01	0.00E+00	0.00E+00	-2.59E-01	1.53E-19	1.62E-02	0.00E+00	2.06E-09	-3.79E-09	-3.24E-04	0.00E+00	-3.38E-02	0.00E+00	1.62E-02	-2.29E-06	1.62E-02	3.63E-03	-3.38E-02	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
NC116A	1.42E-04	3.39E-02	1.17E-03	3.27E-02	0.00E+00	0.00E+00	1.25E-01	-2.51E-05	2.29E-04	1.54E-04	0.00E+00	2.71E-20	-6.39E-10	4.63E-10	1.69E-03	-2.65E-01	0.00E+00	0.00E+00	-1.70E-01	9.43E-20	-1.94E-01	0.00E+00	1.78E-09	-3.89E-09	-1.41E-04	0.00E+00	-3.53E-02	0.00E+00	-1.94E-01	-1.28E-06	-1.94E-01	-2.30E-01	-3.53E-02	0.00E+00	0.00E+00	0.00E+00	-8.86E+00
NC120A	8.16E-04	1.58E-01	4.10E-03	1.54E-01	0.00E+00	0.00E+00	9.59E-01	1.81E-06	3.78E-04	1.39E-03	0.00E+00	4.97E-20	1.75E-10	4.67E-09	5.96E-03	7.18E-02	0.00E+00	0.00E+00	7.41E-01	1.71E-19	1.27E+00	0.00E+00	1.02E-08	4.95E-09	3.68E-04	0.00E+00	1.04E-01	0.00E+00	1.27E+00	2.60E-07	1.27E+00	1.37E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	2.66E+01
NC125A	9.31E-04	1.59E-01	4.35E-03	1.54E-01	0.00E+00	0.00E+00	1.01E+00	1.91E-06	4.85E-04	1.39E-03	0.00E+00	4.87E-20	1.80E-10	5.79E-09	7.87E-04	2.46E-01	0.00E+00	0.00E+00	6.99E-01	1.70E-19	1.24E+00	0.00E+00	1.06E-08	4.88E-09	3.73E-04	0.00E+00	1.02E-01	0.00E+00	1.24E+00	2.56E-07	1.24E+00	1.34E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+01
NC132A	-8.44E-03	3.30E-02	7.26E-04	4.40E-02	0.00E+00	0.00E+00	-1.67E+00	-1.07E-03	-4.50E-05	-4.54E-03	0.00E+00	4.60E-20	-1.28E-09	-1.33E-07	-9.26E-04	-9.59E-01	0.00E+00	0.00E+00	-1.66E+00	1.53E-19	-9.20E-02	0.00E+00	2.12E-09	-1.81E-08	-1.37E-03	0.00E+00	-1.49E-01	0.00E+00	-9.20E-02	-3.21E-05	-9.20E-02	-2.13E-01	-1.49E-01	0.00E+00	0.00E+00	0.00E+00	-7.06E+01
NC140A	-5.36E-03	3.64E-02	1.44E-03	2.99E-02	0.00E+00	0.00E+00	-1.43E+00	-7.47E-04	2.63E-04	-3.39E-03	0.00E+00	4.60E-20	-1.17E-09	-8.89E-08	-1.29E-03	-8.76E-01	0.00E+00	0.00E+00	-1.45E+00	1.53E-19	-7.25E-02	0.00E+00	4.01E-09	-1.43E-08	-9.85E-04	0.00E+00	-1.61E-01	0.00E+00	-7.25E-02	-2.46E-05	-7.25E-02	-1.64E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-6.34E+01
NC202E	-7.71E-03	-6.22E-02	4.99E-04	-5.26E-02	0.00E+00	0.00E+00	-1.18E+00	-8.03E-04	4.80E-06	-3.47E-03	0.00E+00	4.60E-20	-1.47E-09	-7.69E-08	-6.81E-03	-1.61E+00	0.00E+00	0.00E+00	-1.28E+00	1.53E-19	-3.49E-01	0.00E+00	1.33E-09	-1.45E-08	-1.80E-03	0.00E+00	-2.61E-01	0.00E+00	-3.49E-01	-2.65E-05	-3.49E-01	-6.20E-01	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-5.55E+01
NC204E	-7.04E-03	2.22E-02	5.86E-04	-4.76E-03	0.00E+00	0.00E+00	-1.28E+00	-8.33E-04	-1.41E-05	-3.13E-03	0.00E+00	4.60E-20	-1.45E-09	-9.44E-08	-6.68E-03	-1.68E+00	0.00E+00	0.00E+00	-1.38E+00	1.53E-19	-2.98E-01	0.00E+00	1.49E-09	-1.34E-08	-1.68E-03	0.00E+00	-2.74E-01	0.00E+00	-2.98E-01	-2.88E-05	-2.98E-01	-5.90E-01	-2.74E-01	0.00E+00	0.00E+00	0.00E+00	-6.04E+01
NC206A	-2.62E-03	3.00E-02	2.65E-03	1.83E-02	0.00E+00	0.00E+00	-1.64E-01	-2.61E-04	1.42E-04	-9.82E-04	0.00E+00	4.60E-20	-6.33E-10	-2.85E-08	-5.76E-03	-8.03E-01	0.00E+00	0.00E+00	-5.83E-01	1.53E-19	-5.03E-02	0.00E+00	3.99E-09	-4.90E-09	-4.84E-04	0.00E+00	-1.46E-01	0.00E+00	-5.03E-02	-7.96E-06	-5.03E-02	-1.24E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
NC210A	1.12E-03	2.60E-01	6.48E-03	2.54E-01	0.00E+00	0.00E+00	1.68E+00	2.87E-06	5.35E-04	2.29E-03	0.00E+00	8.53E-20	1.40E-10	6.70E-09	-7.90E-03	-1.26E-01	0.00E+00	0.00E+00	7.24E-01	3.02E-19	1.89E+00	0.00E+00	1.78E-08	6.36E-09	5.79E-04	0.00E+00	1.01E-02	0.00E+00	1.89E+00	1.99E-07	1.89E+00	1.90E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	2.41E+01
NC213A	-5.91E-03	2.48E-01	5.02E-03	2.43E-01	0.00E+00	0.00E+00	-5.86E-02	-6.75E-04	-7.71E-05	-1.26E-03	0.00E+00	9.53E-20	-5.42E-10	-7.57E-08	9.52E-03	-3.28E-01	0.00E+00	0.00E+00	-9.49E-02	3.22E-19	1.71E+00	0.00E+00	1.53E-08	-4.16E-09	-4.45E-04	0.00E+00	5.97E-02	0.00E+00	1.71E+00	-1.90E-05	1.71E+00	1.77E+00	5.97E-02	0.00E+00	0.00E+00	0.00E+00	-1.28E+01
NC216A	-6.89E-03	-6.00E-02	1.23E-03	-6.13E-02	0.00E+00	0.00E+00	-7.23E-01	-6.91E-04	-2.99E-04	-3.86E-03	0.00E+00	4.33E-20	-1.17E-09	-7.87E-08	-1.46E-02	-1.25E+00	0.00E+00	0.00E+00	-1.31E+00	1.47E-19	-1.80E-01	0.00E+00	3.28E-09	-1.49E-08	-1.19E-03	0.00E+00	-2.84E-01	0.00E+00	-1.80E-01	-2.03E-05	-1.80E-01	-4.64E-01	-2.84E-01	0.00E+00	0.00E+00	0.00E+00	-5.89E+01
NC220A	-3.08E-03	3.21E-02	2.01E-03	-7.33E-03	0.00E+00	0.00E+00	-6.21E-01	-4.35E-04	1.08E-04	-2.11E-03	0.00E+00	4.60E-20	-1.13E-09	-4.65E-08	-1.53E-03	-1.13E+00	0.00E+00	0.00E+00	-1.30E+00	1.53E-19	-3.57E-01	0.00E+00	4.02E-09	-9.96E-09	-7.75E-04	0.00E+00	-2.18E-01	0.00E+00	-3.57E-01	-1.57E-05	-3.57E-01	-5.58E-01	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-5.64E+01
NC306A	-7.72E-03	-1.65E-02	3.41E-03	-1.99E-02	0.00E+00	0.00E+00	-4.33E-01	-8.08E-04	-3.03E-04	-4.00E-03	0.00E+00	7.87E-20	-1.25E-09	-9.07E-08	7.43E-03	-1.54E+00	0.00E+00	0.00E+00	-7.40E-01	2.53E-19	5.82E-01	0.00E+00	7.58E-09	-1.44E-08	-1.27E-03	0.00E+00	-1.61E-01	0.00E+00	5.82E-01	-2.35E-05	5.82E-01	4.21E-01	-1.61E-01	0.00E+00	0.00E+00	0.00E+00	-3.95E+01
NC310A	-1.18E-03	-3.50E-01	-2.62E-03	-3.48E-01	0.00E+00	0.00E+00	-7.13E-01	-9.78E-05	2.22E-04	-3.37E-03	0.00E+00	7.58E-21	-2.87E-09	-4.65E-09	-3.09E-02	-1.71E+00	0.00E+00	0.00E+00	-2.42E+00	2.91E-20	-3.32E+00	0.00E+00	-1.20E-08	-2.73E-08	-1.52E-03	0.00E+00	-5.64E-01	0.00E+00	-3.32E+00	-5.62E-06	-3.32E+00	-3.89E+00	-5.64E-01	0.00E+00	0.00E+00	0.00E+00	-9.92E+01
NC313A	-4.37E-03	6.05E-03	1.33E-03	-1.88E-02	0.00E+00	0.00E+00	-9.08E-01	-6.76E-04	-4.28E-05	-5.66E-03	0.00E+00	4.60E-20	-1.36E-09	-8.12E-08	1.36E-04	-1.46E+00	0.00E+00	0.00E+00	-1.93E+00	1.53E-19	-8.66E-01	0.00E+00	1.60E-09	-1.31E-08	-1.03E-03	0.00E+00	-3.21E-01	0.00E+00	-8.66E-01	-2.05E-05	-8.66E-01	-9.80E-01	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-8.35E+01
NC316A	-6.12E-05	6.44E-03	1.11E-03	5.33E-03	0.00E+00	0.00E+00	-3.41E-01	-9.69E-05	6.03E-04	-5.14E-04	0.00E+00	6.56E-20	-2.54E-09	-1.76E-09	2.00E-03	-6.44E-01	0.00E+00	0.00E+00	-1.25E+00	2.26E-19	-1.72E+00	0.00E+00	-1.20E-09	-1.84E-08	-8.20E-04	0.00E+00	-1.60E-01	0.00E+00	-1.72E+00	-5.06E-06	-1.72E+00	-1.88E+00	-1.60E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
NC320A	-1.40E-02	-3.39E-01	-3.68E-03	-3.35E-01	0.00E+00	0.00E+00	-3.33E+00	-1.35E-03	-7.60E-04	-9.55E-03	0.00E+00	2.91E-20	-3.60E-09	-1.55E-07	-3.06E-02	-2.52E+00	0.00E+00	0.00E+00	-3.92E+00	9.09E-20	-3.20E+00	0.00E+00	-1.16E-08	-4.38E-08	-3.18E-03	0.00E+00	-6.86E-01	0.00E+00	-3.20E+00	-4.06E-05	-3.20E+00	-3.89E+00	-6.86E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
NC325A	2.07E-03	1.46E-01	1.06E-02	1.35E-01	0.00E+00	0.00E+00	2.77E+00	5.45E-06	1.24E-03	1.60E-03	0.00E+00	1.02E-19	4.77E-10	1.65E-08	-1.34E-02	-4.83E-01	0.00E+00	0.00E+00	1.64E+00	3.42E-19	2.58E+00	0.00E+00	2.20E-08	8.47E-09	5.19E-04	0.00E+00	1.63E-02	0.00E+00	2.58E+00	6.10E-07	2.58E+00	2.60E+00	1.63E-02	0.00E+00	0.00E+00	0.00E+00	6.05E+01
NC332A	-3.44E-02	-4.83E-01	-9.02E-03	-4.74E-01	0.00E+00	0.00E+00	-8.79E+00	-3.42E-03	-1.38E-03	-2.12E-02	0.00E+00	1.80E-20	-6.37E-09	-3.95E-07	-8.40E-03	-4.63E+00	0.00E+00	0.00E+00	-8.07E+00	5.43E-20	-4.83E+00	0.00E+00	-2.23E-08	-8.13E-08	-6.45E-03	0.00E+00	-1.04E+00	0.00E+00	-4.83E+00	-1.01E-04	-4.83E+00	-5.87E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-3.45E+02
NC340A	-2.03E-03	1.34E-01	4.84E-03	1.29E-01	0.00E+00	0.00E+00	-4.36E-01	-4.98E-04	2.02E-03	-1.42E-03	0.00E+00	7.63E-20	-2.55E-09	-3.40E-08	-2.26E-02	-1.80E-01	0.00E+00	0.00E+00	-1.80E+00	2.92E-19	-8.97E-01	0.00E+00	7.81E-09	-1.82E-08	-8.73E-04	0.00E+00	-2.18E-01	0.00E+00	-8.97E-01	-1.96E-05	-8.97E-01	-1.12E+00	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-7.99E+01
NC350A	-4.77E-02	-3.67E-01	-6.78E-03	-3.61E-01	0.00E+00	0.00E+00	-1.08E+01	-4.78E-03	-2.10E-03	-2.69E-02	0.00E+00	6.27E-20	-6.42E-09	-5.56E-07	-3.93E-03	-5.26E+00	0.00E+00	0.00E+00	-8.74E+00	1.92E-19	-3.37E+00	0.00E+00	-1.43E-08	-9.18E-08	-7.83E-03	0.00E+00	-1.03E+00	0.00E+00	-3.37E+00	-1.38E-04	-3.37E+00	-4.40E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-3.79E+02
NC363A	-4.96E-02	-6.40E-01	-1.36E-02	-6.27E-01	0.00E+00	0.00E+00	-1.26E+01	-4.89E-03	-2.36E-03	-2.99E-02	0.00E+00	1.10E-20	-8.43E-09	-5.70E-07	-1.30E-02	-6.31E+00	0.00E+00	0.00E+00	-1.12E+01	2.73E-20	-6.53E+00	0.00E+00	-3.21E-08	-1.12E-07	-8.98E-03	0.00E+00	-1.42E+00	0.00E+00	-6.53E+00	-1.44E-04	-6.53E+00	-7.95E+00	-1.42E+00	0.00E+00	0.00E+00	0.00E+00	-4.80E+02
NC406A	-8.51E-03	9.89E-03	3.34E-03	3.89E-03	0.00E+00	0.00E+00	-7.94E-01	-9.13E-04	-2.15E-04	-5.42E-03	0.00E+00	4.60E-20	-1.91E-09	-9.63E-08	-9.41E-04	-1.79E+00	0.00E+00	0.00E+00	-1.53E+00	1.53E-19	-2.37E-03	0.00E+00	1.61E-09	-2.07E-08	-1.79E-03	0.00E+00	-2.55E-01	0.00E+00	-2.37E-03	-2.45E-05	-2.37E-03	-1.89E-01	-2.55E-01	0.00E+00	0.00E+00	0.00E+00	-7.32E+01
NC410A	-8.94E-03	3.03E-02	2.19E-03	6.50E-02	0.00E+00	0.00E+00	-7.18E-01	-8.40E-04	3.76E-04	-5.30E-03	0.00E+00	4.60E-20	-2.45E-09	-6.22E-08	-9.76E-04	-1.44E+00	0.00E+00	0.00E+00	-1.57E+00	1.53E-19	-3.77E-01	0.00E+00	2.90E-10	-1.92E-08	-1.25E-03	0.00E+00	-2.68E-01	0.00E+00	-3.77E-01	-1.48E-05	-3.77E-01	-5.82E-01	-2.68E-01	0.00E+00	0.00E+00	0.00E+00	-7.30E+01
NC416A	-7.82E-03	5.00E-02	2.59E-03	8.02E-02	0.00E+00	0.00E+00	-3.98E-01	-9.19E-04	4.35E-04	-4.71E-03	0.00E+00	4.60E-20	-2.28E-09	-4.81E-08	-1.41E-03	-1.43E+00	0.00E+00	0.00E+00	-9.75E-01	1.53E-19	2.61E-01	0.00E+00	2.45E-09	-1.69E-08	-1.08E-03	0.00E+00	-2.28E-01	0.00E+00	2.61E-01	-1.40E-05	2.61E-01	1.11E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-5.20E+01
NC420A	-6.27E-03	6.11E-02	3.28E-03	1.11E-01	0.00E+00	0.00E+00	-1.35E-01	-8.90E-04	5.07E-04	-3.41E-03	0.00E+00	4.60E-20	-1.87E-09	-4.32E-08	-2.72E-04	-1.47E+00	0.00E+00	0.00E+00	-8.62E-01	1.53E-19	7.58E-01	0.00E+00	8.96E-09	-1.02E-08	-1.10E-03	0.00E+00	-1.80E-01	0.00E+00	7.58E-01	-1.62E-05	7.58E-01	5.90E-01	-1.80E-01	0.00E+00	0.00E+00	0.00E+00	-4.69E+01
NC425A	-1.66E-02	4.31E-02	2.47E-03	1.26E-01	0.00E+00	0.00E+00	-1.96E+00	-2.17E-03	3.03E-04	-8.17E-03	0.00E+00	4.60E-20	-2.11E-09	-2.25E-07	-3.58E-03	-2.13E+00	0.00E+00	0.00E+00	-2.49E+00	1.53E-19	8.16E-02	0.00E+00	6.71E-09	-3.79E-08	-2.67E-03	0.00E+00	-3.10E-01	0.00E+00	8.16E-02	-5.59E-05	8.16E-02	-2.40E-01	-3.10E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NC432A	-3.85E-02	-5.13E-02	-1.51E-03	-6.49E-03	0.00E+00	0.00E+00	-5.69E+00	-4.41E-03	1.26E-03	-2.00E-02	0.00E+00	4.60E-20	-5.41E-09	-3.57E-07	-2.74E-03	-2.95E+00	0.00E+00	0.00E+00	-5.70E+00	1.53E-19	-1.61E+00	0.00E+00	2.28E-09	-7.41E-08	-6.39E-03	0.00E+00	-8.93E-01	0.00E+00	-1.61E+00	-1.11E-04	-1.61E+00	-2.53E+00	-8.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.51E+02
NC450A	-6.17E-02	-3.31E-01	-9.80E-03	-3.35E-01	0.00E+00	0.00E+00	-9.73E+00	-6.07E-03	-2.78E-03	-3.47E-02	0.00E+00	4.60E-20	-8.61E-09	-6.78E-07	-6.84E-03	-6.55E+00	0.00E+00	0.00E+00	-8.64E+00	1.53E-19	-2.70E+00	0.00E+00	-7.41E-09	-1.18E-07	-1.02E-02	0.00E+00	-9.08E-01	0.00E+00	-2.70E+00	-1.74E-04	-2.70E+00	-3.55E+00	-9.08E-01	0.00E+00	0.00E+00	0.00E+00	-3.76E+02
NCN025	1.08E-03	1.62E-01	4.81E-03	1.57E-01	0.00E+00	0.00E+00	1.04E+00	-7.96E-06	6.42E-04	1.40E-03	0.00E+00	5.15E-20	1.87E-10	6.32E-09	6.42E-03	4.19E-02	0.00E+00	0.00E+00	8.31E-01	1.78E-19	1.37E+00	0.00E+00	1.11E-08	5.40E-09	3.89E-04	0.00E+00	1.10E-01	0.00E+00	1.37E+00	-1.03E-07	1.37E+00	1.49E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	3.00E+01
NCN040	1.44E-03	7.65E-02	4.86E-03	7.16E-02	0.00E+00	0.00E+00	1.05E+00	-8.09E-06	1.01E-03	7.58E-04	0.00E+00	3.69E-20	8.88E-11	1.04E-08	5.60E-03	-8.72E-02	0.00E+00	0.00E+00	7.33E-01	1.28E-19	1.17E+00	0.00E+00	9.23E-09	4.46E-09	2.68E-04	0.00E+00	7.94E-02	0.00E+00	1.17E+00	-3.39E-07	1.17E+00	1.25E+00	7.94E-02	0.00E+00	0.00E+00	0.00E+00	2.60E+01
NCN100A	-9.89E-04	8.66E-03	2.05E-03	1.80E-02	0.00E+00	0.00E+00	2.27E-01	-1.61E-04	4.32E-04	-2.03E-04	0.00E+00	4.60E-20	-5.99E-10	-4.51E-09	-2.62E-04	-5.92E-01	0.00E+00	0.00E+00	-5.38E-02	1.53E-19	1.40E-01	0.00E+00	4.51E-09	-4.70E-09	-1.72E-04	0.00E+00	-2.88E-02	0.00E+00	1.40E-01	-3.03E-06	1.40E-01	1.66E-01	-2.88E-02	0.00E+00	0.00E+00	0.00E+00	-2.36E+00
NCN100N	-2.66E-03	-1.34E-02	1.09E-03	8.43E-04	0.00E+00	0.00E+00	-9.79E-01	-2.91E-04	2.32E-04	-2.06E-03	0.00E+00	4.60E-20	-6.61E-10	-3.22E-08	-7.32E-04	-6.63E-01	0.00E+00	0.00E+00	-8.50E-01	1.53E-19	-3.08E-01	0.00E+00	1.56E-09	-9.06E-09	-4.98E-04	0.00E+00	-1.29E-01	0.00E+00	-3.08E-01	-9.50E-06	-3.08E-01	-4.46E-01	-1.29E-01	0.00E+00	0.00E+00	0.00E+00	-3.69E+01
NCN101N	-2.73E-03	-1.34E-02	1.03E-03	-1.83E-03	0.00E+00	0.00E+00	-9.91E-01	-2.90E-04	2.32E-04	-2.06E-03	0.00E+00	4.60E-20	-6.61E-10	-3.22E-08	-1.03E-03	-6.63E-01	0.00E+00	0.00E+00	-8.70E-01	1.53E-19	-3.57E-01	0.00E+00	9.92E-10	-9.06E-09	-4.98E-04	0.00E+00	-1.31E-01	0.00E+00	-3.57E-01	-9.52E-06	-3.57E-01	-4.99E-01	-1.31E-01	0.00E+00	0.00E+00	0.00E+00	-3.75E+01
NCN102A	-8.77E-04	1.81E-02	2.12E-03	2.73E-02	0.00E+00	0.00E+00	2.61E-01	-1.48E-04	4.37E-04	-1.68E-04	0.00E+00	4.60E-20	-4.60E-10	-1.08E-09	-8.53E-05	-4.53E-01	0.00E+00	0.00E+00	-9.53E-02	1.53E-19	1.57E-01	0.00E+00	4.25E-09	-3.76E-09	-1.05E-04	0.00E+00	-4.65E-02	0.00E+00	1.57E-01	-2.68E-06	1.57E-01	1.93E-01	-4.65E-02	0.00E+00	0.00E+00	0.00E+00	-4.84E+00
NCN102N	-2.43E-03	-4.12E-03	9.02E-04	8.91E-03	0.00E+00	0.00E+00	-1.02E+00	-2.69E-04	2.28E-04	-2.04E-03	0.00E+00	4.60E-20	-5.51E-10	-3.26E-08	-8.14E-04	-6.06E-01	0.00E+00	0.00E+00	-8.65E-01	1.53E-19	-3.51E-01	0.00E+00	1.06E-09	-8.11E-09	-4.77E-04	0.00E+00	-1.29E-01	0.00E+00	-3.51E-01	-6.73E-06	-3.51E-01	-4.94E-01	-1.29E-01	0.00E+00	0.00E+00	0.00E+00	-3.70E+01
NCN103N	-2.44E-03	-5.48E-03	1.02E-03	1.25E-02	0.00E+00	0.00E+00	-9.73E-01	-2.88E-04	2.37E-04	-2.03E-03	0.00E+00	4.60E-20	-5.49E-10	-3.16E-08	-3.30E-04	-5.84E-01	0.00E+00	0.00E+00	-8.45E-01	1.53E-19	-3.01E-01	0.00E+00	1.75E-09	-8.10E-09	-4.63E-04	0.00E+00	-1.26E-01	0.00E+00	-3.01E-01	-7.84E-06	-3.01E-01	-4.40E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
NCN104N	-2.35E-03	-3.51E-03	9.59E-04	1.07E-02	0.00E+00	0.00E+00	-1.01E+00	-2.69E-04	2.26E-04	-2.03E-03	0.00E+00	4.60E-20	-5.40E-10	-3.22E-08	-1.77E-04	-6.30E-01	0.00E+00	0.00E+00	-8.38E-01	1.53E-19	-3.06E-01	0.00E+00	1.72E-09	-8.24E-09	-4.64E-04	0.00E+00	-1.26E-01	0.00E+00	-3.06E-01	-6.66E-06	-3.06E-01	-4.35E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-3.59E+01
NCN106A	5.54E-04	1.56E-01	3.53E-03	1.52E-01	0.00E+00	0.00E+00	8.47E-01	-8.43E-06	2.97E-04	1.30E-03	0.00E+00	4.64E-20	8.43E-11	2.46E-09	-1.04E-03	1.27E-02	0.00E+00	0.00E+00	4.40E-01	1.65E-19	1.08E+00	0.00E+00	9.80E-09	3.75E-09	3.28E-04	0.00E+00	3.76E-02	0.00E+00	1.08E+00	-2.09E-07	1.08E+00	1.12E+00	3.76E-02	0.00E+00	0.00E+00	0.00E+00	1.48E+01
NCN106N	-2.06E-03	-5.72E-03	1.45E-03	-2.61E-03	0.00E+00	0.00E+00	-3.73E-01	-2.15E-04	2.43E-04	-1.42E-03	0.00E+00	4.60E-20	-5.15E-10	-2.46E-08	-1.90E-03	-9.56E-01	0.00E+00	0.00E+00	-5.61E-01	1.53E-19	-2.90E-01	0.00E+00	7.08E-10	-7.32E-09	-4.54E-04	0.00E+00	-1.57E-01	0.00E+00	-2.90E-01	-7.48E-06	-2.90E-01	-2.50E-01	-1.57E-01	0.00E+00	0.00E+00	0.00E+00	-2.25E+01
NCN110	-4.05E-03	-1.11E-01	-1.42E-03	-1.10E-01	0.00E+00	0.00E+00	-1.04E+00	-3.89E-04	-2.22E-04	-2.87E-03	0.00E+00	7.95E-21	-1.27E-09	-4.46E-08	-1.10E-03	-7.91E-01	0.00E+00	0.00E+00	-1.24E+00	2.50E-20	-1.04E+00	0.00E+00	-4.27E-09	-1.37E-08	-9.86E-04	0.00E+00	-1.79E-01	0.00E+00	-1.04E+00	-1.20E-05	-1.04E+00	-1.22E+00	-1.79E-01	0.00E+00	0.00E+00	0.00E+00	-5.33E+01
NCN110A	-4.10E-03	-1.21E-01	-1.54E-03	-1.20E-01	0.00E+00	0.00E+00	-1.05E+00	-3.89E-04	-2.30E-04	-2.95E-03	0.00E+00	5.53E-21	-1.27E-09	-4.47E-08	-7.92E-03	-8.19E-01	0.00E+00	0.00E+00	-1.36E+00	1.92E-20	-1.16E+00	0.00E+00	-4.48E-09	-1.44E-08	-1.01E-03	0.00E+00	-2.25E-01	0.00E+00	-1.16E+00	-1.20E-05	-1.16E+00	-1.38E+00	-2.25E-01	0.00E+00	0.00E+00	0.00E+00	-5.74E+01
NCN116A	-1.31E-04	-7.64E-02	2.04E-04	-7.66E-02	0.00E+00	0.00E+00	-3.20E-02	-3.73E-05	2.21E-04	-7.85E-04	0.00E+00	1.08E-20	-8.07E-10	-5.90E-10	2.57E-04	-4.77E-01	0.00E+00	0.00E+00	-4.33E-01	3.58E-20	-6.06E-01	0.00E+00	-1.60E-09	-6.41E-09	-3.75E-04	0.00E+00	-9.36E-02	0.00E+00	-6.06E-01	-1.94E-06	-6.06E-01	-6.99E-01	-9.36E-02	0.00E+00	0.00E+00	0.00E+00	-1.93E+01
NCN116N	-4.34E-03	4.06E-02	6.28E-04	4.00E-02	0.00E+00	0.00E+00	-7.24E-01	-4.53E-04	-1.48E-04	-1.96E-03	0.00E+00	3.35E-20	-9.32E-10	-5.17E-08	2.09E-03	-3.91E-01	0.00E+00	0.00E+00	-8.20E-01	1.17E-19	-9.23E-02	0.00E+00	2.49E-09	-9.46E-09	-7.01E-04	0.00E+00	-6.48E-02	0.00E+00	-9.23E-02	-1.44E-05	-9.23E-02	-1.57E-01	-6.48E-02	0.00E+00	0.00E+00	0.00E+00	-3.77E+01
NCN120A	3.18E-04	-6.98E-02	1.22E-03	-7.10E-02	0.00E+00	0.00E+00	1.69E-01	-2.53E-05	4.75E-04	-6.23E-04	0.00E+00	1.30E-20	-6.40E-10	3.49E-09	-5.79E-03	-6.24E-01	0.00E+00	0.00E+00	-2.25E-01	4.38E-20	-4.80E-01	0.00E+00	-3.58E-10	-5.40E-09	-3.01E-04	0.00E+00	-1.26E-01	0.00E+00	-4.80E-01	-1.35E-06	-4.80E-01	-6.06E-01	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.01E+01
NCN125N	-5.97E-03	4.20E-02	1.57E-03	8.87E-03	0.00E+00	0.00E+00	-6.26E-01	-3.67E-04	2.40E-04	-3.52E-03	0.00E+00	4.60E-20	-5.97E-10	-7.70E-08	-4.47E-03	-3.27E+00	0.00E+00	0.00E+00	-7.56E-01	1.53E-19	-8.79E-02	0.00E+00	5.32E-11	-1.08E-08	-9.16E-04	0.00E+00	-3.04E-01	0.00E+00	-8.79E-02	-2.19E-05	-8.79E-02	-1.00E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
NCN132A	-1.06E-02	7.37E-02	7.50E-04	7.29E-02	0.00E+00	0.00E+00	-1.97E+00	-1.10E-03	-3.65E-04	-4.88E-03	0.00E+00	4.53E-20	-1.22E-09	-1.27E-07	2.81E-03	-8.02E-01	0.00E+00	0.00E+00	-1.54E+00	1.55E-19	1.97E-01	0.00E+00	4.14E-09	-1.63E-08	-1.44E-03	0.00E+00	-1.22E-01	0.00E+00	1.97E-01	-3.15E-05	1.97E-01	7.51E-02	-1.22E-01	0.00E+00	0.00E+00	0.00E+00	-7.01E+01
NCN140A	-8.71E-04	1.91E-02	2.22E-03	2.88E-02	0.00E+00	0.00E+00	2.60E-01	-1.68E-04	4.58E-04	-1.70E-04	0.00E+00	4.60E-20	-4.23E-10	-1.28E-09	6.47E-05	-3.65E-01	0.00E+00	0.00E+00	-1.40E-02	1.53E-19	1.45E-01	0.00E+00	4.95E-09	-3.38E-09	-1.09E-04	0.00E+00	-2.47E-02	0.00E+00	1.45E-01	-3.64E-06	1.45E-01	1.83E-01	-2.47E-02	0.00E+00	0.00E+00	0.00E+00	-5.49E-01
NCN140N	-9.29E-03	3.60E-02	5.96E-04	1.08E-02	0.00E+00	0.00E+00	-1.98E+00	-7.22E-04	2.63E-04	-5.27E-03	0.00E+00	4.60E-20	-9.03E-10	-1.16E-07	-6.21E-03	-3.61E+00	0.00E+00	0.00E+00	-1.52E+00	1.53E-19	-2.80E-01	0.00E+00	-1.21E-09	-1.58E-08	-1.27E-03	0.00E+00	-3.95E-01	0.00E+00	-2.80E-01	-2.85E-05	-2.80E-01	-5.04E-01	-3.95E-01	0.00E+00	0.00E+00	0.00E+00	-6.73E+01
NCN150	-2.78E-03	5.38E-02	2.40E-03	3.49E-02	0.00E+00	0.00E+00	-4.90E-02	-2.90E-04	2.56E-04	-8.00E-04	0.00E+00	4.60E-20	-4.93E-10	-2.75E-08	6.12E-05	-5.12E-01	0.00E+00	0.00E+00	-2.00E-01	1.53E-19	3.29E-01	0.00E+00	4.84E-09	-7.43E-09	-3.15E-04	0.00E+00	-3.91E-02	0.00E+00	3.29E-01	-7.18E-06	3.29E-01	2.68E-01	-3.91E-02	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
NCN150A	-2.92E-03	5.38E-02	2.39E-03	3.49E-02	0.00E+00	0.00E+00	-4.90E-02	-2.90E-04	2.56E-04	-8.00E-04	0.00E+00	4.60E-20	-4.93E-10	-2.75E-08	6.12E-05	-5.15E-01	0.00E+00	0.00E+00	-2.00E-01	1.53E-19	3.29E-01	0.00E+00	4.84E-09	-7.43E-09	-3.15E-04	0.00E+00	-3.91E-02	0.00E+00	3.29E-01	-7.18E-06	3.29E-01	2.68E-01	-3.91E-02	0.00E+00	0.00E+00	0.00E+00	-1.27E+01
NCN150N	-5.88E-03	2.04E-02	1.82E-03	2.70E-03	0.00E+00	0.00E+00	-1.30E+00	-6.40E-04	3.95E-04	-3.04E-03	0.00E+00	4.60E-20	-8.12E-10	-5.33E-08	-2.77E-04	-1.32E+00	0.00E+00	0.00E+00	-1.13E+00	1.53E-19	-2.77E-01	0.00E+00	1.98E-09	-1.25E-08	-4.37E-04	0.00E+00	-1.83E-01	0.00E+00	-2.77E-01	-1.79E-05	-2.77E-01	-4.84E-01	-1.83E-01	0.00E+00	0.00E+00	0.00E+00	-5.16E+01
NCN163	-1.34E-03	1.36E-02	2.39E-03	2.75E-02	0.00E+00	0.00E+00	2.43E-01	-2.15E-04	5.30E-04	-3.53E-04	0.00E+00	4.60E-20	-4.32E-10	-8.10E-09	-3.40E-04	-3.60E-01	0.00E+00	0.00E+00	-1.26E-02	1.53E-19	1.29E-01	0.00E+00	4.21E-09	-3.27E-09	-1.15E-04	0.00E+00	-2.27E-02	0.00E+00	1.29E-01	-6.25E-06	1.29E-01	1.58E-01	-2.27E-02	0.00E+00	0.00E+00	0.00E+00	-1.44E+00
NCN163A	1.69E-03	1.61E-01	5.08E-03	1.56E-01	0.00E+00	0.00E+00	9.80E-01	-3.78E-06	1.12E-03	1.41E-03	0.00E+00	4.73E-20	-6.73E-11	1.15E-08	6.03E-03	2.69E-01	0.00E+00	0.00E+00	6.07E-01	1.70E-19	1.19E+00	0.00E+00	1.08E-08	4.54E-09	3.77E-04	0.00E+00	1.22E-01	0.00E+00	1.19E+00	-3.15E-07	1.19E+00	1.31E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	2.04E+01
NCN163N	-6.99E-03	4.24E-02	8.87E-04	2.77E-02	0.00E+00	0.00E+00	-1.42E+00	-8.69E-04	4.54E-04	-3.41E-03	0.00E+00	4.60E-20	-9.25E-10	-7.96E-08	-2.32E-04	-1.26E+00	0.00E+00	0.00E+00	-1.21E+00	1.53E-19	-2.76E-01	0.00E+00	1.79E-09	-1.45E-08	-6.46E-04	0.00E+00	-2.18E-01	0.00E+00	-2.76E-01	-1.93E-05	-2.76E-01	-6.13E-01	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-5.51E+01
NCN201N	-3.27E-03	-3.25E-02	1.27E-03	-1.34E-02	0.00E+00	0.00E+00	-1.33E+00	-4.56E-04	3.51E-04	-2.73E-03	0.00E+00	4.60E-20	-8.92E-10	-4.72E-08	-6.36E-03	-7.68E-01	0.00E+00	0.00E+00	-1.36E+00	1.53E-19	-5.08E-01	0.00E+00	1.04E-09	-1.40E-08	-5.84E-04	0.00E+00	-1.72E-01	0.00E+00	-5.08E-01	-1.22E-05	-5.08E-01	-7.32E-01	-1.72E-01	0.00E+00	0.00E+00	0.00E+00	-5.50E+01
NCN202A	-6.76E-03	-2.60E-02	1.98E-03	-1.12E-02	0.00E+00	0.00E+00	-1.12E+00	-6.86E-04	7.92E-05	-3.59E-03	0.00E+00	4.60E-20	-1.79E-09	-7.89E-08	-5.95E-03	-1.68E+00	0.00E+00	0.00E+00	-1.45E+00	1.53E-19	-2.71E-01	0.00E+00	4.52E-10	-1.57E-08	-1.29E-03	0.00E+00	-3.02E-01	0.00E+00	-2.71E-01	-1.86E-05	-2.71E-01	-5.32E-01	-3.02E-01	0.00E+00	0.00E+00	0.00E+00	-6.60E+01
NCN202N	-3.11E-03	-3.08E-02	1.18E-03	-1.32E-02	0.00E+00	0.00E+00	-1.42E+00	-4.62E-04	3.45E-04	-2.80E-03	0.00E+00	4.60E-20	-8.77E-10	-5.12E-08	-6.12E-03	-8.09E-01	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	-4.97E-01	0.00E+00	7.53E-10	-1.36E-08	-5.85E-04	0.00E+00	-1.67E-01	0.00E+00	-4.97E-01	-1.02E-05	-4.97E-01	-7.20E-01	-1.67E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
NCN203A	-7.36E-03	-2.75E-02	2.05E-03	-1.20E-02	0.00E+00	0.00E+00	-1.21E+00	-7.23E-04	5.55E-05	-3.81E-03	0.00E+00	4.60E-20	-1.84E-09	-8.42E-08	-5.87E-03	-1.67E+00	0.00E+00	0.00E+00	-1.53E+00	1.53E-19	-2.87E-01	0.00E+00	2.16E-10	-1.59E-08	-1.32E-03	0.00E+00	-3.01E-01	0.00E+00	-2.87E-01	-1.88E-05	-2.87E-01	-5.45E-01	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-6.80E+01
NCN203N	-3.55E-03	-3.21E-02	1.38E-03	-9.77E-03	0.00E+00	0.00E+00	-1.47E+00	-5.46E-04	3.99E-04	-2.94E-03	0.00E+00	4.60E-20	-9.02E-10	-5.47E-08	-6.07E-03	-7.77E-01	0.00E+00	0.00E+00	-1.43E+00	1.53E-19	-4.62E-01	0.00E+00	1.63E-09	-1.34E-08	-6.06E-04	0.00E+00	-1.68E-01	0.00E+00	-4.62E-01	-1.35E-05	-4.62E-01	-6.86E-01	-1.68E-01	0.00E+00	0.00E+00	0.00E+00	-5.83E+01
NCN204	-6.25E-03	2.17E-02	3.64E-03	2.57E-02	0.00E+00	0.00E+00	2.32E-01	-2.01E-04	4.76E-04	-1.44E-03	0.00E+00	4.60E-20	-1.17E-09	-3.82E-08	7.44E-04	-1.32E+00	0.00E+00	0.00E+00	-4.77E-01	1.53E-19	2.35E-01	0.00E+00	2.77E-09	-9.45E-09	-6.06E-04	0.00E+00	-1.81E-01	0.00E+00	2.35E-01	-9.34E-06	2.35E-01	2.76E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
NCN204A	-7.35E-03	-4.19E-02	1.90E-03	-1.98E-02	0.00E+00	0.00E+00	-1.21E+00	-7.25E-04	3.69E-05	-3.90E-03	0.00E+00	4.60E-20	-1.84E-09	-8.90E-08	-5.69E-03	-1.69E+00	0.00E+00	0.00E+00	-1.53E+00	1.53E-19	-2.52E-01	0.00E+00	-1.54E-09	-1.54E-08	-1.32E-03	0.00E+00	-3.05E-01	0.00E+00	-2.52E-01	-2.05E-05	-2.52E-01	-5.35E-01	-3.05E-01	0.00E+00	0.00E+00	0.00E+00	-7.08E+01
NCN204N	-3.48E-03	-3.05E-02	1.27E-03	-1.23E-02	0.00E+00	0.00E+00	-1.49E+00	-5.01E-04	3.88E-04	-3.01E-03	0.00E+00	4.60E-20	-8.86E-10	-5.55E-08	-5.98E-03	-8.10E-01	0.00E+00	0.00E+00	-1.44E+00	1.53E-19	-4.68E-01	0.00E+00	1.39E-09	-1.36E-08	-5.90E-04	0.00E+00	-1.64E-01	0.00E+00	-4.68E-01	-1.15E-05	-4.68E-01	-6.84E-01	-1.64E-01	0.00E+00	0.00E+00	0.00E+00	-5.80E+01
NCN206N	-2.58E-03	-3.41E-02	1.56E-03	-2.96E-02	0.00E+00	0.00E+00	-7.41E-01	-4.33E-04	3.46E-04	-2.10E-03	0.00E+00	4.60E-20	-8.28E-10	-4.30E-08	-7.70E-03	-1.10E+00	0.00E+00	0.00E+00	-1.18E+00	1.53E-19	-4.71E-01	0.00E+00	2.37E-10	-1.34E-08	-6.42E-04	0.00E+00	-1.81E-01	0.00E+00	-4.71E-01	-1.08E-05	-4.71E-01	-5.52E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-4.43E+01
NCN210A	7.02E-04	6.12E-02	5.39E-03	5.58E-02	0.00E+00	0.00E+00	1.35E+00	-2.77E-05	5.14E-04	5.79E-04	0.00E+00	6.46E-20	-3.46E-11	4.37E-09	8.05E-03	-5.93E-01	0.00E+00	0.00E+00	8.95E-01	2.09E-19	1.34E+00	0.00E+00	1.10E-08	2.66E-09	1.28E-04	0.00E+00	3.65E-02	0.00E+00	1.34E+00	-9.23E-07	1.34E+00	1.37E+00	3.65E-02	0.00E+00	0.00E+00	0.00E+00	3.13E+01
NCN210N	-2.90E-03	-4.11E-02	1.72E-03	-4.76E-02	0.00E+00	0.00E+00	-8.50E-01	-4.77E-04	3.73E-04	-2.60E-03	0.00E+00	4.60E-20	-1.08E-09	-5.85E-08	-9.45E-03	-1.56E+00	0.00E+00	0.00E+00	-1.44E+00	1.53E-19	-5.82E-01	0.00E+00	-5.33E-10	-1.58E-08	-8.63E-04	0.00E+00	-2.43E-01	0.00E+00	-5.82E-01	-1.63E-05	-5.82E-01	-6.99E-01	-2.43E-01	0.00E+00	0.00E+00	0.00E+00	-5.54E+01
NCN216A	1.35E-03	1.22E-01	7.05E-03	1.15E-01	0.00E+00	0.00E+00	1.81E+00	3.58E-06	7.00E-04	1.28E-03	0.00E+00	7.55E-20	3.24E-10	9.70E-09	1.02E-02	-3.11E-01	0.00E+00	0.00E+00	1.37E+00	2.46E-19	2.05E+00	0.00E+00	1.52E-08	7.21E-09	3.99E-04	0.00E+00	1.23E-01	0.00E+00	2.05E+00	4.49E-07	2.05E+00	2.17E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	5.00E+01
NCN216N	-3.40E-03	-5.65E-02	1.56E-03	-6.57E-02	0.00E+00	0.00E+00	-1.14E+00	-5.87E-04	3.61E-04	-2.92E-03	0.00E+00	4.60E-20	-1.34E-09	-6.65E-08	-9.88E-03	-1.62E+00	0.00E+00	0.00E+00	-1.66E+00	1.53E-19	-7.60E-01	0.00E+00	-1.38E-09	-1.77E-08	-1.00E-03	0.00E+00	-2.78E-01	0.00E+00	-7.60E-01	-1.76E-05	-7.60E-01	-8.81E-01	-2.78E-01	0.00E+00	0.00E+00	0.00E+00	-6.80E+01
NCN220N	-6.13E-03	-3.23E-03	1.79E-03	-3.25E-02	0.00E+00	0.00E+00	-1.21E+00	-6.00E-04	3.62E-04	-4.37E-03	0.00E+00	4.60E-20	-1.41E-09	-9.47E-08	-1.24E-02	-3.57E+00	0.00E+00	0.00E+00	-1.82E+00	1.53E-19	-3.64E-01	0.00E+00	-1.96E-09	-2.05E-08	-1.32E-03	0.00E+00	-3.76E-01	0.00E+00	-3.64E-01	-2.40E-05	-3.64E-01	-5.09E-01	-3.76E-01	0.00E+00	0.00E+00	0.00E+00	-7.08E+01
NCN240A	-3.03E-02	-1.89E-01	-6.93E-03	-1.82E-01	0.00E+00	0.00E+00	-7.70E+00	-3.03E-03	-1.31E-03	-1.69E-02	0.00E+00	3.72E-20	-5.23E-09	-3.52E-07	-5.49E-03	-3.27E+00	0.00E+00	0.00E+00	-6.81E+00	1.31E-19	-3.49E+00	0.00E+00	-1.40E-08	-6.65E-08	-5.21E-03	0.00E+00	-7.66E-01	0.00E+00	-3.49E+00	-8.88E-05	-3.49E+00	-4.26E+00	-7.66E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+02
NCN240N	-2.50E-02	-1.38E-01	-5.76E-03	-1.32E-01	0.00E+00	0.00E+00	-6.37E+00	-2.49E-03	-1.08E-03	-1.38E-02	0.00E+00	3.53E-20	-4.54E-09	-2.90E-07	-2.31E-02	-2.75E+00	0.00E+00	0.00E+00	-5.95E+00	1.35E-19	-3.32E+00	0.00E+00	-1.13E-08	-5.79E-08	-4.36E-03	0.00E+00	-7.49E-01	0.00E+00	-3.32E+00	-7.51E-05	-3.32E+00	-4.07E+00	-7.49E-01	0.00E+00	0.00E+00	0.00E+00	-2.53E+02
NCN250N	-5.39E-03	2.59E-05	1.54E-03	-2.45E-02	0.00E+00	0.00E+00	-1.77E+00	-1.12E-03	5.77E-04	-3.45E-03	0.00E+00	4.60E-20	-1.45E-09	-6.78E-08	-4.60E-03	-1.92E+00	0.00E+00	0.00E+00	-1.75E+00	1.53E-19	-4.75E-01	0.00E+00	2.61E-09	-2.09E-08	-1.03E-03	0.00E+00	-3.04E-01	0.00E+00	-4.75E-01	-2.49E-05	-4.75E-01	-8.64E-01	-3.04E-01	0.00E+00	0.00E+00	0.00E+00	-7.66E+01
NCN263N	-5.36E-03	6.04E-02	1.30E-03	3.14E-02	0.00E+00	0.00E+00	-1.96E+00	-1.65E-03	7.25E-04	-2.65E-03	0.00E+00	4.60E-20	-1.63E-09	-8.75E-08	-3.69E-03	-1.85E+00	0.00E+00	0.00E+00	-2.15E+00	1.53E-19	-2.15E-01	0.00E+00	6.41E-09	-2.64E-08	-9.41E-04	0.00E+00	-3.14E-01	0.00E+00	-2.15E-01	-3.10E-05	-2.15E-01	-7.07E-01	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-9.48E+01
NCN301N	-7.04E-03	-4.62E-02	2.75E-03	-3.86E-02	0.00E+00	0.00E+00	-2.11E+00	-9.13E-04	4.03E-04	-5.48E-03	0.00E+00	4.60E-20	-1.60E-09	-1.10E-07	-1.13E-02	-2.05E+00	0.00E+00	0.00E+00	-2.36E+00	1.53E-19	-7.33E-01	0.00E+00	1.22E-09	-2.47E-08	-1.58E-03	0.00E+00	-3.91E-01	0.00E+00	-7.33E-01	-2.84E-05	-7.33E-01	-1.15E+00	-3.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.02E+02
NCN302N	-7.67E-03	-5.60E-02	2.65E-03	-4.88E-02	0.00E+00	0.00E+00	-2.24E+00	-1.00E-03	4.17E-04	-5.84E-03	0.00E+00	4.60E-20	-1.69E-09	-1.17E-07	-1.06E-02	-2.03E+00	0.00E+00	0.00E+00	-2.39E+00	1.53E-19	-7.57E-01	0.00E+00	7.91E-10	-2.54E-08	-1.83E-03	0.00E+00	-3.90E-01	0.00E+00	-7.57E-01	-3.11E-05	-7.57E-01	-1.12E+00	-3.90E-01	0.00E+00	0.00E+00	0.00E+00	-1.03E+02

NCN303A	-1.23E-02	-1.17E-01	1.36E-03	-1.06E-01	0.00E+00	0.00E+00	-2.26E+00	-9.47E-04	-2.33E-04	-7.02E-03	0.00E+00	4.60E-20	-3.13E-09	-1.57E-07	-1.23E-02	-2.17E+00	0.00E+00	0.00E+00	-2.83E+00	1.53E-19	-7.73E-01	0.00E+00	-5.55E-10	-3.35E-08	-1.97E-03	0.00E+00	-4.85E-01	0.00E+00	-7.73E-01	-3.97E-05	-7.73E-01	-1.16E+00	-4.85E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NCN303N	-7.94E-03	-8.06E-02	2.63E-03	-8.55E-02	0.00E+00	0.00E+00	-2.26E+00	-9.62E-04	4.36E-04	-5.87E-03	0.00E+00	4.60E-20	-1.83E-09	-1.23E-07	-1.07E-02	-2.10E+00	0.00E+00	0.00E+00	-2.46E+00	1.53E-19	-8.34E-01	0.00E+00	-2.35E-10	-2.63E-08	-1.91E-03	0.00E+00	-3.89E-01	0.00E+00	-8.34E-01	-3.26E-05	-8.34E-01	-1.25E+00	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
NCN304N	-8.03E-03	-7.46E-02	2.64E-03	-6.67E-02	0.00E+00	0.00E+00	-2.29E+00	-9.74E-04	4.26E-04	-5.76E-03	0.00E+00	4.60E-20	-1.81E-09	-1.24E-07	-1.04E-02	-2.07E+00	0.00E+00	0.00E+00	-2.49E+00	1.53E-19	-8.17E-01	0.00E+00	8.51E-11	-2.54E-08	-1.82E-03	0.00E+00	-3.93E-01	0.00E+00	-8.17E-01	-3.30E-05	-8.17E-01	-1.22E+00	-3.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NCN306	-8.48E-03	-3.16E-02	2.13E-03	-1.02E-02	0.00E+00	0.00E+00	-1.25E+00	-4.94E-04	3.03E-04	-6.58E-03	0.00E+00	4.60E-20	-2.03E-09	-1.16E-07	-2.86E-03	-1.93E+00	0.00E+00	0.00E+00	-2.35E+00	1.53E-19	-3.64E-01	0.00E+00	2.59E-09	-2.47E-08	-1.45E-03	0.00E+00	-4.48E-01	0.00E+00	-3.64E-01	-2.80E-05	-3.64E-01	-6.18E-01	-4.48E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NCN306A	-1.10E-02	-4.50E-01	-5.66E-03	-4.44E-01	0.00E+00	0.00E+00	-3.15E+00	-1.00E-03	-7.06E-04	-8.73E-03	0.00E+00	5.51E-21	-3.85E-09	-1.16E-07	-3.79E-02	-3.41E+00	0.00E+00	0.00E+00	-4.14E+00	1.32E-20	-4.37E+00	0.00E+00	-1.84E-08	-4.59E-08	-3.08E-03	0.00E+00	-8.98E-01	0.00E+00	-4.37E+00	-3.16E-05	-4.37E+00	-5.27E+00	-8.98E-01	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
NCN306N	-4.95E-03	-6.44E-02	3.55E-03	-6.80E-02	0.00E+00	0.00E+00	-1.10E+00	-7.29E-04	4.89E-04	-4.46E-03	0.00E+00	4.60E-20	-1.48E-09	-8.46E-08	-1.27E-02	-2.10E+00	0.00E+00	0.00E+00	-2.14E+00	1.53E-19	-7.23E-01	0.00E+00	-2.86E-10	-2.16E-08	-1.26E-03	0.00E+00	-4.13E-01	0.00E+00	-7.23E-01	-2.42E-05	-7.23E-01	-9.70E-01	-4.13E-01	0.00E+00	0.00E+00	0.00E+00	-8.69E+01
NCN310A	-9.88E-03	2.98E-01	6.04E-03	2.92E-01	0.00E+00	0.00E+00	-3.68E-01	-1.08E-03	-1.78E-04	-2.85E-03	0.00E+00	1.26E-19	-1.17E-09	-1.22E-07	-1.90E-02	-8.61E-01	0.00E+00	0.00E+00	-1.27E+00	4.46E-19	1.75E+00	0.00E+00	2.08E-08	-1.18E-08	-9.48E-04	0.00E+00	-2.09E-01	0.00E+00	1.75E+00	-3.09E-05	1.75E+00	1.54E+00	-2.09E-01	0.00E+00	0.00E+00	0.00E+00	-6.34E+01
NCN310N	-7.15E-03	-9.89E-02	3.58E-03	-1.13E-01	0.00E+00	0.00E+00	-9.74E-01	-6.82E-04	4.66E-04	-4.25E-03	0.00E+00	4.60E-20	-2.04E-09	-8.55E-08	-1.27E-02	-2.23E+00	0.00E+00	0.00E+00	-1.81E+00	1.53E-19	-8.07E-01	0.00E+00	-1.46E-09	-2.53E-08	-1.25E-03	0.00E+00	-3.73E-01	0.00E+00	-8.07E-01	-2.37E-05	-8.07E-01	-1.05E+00	-3.73E-01	0.00E+00	0.00E+00	0.00E+00	-7.59E+01
NCN316	-1.52E-02	-4.32E-01	-6.54E-03	-4.25E-01	0.00E+00	0.00E+00	-4.29E+00	-1.45E-03	-8.52E-04	-1.09E-02	0.00E+00	1.43E-20	-4.62E-09	-1.68E-07	-6.02E-03	-2.91E+00	0.00E+00	0.00E+00	-4.80E+00	3.81E-20	-4.22E+00	0.00E+00	-1.91E-08	-5.17E-08	-3.70E-03	0.00E+00	-6.91E-01	0.00E+00	-4.22E+00	-4.47E-05	-4.22E+00	-4.92E+00	-6.91E-01	0.00E+00	0.00E+00	0.00E+00	-2.04E+02
NCN316A	-5.57E-04	-2.64E-01	8.95E-04	-2.65E-01	0.00E+00	0.00E+00	-6.81E-03	-1.11E-04	6.41E-04	-2.60E-03	0.00E+00	3.12E-20	-2.18E-09	-1.69E-09	-3.11E-02	-1.81E+00	0.00E+00	0.00E+00	-1.42E+00	1.03E-19	-2.19E+00	0.00E+00	-5.05E-09	-2.10E-08	-1.19E-03	0.00E+00	-4.95E-01	0.00E+00	-2.19E+00	-5.40E-06	-2.19E+00	-2.68E+00	-4.95E-01	0.00E+00	0.00E+00	0.00E+00	-5.86E+01
NCN316N	-5.50E-04	-3.22E-01	-7.41E-04	-3.21E-01	0.00E+00	0.00E+00	-5.53E-01	-1.08E-04	5.88E-04	-3.11E-03	0.00E+00	2.44E-20	-2.91E-09	-9.38E-10	-1.45E-03	-1.92E+00	0.00E+00	0.00E+00	-1.65E+00	7.61E-20	-2.83E+00	0.00E+00	-1.02E-08	-2.55E-08	-1.48E-03	0.00E+00	-3.88E-01	0.00E+00	-2.83E+00	-5.82E-06	-2.83E+00	-3.21E+00	-3.88E-01	0.00E+00	0.00E+00	0.00E+00	-7.04E+01
NCN320A	-2.63E-02	-2.81E-01	-7.68E-03	-2.73E-01	0.00E+00	0.00E+00	-6.91E+00	-2.58E-03	-1.23E-03	-1.55E-02	0.00E+00	3.83E-20	-5.89E-09	-3.00E-07	-3.80E-02	-2.85E+00	0.00E+00	0.00E+00	-7.32E+00	1.47E-19	-4.80E+00	0.00E+00	-1.67E-08	-7.04E-08	-5.10E-03	0.00E+00	-9.33E-01	0.00E+00	-4.80E+00	-7.73E-05	-4.80E+00	-5.74E+00	-9.33E-01	0.00E+00	0.00E+00	0.00E+00	-3.09E+02
NCN320N	-9.16E-03	-3.07E-02	3.29E-03	-6.80E-02	0.00E+00	0.00E+00	-1.41E+00	-1.26E-03	4.95E-04	-6.94E-03	0.00E+00	4.60E-20	-2.45E-09	-1.31E-07	-1.52E-02	-4.76E+00	0.00E+00	0.00E+00	-2.26E+00	1.53E-19	-4.40E-01	0.00E+00	-1.41E-09	-3.09E-08	-2.15E-03	0.00E+00	-5.84E-01	0.00E+00	-4.40E-01	-3.46E-05	-4.40E-01	-8.47E-01	-5.84E-01	0.00E+00	0.00E+00	0.00E+00	-9.34E+01
NCN325A	-4.14E-02	-5.59E-01	-9.50E-03	-5.50E-01	0.00E+00	0.00E+00	-7.08E+00	-2.58E-03	-1.41E-03	-1.77E-02	0.00E+00	0.00E+00	-5.90E-09	-3.01E-07	-4.14E-02	-4.15E+00	0.00E+00	0.00E+00	-7.46E+00	0.00E+00	-5.68E+00	0.00E+00	-2.53E-08	-7.52E-08	-5.60E-03	0.00E+00	-1.15E+00	0.00E+00	-5.68E+00	-7.75E-05	-5.68E+00	-6.83E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	-3.13E+02
NCN325N	-1.25E-02	-4.01E-02	2.40E-03	-7.84E-02	0.00E+00	0.00E+00	-2.38E+00	-1.47E-03	3.59E-04	-9.30E-03	0.00E+00	4.60E-20	-2.52E-09	-1.71E-07	-1.51E-02	-4.70E+00	0.00E+00	0.00E+00	-2.91E+00	1.53E-19	-6.43E-01	0.00E+00	-7.38E-10	-3.50E-08	-2.40E-03	0.00E+00	-6.26E-01	0.00E+00	-6.43E-01	-4.97E-05	-6.43E-01	-9.47E-01	-6.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+02
NCN332	1.96E-03	-1.30E-01	5.29E-03	-1.35E-01	0.00E+00	0.00E+00	7.94E-01	-6.92E-05	2.02E-03	-1.19E-03	0.00E+00	5.18E-20	-1.95E-09	1.68E-08	5.17E-03	-6.88E-01	0.00E+00	0.00E+00	-3.76E-01	1.76E-19	-5.81E-01	0.00E+00	3.55E-09	-1.12E-08	-6.41E-04	0.00E+00	-8.37E-02	0.00E+00	-5.81E-01	-4.09E-06	-5.81E-01	-6.65E-01	-8.37E-02	0.00E+00	0.00E+00	0.00E+00	-2.20E+01
NCN332A	1.79E-03	8.27E-02	5.25E-03	7.74E-02	0.00E+00	0.00E+00	3.52E-01	-1.16E-04	2.11E-03	1.82E-04	0.00E+00	7.76E-20	-2.43E-09	1.12E-08	5.39E-03	-8.80E-01	0.00E+00	0.00E+00	-8.59E-01	2.80E-19	-8.28E-01	0.00E+00	5.64E-09	-1.36E-08	-4.88E-04	0.00E+00	-1.46E-01	0.00E+00	-8.28E-01	-6.07E-06	-8.28E-01	-9.74E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	-4.24E+01
NCN340A	5.08E-03	5.67E-01	1.77E-02	5.50E-01	0.00E+00	0.00E+00	3.43E+00	-2.35E-05	3.26E-03	4.96E-03	0.00E+00	1.65E-19	6.43E-10	3.23E-08	2.13E-02	5.20E-01	0.00E+00	0.00E+00	2.93E+00	5.75E-19	4.63E+00	0.00E+00	3.76E-08	1.98E-08	1.44E-03	0.00E+00	4.30E-01	0.00E+00	4.63E+00	-3.49E-07	4.63E+00	5.06E+00	4.30E-01	0.00E+00	0.00E+00	0.00E+00	1.07E+02
NCN340N	3.19E-03	2.87E-01	9.79E-03	2.77E-01	0.00E+00	0.00E+00	1.56E+00	-4.99E-05	2.52E-03	2.31E-03	0.00E+00	1.03E-19	-1.18E-09	2.24E-08	-1.69E-02	-3.24E-01	0.00E+00	0.00E+00	2.37E-01	3.84E-19	9.40E-01	0.00E+00	1.87E-08	-1.76E-09	3.15E-04	0.00E+00	-8.70E-02	0.00E+00	9.40E-01	-2.62E-06	9.40E-01	8.53E-01	-8.70E-02	0.00E+00	0.00E+00	0.00E+00	3.25E+00
NCN350A	4.50E-03	2.30E-01	1.49E-02	2.15E-01	0.00E+00	0.00E+00	3.18E+00	-2.42E-05	3.17E-03	2.31E-03	0.00E+00	1.14E-19	2.99E-10	3.25E-08	1.73E-02	-4.59E-01	0.00E+00	0.00E+00	2.27E+00	3.93E-19	3.55E+00	0.00E+00	2.79E-08	1.36E-08	8.23E-04	0.00E+00	2.15E-01	0.00E+00	3.55E+00	-9.89E-07	3.55E+00	3.77E+00	2.15E-01	0.00E+00	0.00E+00	0.00E+00	8.09E+01
NCN350N	4.07E-03	1.71E-01	1.43E-02	1.57E-01	0.00E+00	0.00E+00	3.27E+00	6.19E-06	2.73E-03	2.00E-03	0.00E+00	1.03E-19	5.23E-10	3.19E-08	-1.15E-02	-7.85E-01	0.00E+00	0.00E+00	2.13E+00	3.59E-19	3.11E+00	0.00E+00	2.64E-08	1.16E-08	7.28E-04	0.00E+00	2.27E-02	0.00E+00	3.11E+00	5.48E-07	3.11E+00	3.14E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00	7.90E+01
NCN363	-4.80E-02	-2.69E-01	-9.98E-03	-2.59E-01	0.00E+00	0.00E+00	-1.17E+01	-4.78E-03	-2.07E-03	-2.64E-02	0.00E+00	5.91E-20	-7.79E-09	-5.57E-07	-3.89E-02	-4.73E+00	0.00E+00	0.00E+00	-1.08E+01	2.20E-19	-5.11E+00	0.00E+00	-1.76E-08	-1.02E-07	-8.03E-03	0.00E+00	-1.30E+00	0.00E+00	-5.11E+00	-1.40E-04	-5.11E+00	-6.41E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-4.63E+02
NCN363A	-1.41E-02	-1.05E-01	2.87E-03	-1.20E-01	0.00E+00	0.00E+00	-2.03E+00	-2.85E-03	-3.49E-05	-1.04E-02	0.00E+00	4.60E-20	-3.35E-09	-2.28E-07	-2.24E-03	-2.99E+00	0.00E+00	0.00E+00	-3.10E+00	1.53E-19	-4.70E-01	0.00E+00	6.75E-09	-3.49E-08	-3.34E-03	0.00E+00	-5.30E-01	0.00E+00	-4.70E-01	-5.14E-05	-4.70E-01	-8.92E-01	-5.30E-01	0.00E+00	0.00E+00	0.00E+00	-1.41E+02
NCN363N	3.73E-03	3.32E-01	1.12E-02	3.21E-01	0.00E+00	0.00E+00	1.73E+00	-5.15E-05	2.78E-03	2.70E-03	0.00E+00	1.17E-19	-1.14E-09	2.48E-08	1.25E-02	-1.53E-01	0.00E+00	0.00E+00	9.27E-01	4.19E-19	1.55E+00	0.00E+00	2.02E-08	1.25E-09	4.30E-04	0.00E+00	1.34E-01	0.00E+00	1.55E+00	-2.60E-06	1.55E+00	1.68E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	2.84E+01
NCN402A	-1.96E-02	-2.10E-02	1.68E-03	-5.35E-02	0.00E+00	0.00E+00	-3.15E+00	-2.09E-03	-1.53E-04	-1.09E-02	0.00E+00	4.60E-20	-3.81E-09	-1.61E-07	-7.77E-03	-2.36E+00	0.00E+00	0.00E+00	-3.66E+00	1.53E-19	-1.80E+00	0.00E+00	-2.94E-09	-2.94E-08	-3.75E-03	0.00E+00	-5.43E-01	0.00E+00	-1.80E+00	-5.69E-05	-1.80E+00	-2.47E+00	-5.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
NCN402N	-1.08E-02	-8.84E-02	3.00E-03	-1.09E-01	0.00E+00	0.00E+00	-2.59E+00	-1.14E-03	4.58E-04	-6.23E-03	0.00E+00	4.60E-20	-1.92E-09	-1.18E-07	-7.86E-03	-2.07E+00	0.00E+00	0.00E+00	-2.57E+00	1.53E-19	-7.65E-01	0.00E+00	5.57E-10	-2.87E-08	-2.46E-03	0.00E+00	-3.97E-01	0.00E+00	-7.65E-01	-3.15E-05	-7.65E-01	-9.16E-01	-3.97E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NCN404A	-1.05E-02	-2.16E-02	1.79E-03	-4.91E-02	0.00E+00	0.00E+00	-3.04E+00	-1.08E-03	-2.81E-04	-6.90E-03	0.00E+00	4.60E-20	-3.51E-09	-1.01E-07	-7.57E-03	-2.12E+00	0.00E+00	0.00E+00	-3.56E+00	1.53E-19	-1.60E+00	0.00E+00	-1.52E-09	-2.77E-08	-2.51E-03	0.00E+00	-5.22E-01	0.00E+00	-1.60E+00	-4.31E-05	-1.60E+00	-2.17E+00	-5.22E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+02
NCN404N	-1.02E-02	-1.08E-01	2.73E-03	-1.28E-01	0.00E+00	0.00E+00	-2.46E+00	-1.09E-03	5.17E-04	-6.12E-03	0.00E+00	4.60E-20	-2.28E-09	-1.15E-07	-7.94E-03	-2.05E+00	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	-7.73E-01	0.00E+00	6.38E-10	-3.04E-08	-2.37E-03	0.00E+00	-3.89E-01	0.00E+00	-7.73E-01	-2.99E-05	-7.73E-01	-9.60E-01	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.10E+02
NCN406A	-9.36E-03	-6.86E-02	9.18E-04	-1.15E-01	0.00E+00	0.00E+00	-1.69E+00	-5.80E-04	4.87E-04	-6.86E-03	0.00E+00	4.60E-20	-2.37E-09	-9.76E-08	-2.80E-03	-2.53E+00	0.00E+00	0.00E+00	-2.73E+00	1.53E-19	-1.88E+00	0.00E+00	-2.81E-09	-1.92E-08	-2.11E-03	0.00E+00	-5.34E-01	0.00E+00	-1.88E+00	-3.33E-05	-1.88E+00	-2.49E+00	-5.34E-01	0.00E+00	0.00E+00	0.00E+00	-1.21E+02
NCN410A	2.73E-03	6.33E-01	1.59E-02	6.17E-01	0.00E+00	0.00E+00	3.63E+00	-3.26E-05	1.38E-03	5.32E-03	0.00E+00	2.04E-19	6.40E-10	1.27E-08	2.45E-02	9.54E-01	0.00E+00	0.00E+00	2.80E+00	6.95E-19	5.11E+00	0.00E+00	4.12E-08	1.94E-08	1.40E-03	0.00E+00	4.99E-01	0.00E+00	5.11E+00	-3.43E-07	5.11E+00	5.61E+00	4.99E-01	0.00E+00	0.00E+00	0.00E+00	9.99E+01
NCN416	-1.74E-02	1.01E-03	5.81E-03	-4.80E-03	0.00E+00	0.00E+00	-1.46E+00	-1.80E-03	-6.30E-04	-8.64E-03	0.00E+00	1.23E-19	-1.72E-09	-2.04E-07	-2.92E-02	-2.86E+00	0.00E+00	0.00E+00	-2.02E+00	4.07E-19	1.20E+00	0.00E+00	1.60E-08	-2.68E-08	-2.46E-03	0.00E+00	-5.31E-01	0.00E+00	1.20E+00	-5.11E-05	1.20E+00	6.71E-01	-5.31E-01	0.00E+00	0.00E+00	0.00E+00	-9.57E+01
NCN416A	-2.05E-02	-3.21E-01	-7.64E-03	-3.14E-01	0.00E+00	0.00E+00	-5.69E+00	-1.97E-03	-1.02E-03	-1.28E-02	0.00E+00	4.63E-20	-6.18E-09	-2.29E-07	-4.79E-02	-3.84E+00	0.00E+00	0.00E+00	-7.06E+00	1.77E-19	-5.65E+00	0.00E+00	-1.88E-08	-6.95E-08	-4.59E-03	0.00E+00	-1.15E+00	0.00E+00	-5.65E+00	-6.09E-05	-5.65E+00	-6.81E+00	-1.15E+00	0.00E+00	0.00E+00	0.00E+00	-2.96E+02
NCN420	4.06E-03	2.86E-01	1.69E-02	2.69E-01	0.00E+00	0.00E+00	4.02E+00	7.90E-06	2.37E-03	2.97E-03	0.00E+00	1.59E-19	7.38E-10	2.96E-08	2.23E-02	3.81E-02	0.00E+00	0.00E+00	3.19E+00	5.23E-19	4.61E+00	0.00E+00	3.45E-08	1.75E-08	9.75E-04	0.00E+00	3.89E-01	0.00E+00	4.61E+00	9.30E-07	4.61E+00	5.00E+00	3.89E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
NCN420A	4.50E-03	5.83E-01	1.76E-02	5.66E-01	0.00E+00	0.00E+00	4.02E+00	6.80E-06	2.56E-03	5.25E-03	0.00E+00	1.92E-19	3.92E-10	2.93E-08	2.48E-02	3.59E-01	0.00E+00	0.00E+00	2.67E+00	6.66E-19	5.08E+00	0.00E+00	4.15E-08	1.97E-08	1.46E-03	0.00E+00	4.00E-01	0.00E+00	5.08E+00	3.37E-07	5.08E+00	5.48E+00	4.00E-01	0.00E+00	0.00E+00	0.00E+00	9.27E+01
NCN425	1.64E-04	-3.67E-01	1.39E-03	-3.68E-01	0.00E+00	0.00E+00	-2.21E-01	-1.64E-04	1.77E-03	-3.73E-03	0.00E+00	3.30E-20	-3.64E-09	5.06E-09	-4.16E-02	-1.86E+00	0.00E+00	0.00E+00	-2.60E+00	1.27E-19	-3.44E+00	0.00E+00	-7.69E-09	-3.14E-08	-1.71E-03	0.00E+00	-6.37E-01	0.00E+00	-3.44E+00	-8.73E-06	-3.44E+00	-4.08E+00	-6.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NCN425A	3.38E-03	1.72E-01	1.33E-02	1.58E-01	0.00E+00	0.00E+00	3.17E+00	-1.58E-05	2.27E-03	1.83E-03	0.00E+00	1.34E-19	-2.96E-10	2.57E-08	1.79E-02	-1.07E+00	0.00E+00	0.00E+00	1.75E+00	4.52E-19	3.03E+00	0.00E+00	2.61E-08	7.68E-09	4.92E-04	0.00E+00	8.95E-02	0.00E+00	3.03E+00	-1.09E-06	3.03E+00	3.12E+00	8.95E-02	0.00E+00	0.00E+00	0.00E+00	5.82E+01
NCN432A	3.09E-03	2.04E-01	9.15E-03	1.95E-01	0.00E+00	0.00E+00	1.26E+00	-9.23E-05	2.93E-03	1.34E-03	0.00E+00	1.15E-19	-2.56E-09	2.27E-08	-3.15E-02	-6.79E-01	0.00E+00	0.00E+00	-1.00E+00	4.31E-19	-4.14E-01	0.00E+00	1.52E-08	-1.30E-08	-2.25E-04	0.00E+00	-2.99E-01	0.00E+00	-4.14E-01	-5.36E-06	-4.14E-01	-7.13E-01	-2.99E-01	0.00E+00	0.00E+00	0.00E+00	-4.83E+01
NCN440A	3.59E-03	-1.52E-01	1.10E-02	-1.63E-01	0.00E+00	0.00E+00	1.74E+00	-1.16E-04	3.67E-03	-1.33E-03	0.00E+00	7.27E-20	-1.78E-09	2.99E-08	-3.30E-02	-1.80E+00	0.00E+00	0.00E+00	1.31E-01	2.53E-19	-3.82E-01	0.00E+00	9.63E-09	-1.20E-08	-6.24E-04	0.00E+00	-3.67E-01	0.00E+00	-3.82E-01	-5.51E-06	-3.82E-01	-7.48E-01	-3.67E-01	0.00E+00	0.00E+00	0.00E+00	7.15E-01
NCN450	-6.21E-02	-2.60E-02	-6.11E-03	-1.99E-02	0.00E+00	0.00E+00	-1.36E+01	-6.28E-03	-2.47E-03	-3.18E-02	0.00E+00	1.35E-19	-8.28E-09	-7.30E-07	-4.08E-02	-5.57E+00	0.00E+00	0.00E+00	-1.21E+01	4.88E-19	-3.25E+00	0.00E+00	-2.84E-09	-1.14E-07	-9.39E-03	0.00E+00	-1.39E+00	0.00E+00	-3.25E+00	-1.82E-04	-3.25E+00	-4.64E+00	-1.39E+00	0.00E+00	0.00E+00	0.00E+00	-5.24E+02
NCN450A	-6.19E-02	-3.69E-01	-6.71E-03	-3.62E-01	0.00E+00	0.00E+00	-1.36E+01	-6.24E-03	-2.63E-03	-3.42E-02	0.00E+00	1.04E-19	-7.88E-09	-7.24E-07	-1.75E-03	-7.13E+00	0.00E+00	0.00E+00	-1.09E+01	3.28E-19	-3.37E+00	0.00E+00	-1.22E-08	-1.14E-07	-9.86E-03	0.00E+00	-1.33E+00	0.00E+00	-3.37E+00	-1.80E-04	-3.37E+00	-4.70E+00	-1.33E+00	0.00E+00	0.00E+00	0.00E+00	-4.74E+02
NCN463	-6.21E-02	-2.42E-01	-4.12E-03	-2.38E-01	0.00E+00	0.00E+00	-1.30E+01	-6.29E-03	-2.59E-03	-3.34E-02	0.00E+00	1.31E-19	-7.27E-09	-7.30E-07	2.37E-03	-5.97E+00	0.00E+00	0.00E+00	-1.01E+01	4.14E-19	-1.99E+00	0.00E+00	-3.93E-09	-1.07E-07	-9.51E-03	0.00E+00	-1.08E+00	0.00E+00	-1.99E+00	-1.81E-04	-1.99E+00	-3.07E+00	-1.08E+00	0.00E+00	0.00E+00	0.00E+00	-4.45E+02
NCN463A	-6.37E-02	-3.10E-01	-1.12E-02	-2.99E-01	0.00E+00	0.00E+00	-1.53E+01	-6.37E-03	-2.72E-03	-3.48E-02	0.00E+00	9.62E-20	-9.78E-09	-7.42E-07	-4.97E-02	-6.19E+00	0.00E+00	0.00E+00	-1.34E+01	3.35E-19	-6.26E+00	0.00E+00	-2.10E-08	-1.33E-07	-1.06E-02	0.00E+00	-1.61E+00	0.00E+00	-6.26E+00	-1.86E-04	-6.26E+00	-7.87E+00	-1.61E+00	0.00E+00	0.00E+00	0.00E+00	-5.72E+02
NCN463N	-1.02E-02	1.43E-01	5.88E-03	1.26E-01	0.00E+00	0.00E+00	-2.03E+00	-3.32E-03	1.40E-03	-3.15E-03	0.00E+00	4.60E-20	-2.72E-09	-1.06E-07	-3.15E-03	-2.13E+00	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	1.55E-01	0.00E+00	9.72E-09	-2.46E-08	-1.70E-03	0.00E+00	-2.40E-01	0.00E+00	1.55E-01	-3.78E-05	1.55E-01	-3.89E-02	-2.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
NCN506A	-4.97E-03	3.01E-02	3.34E-03	3.18E-02	0.00E+00	0.00E+00	2.85E-01	-2.53E-04	4.40E-04	-1.32E-03	0.00E+00	4.60E-20	-1.05E-09	-2.24E-08	-5.40E-04	-1.23E+00	0.00E+00	0.00E+00	-4.19E-01	1.53E-19	2.25E-01	0.00E+00	3.19E-09	-8.24E-09	-4.95E-04	0.00E+00	-1.82E-01	0.00E+00	2.25E-01	-6.89E-06	2.25E-01	2.53E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-2.30E+01
NCN520	-5.77E-03	2.37E-02	3.64E-03	2.05E-02	0.00E+00	0.00E+00	2.36E-01	-2.01E-04	4.76E-04	-1.44E-03	0.00E+00	4.60E-20	-1.17E-09	-3.74E-08	7.81E-04	-1.31E+00	0.00E+00	0.00E+00	-4.72E-01	1.53E-19	2.45E-01	0.00E+00	2.76E-09	-9.48E-09	-6.06E-04	0.00E+00	-1.81E-01	0.00E+00	2.45E-01	-8.92E-06	2.45E-01	2.91E-01	-1.81E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+01
NCN520A	-2.96E-03	2.51E-02	3.64E-03	2.05E-02	0.00E+00	0.00E+00	2.47E-01	-1.91E-04	4.69E-04	-6.00E-04	0.00E+00	4.60E-20	-1.13E-09	-2.51E-08	9.37E-04	-1.14E+00	0.00E+00	0.00E+00	-3.67E-01	1.53E-19	2.45E-01	0.00E+00	2.76E-09	-5.08E-09	-4.37E-04	0.00E+00	-1.75E-01	0.00E+00	2.45E-01	-6.58E-06	2.45E-01	2.78E-01	-1.75E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
NCN532	-6.24E-03	8.74E-04	3.13E-03	9.27E-03	0.00E+00	0.00E+00	-1.40E-01	-3.04E-04	4.80E-04	-1.77E-03	0.00E+00	4.60E-20	-1.66E-09	-4.52E-08	-1.30E-04	-1.59E+00	0.00E+00	0.00E+00	-8.37E-01	1.53E-19	1.30E-01	0.00E+00	2.44E-09	-1.36E-08	-8.39E-04	0.00E+00	-2.84E-01	0.00E+00	1.30E-01	-1.46E-05	1.30E-01	-1.06E-02	-2.84E-01	0.00E+00	0.00E+00	0.00E+00	-4.17E+01
NCN613	-2.04E-02	-5.12E-01	-6.08E-03	-5.05E-01	0.00E+00	0.00E+00	-5.02E+00	-1.95E-03	-1.12E-03	-1.40E-02	0.00E+00	3.27E-20	-5.24E-09	-2.25E-07	-4.69E-02	-3.78E+00	0.00E+00	0.00E+00	-5.86E+00	1.00E-19	-4.91E+00	0.00E+00	-1.88E-08	-6.44E-08	-4.65E-03	0.00E+00	-1.04E+00	0.00E+00	-4.91E+00	-5.91E-05	-4.91E+00	-5.95E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-2.45E+02
NCN620	1.50E-03	2.45E-02	5.30E-03	1.92E-02	0.00E+00	0.00E+00	2.83E-01	-1.23E-04	2.07E-03	-4.29E-04	0.00E+00	9.26E-20	-3.13E-09	1.15E-08	-3.64E-02	-2.63E-01	0.00E+00	0.00E+00	-1.59E+00	3.38E-19	-2.00E+00	0.00E+00	4.73E-09	-2.26E-08	-9.11E-04	0.00E+00	-3.01E-01	0.00E+00	-2.00E+00	-6.44E-06	-2.00E+00	-2.30E+00	-3.01E-01	0.00E+00	0.00E+00	0.00E+00	-6.87E+01
NCN625	-3.50E-02	-3.47E-01	-1.00E-02	-3.37E-01	0.00E+00	0.00E+00	-9.20E+00	-3.44E-03	-1.61E-03	-2.04E-02	0.00E+00	5.64E-20	-7.85E-09	-4.00E-07	-4.97E-02	-4.20E+00	0.00E+00	0.00E+00	-9.74E+00	2.16E-19	-6.36E+00	0.00E+00	-2.16E-08	-9.38E-08	-6.75E-03	0.00E+00	-1.30E+00	0.00E+00	-6.36E+00	-1.03E-04	-6.36E+00	-7.66E+00	-1.30E+00	0.00E+00	0.00E+00	0.00E+00	-4.12E+02
NCN632	5.57E-03	6.55E-01	1.96E-02	6.36E-01	0.00E+00	0.00E+00	4.23E+00	6.98E-06	3.33E-03	5.92E-03	0.00E+00	2.00E-19	4.39E-10	3.69E-08	2.59E-02	-6.03E-02	0.00E+00	0.00E+00	2.92E+00	7.01E-19	5.37E+00	0.00E+00	4.44E-08	2.16E-08	1.66E-03	0.00E+00	3.64E-01	0.00E+00	5.37E+00	2.83E-07	5.37E+00	5.73E+00	3.64E-01	0.00E+00	0.00E+00	0.00E+00	1.02E+02
NCN640	4.59E-03	3.08E-01	1.31E-02	2.95E-01	0.00E+00	0.00E+00	1.82E+00	-1.17E-04	3.97E-03	2.21E-03	0.00E+00	1.33E-19	-2.13E-09	3.04E-08	1.39E-02	7.28E-03	0.00E+00	0.00E+00	3.58E-01	4.80E-19	1.20E+00	0.00E+00	2.15E-08	-3.67E-09	1.85E-04	0.00E+00	1.25E-01	0.00E+00	1.20E+00	-6.04E-06	1.20E+00	1.33E+00	1.25E-01	0.00E+00	0.00E+00	0.00E+00	1.90E+00
NCN650	-6.34E-02	-3.86E-01	-1.34E-02	-3.73E-01	0.00E+00	0.00E+00	-1.59E+01	-6.32E-03	-2.73E-03	-3.52E-02	0.00E+00	7.78E-20	-1.04E-08	-7.36E-07	-5.30E-02	-6.92E+00	0.00E+00	0.00E+00	-1.41E+01	2.81E-19	-7.44E+00	0.00E+00	-2.72E-08	-1.39E-07	-1.08E-02	0.00E+00	-1.79E+00	0.00E+00	-7.44E+00	-1.85E-04	-7.44E+00	-9.23E+00	-1.79E+00	0.00E+00	0.00E+00	0.00E+00	-5.99E+02
NCN663	6.61E-03	6.82E-01	2.22E-02	6.60E-01	0.00E+00	0.00E+00	4.07E+00	-5.33E-05	4.47E-03	5.82E-03	0.00E+00	2.11E-19	2.83E-10	4.22E-08	2.59E-02	9.76E-01	0.00E+00	0.00E+00	3.39E+00	7.31E-19	5.24E+00	0.00E+00	4.53E-08	2.06E-08	1.58E-03	0.00E+00	5.65E-01	0.00E+00	5.24E+00	-1.67E-06	5.24E+00	5.80E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	1.23E+02
ND106P	-2.02E-03	-5.73E-03	1.27E-03	-1.64E-02	0.00E+00	0.00E+00	-8.13E-01	-2.48E-04	2.29E-05	-1.57E-03	0.00E+00	4.60E-20	-9.12E-10	-2.79E-08	-8.53E-04	-6.52E-01	0.00E+00	0.00E+00	-9.01E-01	1.53E-19	-1.66E-01	0.00E+00	2.26E-10	-1.43E-08	-5.97E-04	0.00E+00	-2.50E-01	0.00E+00	-1.66E-01	-1.02E-05	-1.66E-01	-3.28E-01	-2.50E-01	0.00E+00	0.00E+00	0.00E+00	-4.00E+01
ND110P	-3.67E-03	-5.34E-03	1.29E-03	-1.77E-02	0.00E+00	0.00E+00	-9.53E-01	-4.74E-04	1.19E-05	-2.92E-03	0.00E+00	4.60E-20	-1.06E-09	-3.73E-08	-5.77E-04	-9.05E-01	0.00E+00	0.00E+00	-1.10E+00	1.53E-19	-1.64E-01	0.00E+00	3.93E-10	-1.65E-08	-6.42E-04	0.00E+00	-2.54E-01	0.00E+00	-1.64E-01	-1.20E-05	-1.64E-01	-3.17E-01	-2.54E-01	0.00E+00	0.00E+00	0.00E+00	-4.98E+01
ND116P	-2.03E-03	-4.60E-03	1.31E-03	-1.76E-02	0.00E+00	0.00E+00	-8.10E-01	-2.44E-04	2.51E-05	-1.61E-03	0.00E+00	4.60E-20	-9.08E-10	-2.83E-08	-2.35E-04	-6.63E-01	0.00E+00	0.00E+00	-9.09E-01	1.53E-19	-1.65E-01	0.00E+00	2.48E-10	-1.42E-08	-6.13E-04	0.00E+00	-2.48E-01	0.00E+00	-1.65E-01	-9.96E-06	-1.65E-01	-3.36E-01	-2.48E-01	0.00E+00	0.00E+00	0.00E+00	-4.02E+01
ND120P	-4.30E-03	-9.68E-03	1.32E-03	-2.01E-02	0.00E+00	0.00E+00	-1.08E+00	-5.77E-04	-2.73E-06	-3.32E-03	0.00E+00	4.60E-20	-1.12E-09	-4.47E-08	-6.03E-04	-1.03E+00	0.00E+00	0.00E+00	-1.17E+00	1.53E-19	-1.97E-01	0.00E+00	-2.20E-10	-1.76E-08	-8.23E-04	0.00E+00	-2.74E-01	0.00E+00	-1.97E-01	-1.35E-05	-1.97E-01	-3.55E-01	-2.74E-01	0.00E+00	0.00E+00	0.00E+00	-5.24E+01
ND125P	-4.30E-03	-5.92E-03	1.47E-03	-1.63E-02	0.00E+00	0.00E+00	-1.14E+00	-6.19E-04	2.93E-05	-3.55E-03	0.00E+00	4.60E-20	-1.12E-09	-4.64E-08	-5.04E-04	-9.88E-01	0.00E+00	0.00E+00	-1.26E+00	1.53E-19	-1.66E-01	0.00E+00	1.78E-10	-1.83E-08	-7.34E-04	0.00E+00	-2.66E-01	0.00E+00	-1.66E-01	-1.27E-05	-1.66E-01	-3.14E-01	-2.66E-01	0.00E+00	0.00E+00	0.00E+00	-5.70E+01
ND132P	-4.48E-03	-5.62E-03	1.39E-03	-1.53E-02	0.00E+00	0.00E+00	-1.18E+00	-6.32E-04	2.06E-05	-3.66E-03	0.00E+00	4.60E-20	-1.13E-09	-4.69E-08	-5.82E-04	-9.43E-01	0.00E+00	0.00E+00	-1.27E+00	1.53E-19	-1.71E-01	0.00E+00	2.81E-10	-1.82E-08	-7.30E-04	0.00E+00	-2.64E-01	0.00E+00	-1.71E-01	-1.26E-05	-1.71E-01	-3.22E-01	-2.64E-01	0.00E+00	0.00E+00	0.00E+00	-5.78E+01
ND140P	-2.35E-03	-4.66E-03	1.35E-03	-1.79E-02	0.00E+00	0.00E+00	-9.90E-01	-3.15E-04	2.23E-05	-1.85E-03	0.00E+00	4.60E-20	-9.31E-10	-3.39E-08	-1.46E-04	-6.60E-01	0.00E+00	0.00E+00	-1.02E+00	1.53E-19	-1.54E-01	0.00E+00	5.06E-10	-1.51E-08	-6.23E-04	0.00E+00	-2.46E-01	0.00E+00	-1.54E-01	-1.10E-05	-1.54E-01	-3.26E-01	-2.46E-01	0.00E+00	0.00E+00	0.00E+00	-4.58E+01
ND150P	-4.46E-03	-4.96E-03	1.46E-03	-1.33E-02	0.00E+00	0.00E+00	-1.26E+00	-5.46E-04	7.63E-06	-2.76E-03	0.00E+00	4.60E-20	-1.09E-09	-5.45E-08	-7.00E-04	-7.11E-01	0.00E+00	0.00E+00	-1.20E+00	1.53E-19	-1.92E-01	0.00E+00	1.82E-10	-1.73E-08	-6.16E-04	0.00E+00	-2.48E-01	0.00E+00	-1.92E-01	-1.75E-05	-1.92E-01	-3.88E-01	-2.48E-01	0.00E+00	0.00E+00	0.00E+00	-5.47E+01
ND163P	-7.34E-03	-1.55E-02	1.39E-03	-1.72E-02	0.00E+00	0.00E+00	-1.43E+00	-6.33E-04	-1.84E-05	-3.34E-03	0.00E+00	4.60E-20	-1.18E-09	-7.55E-08	-9.71E-04	-8.86E-01	0.00E+00	0.00E+00	-1.33E+00	1.53E-19	-2.31E-01	0.00E+00	-6.38E-10	-1.74E-08	-6.15E-04	0.00E+00	-2.56E-01	0.00E+00	-2.31E-01	-2.21E-05	-2.31E-01	-5.29E-01	-2.56E-01	0.00E+00	0.00E+00	0.00E+00	-5.93E+01
ND206P	-4.92E-03	-2.12E-02	1.64E-03	-1.56E-02	0.00E+00	0.00E+00	-1.44E+00	-6.71E-04	-2.91E-05	-3.89E-03	0.00E+00	4.60E-20	-1.82E-09	-6.09E-08	-5.48E-03	-1.64E+00	0.00E+00	0.00E+00	-1.78E+00	1.53E-19	-2.82E-01	0.00E+00	-2.09E-09	-2.41E-08	-9.99E-04	0.00E+00	-2.93E-01	0.00E+00	-2.82E-01	-1.61E-05	-2.82E-01	-4.45E-01	-2.93E-01	0.00E+00	0.00E+00	0.00E+00	-7.67E+01
ND216P	-7.92E-03	-3.55E-02	1.62E-03	-2.28E-02	0.00E+00	0.00E+00	-1.98E+00	-8.56E-04	-5.97E-05	-4.98E-03	0.00E+00	4.60E-20	-1.99E-09	-8.71E-08	-4.98E-03	-1.86E+00	0.00E+00	0.00E+00	-2.01E+00	1.53E-19	-3.63E-01	0.00E+00	-3.38E-09	-2.56E-08	-1.29E-03	0.00E+00	-3.33E-01	0.00E+00	-3.63E-01	-1.98E-05	-3.63E-01	-6.14E-01	-3.33E-01	0.00E+00	0.00E+00	0.00E+00	-9.19E+01
ND220P	-7.89E-03	-3.43E-02	1.51E-03	-2.25E-02	0.00E+00	0.00E+00	-2.00E+00	-8.47E-04	-6.62E-05	-5.10E-03	0.00E+00	4.60E-20	-1.96E-09	-7.81E-08	-4.99E-03	-1.97E+00	0.00E+00	0.00E+00	-2.00E+00	1.53E-19	-3.84E-01	0.00E+00	-3.20E-09	-2.57E-08	-1.30E-03	0.00E+00	-3.39E-01	0.00E+00	-3.84E-01	-1.95E-05	-3.84E-01	-6.72E-01	-3.39E-01	0.00E+00	0.00E+00	0.00E+00	-9.19E+01
ND225P	-8.15E-03	-5.18E-02	9.20E-04	-2.97E-02	0.00E+00	0.00E+00	-2.06E+00	-7.98E-04	-8.07E-05	-5.22E-03	0.00E+00	4.60E-20	-2.21E-09	-7.99E-08	-5.00E-03	-2.01E+00	0.00E+00	0.00E+00	-2.11E+00	1.53E-19	-4.29E-01	0.00E+00	-4.15E-09	-2.65E-08	-1.29E-03	0.00E+00	-3.89E-01	0.00E+00	-4.29E-01	-2.20E-05	-4.29E-01	-8.96E-01	-3.89E-01	0.00E+00	0.00E+00	0.00E+00	-9.51E+01
ND232P	-7.21E-03	-5.79E-02	1.14E-03	-2.78E-02	0.00E+00	0.00E+00	-1.90E+00	-7.02E-04	-3.33E-05	-4.80E-03	0.00E+00	4.60E-20	-2.17E-09	-6.50E-08	-5.17E-03	-2.00E+00	0.00E+00	0.00E+00	-2.06E+00	1.53E-19	-3.66E-01	0.00E+00	-3.65E-09	-2.62E-08	-1.19E-03	0.00E+00	-3.94E-01	0.00E+00	-3.66E-01	-2.02E-05	-3.66E-01	-7.91E-01	-3.94E-01	0.00E+00	0.00E+00	0.00E+00	-8.99E+01
ND240P	-8.36E-03	-4.96E-02	9.29E-04	-3.51E-02	0.00E+00	0.00E+00	-2.13E+00	-8.80E-04	-9.87E-05	-5.33E-03	0.00E+00	4.60E-20	-2.21E-09	-8.18E-08	-5.12E-03	-1.98E+00	0.00E+00	0.00E+00	-2.15E+00	1.53E-19	-4.75E-01	0.00E+00	-4.29E-09	-2.69E-08	-1.38E-03	0.00E+00	-3.84E-01	0.00E+00	-4.75E-01	-2.30E-05	-4.75E-01	-9.07E-01	-3.84E-01	0.00E+00	0.00E+00	0.00E+00	-9.62E+01
ND250P	-7.53E-03	-2.98E-02	8.23E-04	-5.44E-02	0.00E+00	0.00E+00	-1.97E+00	-1.12E-03	-1.50E-04	-3.55E-03	0.00E+00	4.60E-20	-2.33E-09	-6.68E-08	-4.26E-03	-2.05E+00	0.00E+00	0.00E+00	-2.32E+00	1.53E-19	-4.11E-01	0.00E+00	-2.14E-09	-3.09E-08	-1.48E-03	0.00E+00	-3.97E-01	0.00E+00	-4.11E-01	-2.33E-05	-4.11E-01	-8.41E-01	-3.97E-01	0.00E+00	0.00E+00	0.00E+00	-9.79E+01
ND263P	-6.13E-03	-2.00E-02	9.89E-04	-4.12E-02	0.00E+00	0.00E+00	-2.17E+00	-1.97E-03	4.10E-04	-3.44E-03	0.00E+00	4.60E-20	-2.17E-09	-1.28E-07	-4.40E-03	-1.98E+00	0.00E+00	0.00E+00	-2.62E+00	1.53E-19	-2.96E-01	0.00E+00	-6.92E-11	-3.98E-08	-1.43E-03	0.00E+00	-4.00E-01	0.00E+00	-2.96E-01	-3.26E-05	-2.96E-01	-8.31E-01	-4.00E-01	0.00E+00	0.00E+00	0.00E+00	-1.16E+02
ND306P	-1.12E-02	-7.92E-02	1.25E-03	-4.23E-02	0.00E+00	0.00E+00	-2.37E+00	-9.21E-04	-2.22E-04	-7.75E-03	0.00E+00	4.60E-20	-2.64E-09	-1.41E-07	-1.09E-02	-2.16E+00	0.00E+00	0.00E+00	-2.95E+00	1.53E-19	-5.40E-01	0.00E+00	-3.86E-09	-3.58E-08	-1.84E-03	0.00E+00	-4.51E-01	0.00E+00	-5.40E-01	-3.21E-05	-5.40E-01	-6.31E-01	-4.51E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
ND310P	-1.19E-02	-1.07E-01	1.25E-03	-7.00E-02	0.00E+00	0.00E+00	-2.59E+00	-9.63E-04	-2.47E-04	-7.63E-03	0.00E+00	4.60E-20	-2.92E-09	-1.46E-07	-1.06E-02	-2.22E+00	0.00E+00	0.00E+00	-3.08E+00	1.53E-19	-6.50E-01	0.00E+00	-4.30E-09	-3.69E-08	-1.98E-03	0.00E+00	-4.82E-01	0.00E+00	-6.50E-01	-3.39E-05	-6.50E-01	-8.89E-01	-4.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.41E+02
ND316P	-1.17E-02	-1.16E-01	9.61E-04	-8.16E-02	0.00E+00	0.00E+00	-2.66E+00	-1.22E-03	-3.45E-04	-8.44E-03	0.00E+00	4.60E-20	-3.34E-09	-1.65E-07	-9.81E-03	-2.31E+00	0.00E+00	0.00E+00	-3.14E+00	1.53E-19	-5.86E-01	0.00E+00	-2.84E-09	-3.87E-08	-2.44E-03	0.00E+00	-5.01E-01	0.00E+00	-5.86E-01	-3.99E-05	-5.86E-01	-8.89E-01	-5.01E-01	0.00E+00	0.00E+00	0.00E+00	-1.42E+02
ND320P	-9.81E-03	-1.48E-01	5.65E-04	-1.19E-01	0.00E+00	0.00E+00	-2.36E+00	-8.72E-04	-1.96E-04	-6.80E-03	0.00E+00	4.60E-20	-3.44E-09	-1.21E-07	-6.87E-03	-2.26E+00	0.00E+00	0.00E+00	-2.93E+00	1.53E-19	-8.76E-01	0.00E+00	-5.78E-09	-3.30E-08	-1.98E-03	0.00E+00	-4.89E-01	0.00E+00	-8.76E-01	-3.40E-05	-8.76E-01	-1.13E+00	-4.89E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
ND325P	-9.11E-03	-1.26E-01	4.61E-04	-1.24E-01	0.00E+00	0.00E+00	-2.23E+00	-1.21E-03	-4.93E-04	-6.57E-03	0.00E+00	4.60E-20	-3.61E-09	-1.33E-07	-6.25E-03	-2.42E+00	0.00E+00	0.00E+00	-2.99E+00	1.53E-19	-8.04E-01	0.00E+00	-4.32E-09	-4.00E-08	-2.45E-03	0.00E+00	-4.78E-01	0.00E+00	-8.04E-01	-3.17E-05	-8.04E-01	-1.01E+00	-4.78E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
ND332P	-7.46E-03	-1.07E-01	1.19E-03	-1.17E-01	0.00E+00	0.00E+00	-1.92E+00	-1.39E-03	-3.41E-04	-5.03E-03	0.00E+00	4.60E-20	-3.11E-09	-1.35E-07	-5.94E-03	-2.28E+00	0.00E+00	0.00E+00	-2.85E+00	1.53E-19	-6.10E-01	0.00E+00	-1.08E-09	-3.57E-08	-2.18E-03	0.00E+00	-4.55E-01	0.00E+00	-6.10E-01	-3.34E-05	-6.10E-01	-8.41E-01	-4.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
ND340P	-9.15E-03	-1.29E-01	5.40E-04	-1.14E-01	0.00E+00	0.00E+00	-2.48E+00	-1.20E-03	-4.72E-04	-7.03E-03	0.00E+00	4.60E-20	-3.56E-09	-1.48E-07	-6.47E-03	-2.31E+00	0.00E+00	0.00E+00	-3.12E+00	1.53E-19	-8.17E-01	0.00E+00	-4.68E-09	-3.75E-08	-2.39E-03	0.00E+00	-4.84E-01	0.00E+00	-8.17E-01	-3.35E-05	-8.17E-01	-9.88E-01	-4.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
ND350P	-5.32E-03	-6.04E-02	3.28E-03	-4.38E-02	0.00E+00	0.00E+00	-1.69E+00	-1.57E-03	-5.02E-07	-4.42E-03	0.00E+00	4.60E-20	-2.81E-09	-1.52E-07	-5.68E-03	-2.01E+00	0.00E+00	0.00E+00	-2.41E+00	1.53E-19	-4.01E-01	0.00E+00	4.81E-10	-3.29E-08	-1.86E-03	0.00E+00	-4.17E-01	0.00E+00	-4.01E-01	-3.46E-05	-4.01E-01	-5.21E-01	-4.17E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
ND363P	-1.68E-02	-1.43E-01	2.24E-03	-1.39E-01	0.00E+00	0.00E+00	-2.45E+00	-3.01E-03	-3.88E-04	-1.35E-02	0.00E+00	4.60E-20	-3.65E-09	-2.45E-07	-5.91E-03	-3.04E+00	0.00E+00	0.00E+00	-3.07E+00	1.53E-19	-5.50E-01	0.00E+00	-1.22E-10	-4.46E-08	-3.62E-03	0.00E+00	-4.71E-01	0.00E+00	-5.50E-01	-5.92E-05	-5.50E-01	-7.23E-01	-4.71E-01	0.00E+00	0.00E+00	0.00E+00	-1.38E+02
ND416P	-1.62E-02	-4.17E-02	2.78E-04	-8.06E-02	0.00E+00	0.00E+00	-3.33E+00	-2.20E-03	-1.54E-04	-1.09E-02	0.00E+00	4.60E-20	-3.83E-09	-1.56E-07	-6.72E-03	-2.48E+00	0.00E+00	0.00E+00	-3.66E+00	1.53E-19	-2.04E+00	0.00E+00	-5.07E-09	-3.33E-08	-3.84E-03	0.00E+00	-5.43E-01	0.00E+00	-2.04E+00	-4.43E-05	-2.04E+00	-2.56E+00	-5.43E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02

ND425P	-2.97E-02	-5.71E-02	2.83E-03	-9.46E-02	0.00E+00	0.00E+00	-3.20E+00	-3.56E-03	1.10E-03	-1.65E-02	0.00E+00	4.60E-20	-4.18E-09	-2.38E-07	-6.04E-03	-2.39E+00	0.00E+00	0.00E+00	-3.77E+00	1.53E-19	-1.93E+00	0.00E+00	-5.44E-10	-5.62E-08	-5.71E-03	0.00E+00	-5.91E-01	0.00E+00	-1.93E+00	-8.18E-05	-1.93E+00	-2.43E+00	-5.91E-01	0.00E+00	0.00E+00	0.00E+00	-1.61E+02
ND440P	-3.41E-02	-6.54E-02	2.85E-03	-1.15E-01	0.00E+00	0.00E+00	-3.30E+00	-3.60E-03	-2.13E-03	-1.85E-02	0.00E+00	4.60E-20	-4.63E-09	-2.56E-07	-6.04E-03	-3.18E+00	0.00E+00	0.00E+00	-4.03E+00	1.53E-19	-2.06E+00	0.00E+00	-5.45E-10	-6.40E-08	-6.29E-03	0.00E+00	-6.18E-01	0.00E+00	-2.06E+00	-8.92E-05	-2.06E+00	-2.61E+00	-6.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.71E+02
ND450P	-3.81E-02	-1.21E-01	2.16E-03	-1.98E-01	0.00E+00	0.00E+00	-3.60E+00	-4.86E-03	-2.46E-03	-2.29E-02	0.00E+00	4.60E-20	-5.54E-09	-3.15E-07	-6.10E-03	-3.85E+00	0.00E+00	0.00E+00	-4.27E+00	1.53E-19	-1.57E+00	0.00E+00	-1.10E-09	-7.71E-08	-7.16E-03	0.00E+00	-6.18E-01	0.00E+00	-1.57E+00	-1.01E-04	-1.57E+00	-2.15E+00	-6.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.85E+02
NDN016	4.64E-04	4.08E-02	3.07E-03	3.77E-02	0.00E+00	0.00E+00	8.44E-01	-8.36E-06	3.24E-04	4.17E-04	0.00E+00	3.15E-20	5.97E-11	3.37E-09	-2.11E-03	-3.06E-01	0.00E+00	0.00E+00	4.03E-01	1.08E-19	8.06E-01	0.00E+00	6.87E-09	2.20E-09	1.33E-04	0.00E+00	-1.55E-02	0.00E+00	8.06E-01	-2.88E-07	8.06E-01	7.90E-01	-1.55E-02	0.00E+00	0.00E+00	0.00E+00	1.38E+01
NDN020	-7.93E-03	4.64E-02	7.51E-04	4.56E-02	0.00E+00	0.00E+00	-1.41E+00	-8.24E-04	-2.77E-04	-3.72E-03	0.00E+00	3.95E-20	-1.04E-09	-9.48E-08	2.47E-03	-8.04E-01	0.00E+00	0.00E+00	-1.18E+00	1.34E-19	8.01E-02	0.00E+00	3.17E-09	-1.33E-08	-1.13E-03	0.00E+00	-1.20E-01	0.00E+00	8.01E-02	-2.37E-05	8.01E-02	-3.95E-02	-1.20E-01	0.00E+00	0.00E+00	0.00E+00	-5.41E+01
NDN032	-1.14E-02	-1.49E-01	-2.54E-03	-1.46E-01	0.00E+00	0.00E+00	-2.77E+00	-1.12E-03	-5.35E-04	-6.87E-03	0.00E+00	1.02E-20	-1.99E-09	-1.31E-07	-8.93E-03	-1.51E+00	0.00E+00	0.00E+00	-2.53E+00	3.27E-20	-1.52E+00	0.00E+00	-6.42E-09	-2.66E-08	-2.10E-03	0.00E+00	-3.55E-01	0.00E+00	-1.52E+00	-3.30E-05	-1.52E+00	-1.88E+00	-3.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
NDN101A	-9.89E-04	8.66E-03	2.09E-03	1.80E-02	0.00E+00	0.00E+00	2.36E-01	-1.63E-04	4.31E-04	-2.18E-04	0.00E+00	4.60E-20	-6.07E-10	-5.27E-09	-3.33E-04	-6.26E-01	0.00E+00	0.00E+00	-5.35E-02	1.53E-19	1.35E-01	0.00E+00	4.36E-09	-4.75E-09	-1.72E-04	0.00E+00	-2.90E-02	0.00E+00	1.35E-01	-3.25E-06	1.35E-01	1.77E-01	-2.90E-02	0.00E+00	0.00E+00	0.00E+00	-1.92E+00
NDN120A	-7.94E-03	7.26E-02	1.25E-03	7.13E-02	0.00E+00	0.00E+00	-1.27E+00	-8.28E-04	-2.66E-04	-3.52E-03	0.00E+00	4.32E-20	-8.83E-10	-9.53E-08	-3.40E-03	-7.88E-01	0.00E+00	0.00E+00	-1.13E+00	1.50E-19	2.88E-01	0.00E+00	4.95E-09	-1.21E-08	-1.04E-03	0.00E+00	-1.40E-01	0.00E+00	2.88E-01	-2.37E-05	2.88E-01	1.48E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-5.16E+01
NDN140A	9.85E-04	-4.10E-02	2.45E-03	-4.35E-02	0.00E+00	0.00E+00	3.09E-01	-2.46E-05	9.22E-04	-3.59E-04	0.00E+00	1.70E-20	-5.85E-10	8.10E-09	1.67E-03	-2.41E-01	0.00E+00	0.00E+00	6.46E-02	5.72E-20	-1.58E-01	0.00E+00	1.44E-09	-3.36E-09	-1.95E-04	0.00E+00	-1.20E-02	0.00E+00	-1.58E-01	-1.32E-06	-1.58E-01	-1.70E-01	-1.20E-02	0.00E+00	0.00E+00	0.00E+00	7.57E-01
NDN150	-3.65E-03	5.20E-02	2.28E-03	3.46E-02	0.00E+00	0.00E+00	-9.64E-02	-3.70E-04	2.51E-04	-8.62E-04	0.00E+00	4.60E-20	-5.28E-10	-3.44E-08	-2.43E-04	-5.82E-01	0.00E+00	0.00E+00	-2.63E-01	1.53E-19	3.37E-01	0.00E+00	4.64E-09	-8.37E-09	-4.28E-04	0.00E+00	-5.30E-02	0.00E+00	3.37E-01	-9.76E-06	3.37E-01	2.60E-01	-5.30E-02	0.00E+00	0.00E+00	0.00E+00	-1.51E+01
NDN163	-3.53E-03	5.03E-02	2.25E-03	2.45E-02	0.00E+00	0.00E+00	-2.66E-01	-3.28E-04	2.91E-04	-1.05E-03	0.00E+00	4.60E-20	-9.51E-10	-3.59E-08	3.32E-05	-6.77E-01	0.00E+00	0.00E+00	-5.26E-01	1.53E-19	2.92E-01	0.00E+00	4.12E-09	-9.31E-09	-5.40E-04	0.00E+00	-1.65E-01	0.00E+00	2.92E-01	-7.73E-06	2.92E-01	2.11E-01	-1.65E-01	0.00E+00	0.00E+00	0.00E+00	-2.90E+01
NDN163A	1.89E-03	1.96E-01	6.16E-03	1.90E-01	0.00E+00	0.00E+00	1.21E+00	2.21E-06	1.15E-03	1.76E-03	0.00E+00	5.60E-20	2.43E-10	1.26E-08	7.21E-03	2.42E-01	0.00E+00	0.00E+00	1.05E+00	1.95E-19	1.61E+00	0.00E+00	1.30E-08	7.08E-09	5.14E-04	0.00E+00	1.60E-01	0.00E+00	1.61E+00	2.56E-07	1.61E+00	1.77E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	3.87E+01
NDN201	-6.23E-03	2.44E-02	3.25E-03	2.81E-02	0.00E+00	0.00E+00	2.09E-01	-2.58E-04	4.44E-04	-1.56E-03	0.00E+00	4.60E-20	-1.17E-09	-3.50E-08	-3.95E-04	-1.32E+00	0.00E+00	0.00E+00	-5.25E-01	1.53E-19	1.33E-01	0.00E+00	3.25E-09	-9.32E-09	-5.95E-04	0.00E+00	-1.85E-01	0.00E+00	1.33E-01	-1.11E-05	1.33E-01	1.37E-01	-1.85E-01	0.00E+00	0.00E+00	0.00E+00	-2.87E+01
NDN210	-4.98E-03	3.12E-02	3.50E-03	2.50E-02	0.00E+00	0.00E+00	2.86E-01	-2.39E-04	4.60E-04	-1.37E-03	0.00E+00	4.60E-20	-1.10E-09	-2.35E-08	-3.04E-04	-1.24E+00	0.00E+00	0.00E+00	-3.87E-01	1.53E-19	2.44E-01	0.00E+00	3.28E-09	-8.80E-09	-5.78E-04	0.00E+00	-1.78E-01	0.00E+00	2.44E-01	-6.68E-06	2.44E-01	2.75E-01	-1.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.23E+01
NDN250	-7.65E-03	1.77E-02	2.92E-03	-2.48E-02	0.00E+00	0.00E+00	-8.47E-01	-8.23E-04	3.57E-04	-2.60E-03	0.00E+00	4.60E-20	-1.85E-09	-6.87E-08	2.16E-04	-1.71E+00	0.00E+00	0.00E+00	-1.19E+00	1.53E-19	-8.23E-03	0.00E+00	2.93E-09	-2.19E-08	-1.32E-03	0.00E+00	-3.20E-01	0.00E+00	-8.23E-03	-2.44E-05	-8.23E-03	-2.62E-01	-3.20E-01	0.00E+00	0.00E+00	0.00E+00	-5.89E+01
NDN301A	-8.92E-03	-2.90E-02	2.07E-03	-1.08E-04	0.00E+00	0.00E+00	-1.48E+00	-7.15E-04	2.40E-04	-5.84E-03	0.00E+00	4.60E-20	-2.34E-09	-1.13E-07	-4.04E-03	-1.97E+00	0.00E+00	0.00E+00	-2.57E+00	1.53E-19	-3.34E-01	0.00E+00	4.02E-09	-2.82E-08	-1.36E-03	0.00E+00	-4.55E-01	0.00E+00	-3.34E-01	-2.96E-05	-3.34E-01	-6.18E-01	-4.55E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
NDN320A	8.73E-04	-1.45E-01	4.23E-03	-1.49E-01	0.00E+00	0.00E+00	4.70E-01	-1.06E-04	1.44E-03	-1.52E-03	0.00E+00	5.67E-20	-1.94E-09	7.05E-09	4.04E-03	-1.55E+00	0.00E+00	0.00E+00	-3.64E-01	1.82E-19	-9.57E-01	0.00E+00	8.67E-10	-1.42E-08	-8.16E-04	0.00E+00	-2.07E-01	0.00E+00	-9.57E-01	-5.10E-06	-9.57E-01	-1.16E+00	-2.07E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+01
NDN325	-2.39E-02	1.86E-01	2.79E-03	1.83E-01	0.00E+00	0.00E+00	-3.96E+00	-2.48E-03	-8.20E-04	-1.08E-02	0.00E+00	1.26E-19	-2.94E-09	-2.86E-07	9.50E-03	-2.44E+00	0.00E+00	0.00E+00	-3.58E+00	4.30E-19	8.46E-01	0.00E+00	1.30E-08	-3.67E-08	-3.20E-03	0.00E+00	-3.61E-01	0.00E+00	8.46E-01	-7.18E-05	8.46E-01	4.85E-01	-3.61E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+02
NDN325A	2.20E-03	1.23E-01	9.86E-03	1.13E-01	0.00E+00	0.00E+00	2.29E+00	-4.16E-05	1.67E-03	1.17E-03	0.00E+00	1.00E-19	-2.62E-10	1.55E-08	1.33E-02	-8.95E-01	0.00E+00	0.00E+00	1.24E+00	3.37E-19	2.23E+00	0.00E+00	1.93E-08	5.07E-09	3.13E-04	0.00E+00	5.06E-02	0.00E+00	2.23E+00	-1.89E-06	2.23E+00	2.28E+00	5.06E-02	0.00E+00	0.00E+00	0.00E+00	4.08E+01
NDN332A	-3.19E-02	2.06E-01	2.00E-03	2.04E-01	0.00E+00	0.00E+00	-5.89E+00	-3.30E-03	-1.11E-03	-1.48E-02	0.00E+00	1.34E-19	-3.67E-09	-3.81E-07	-2.34E-02	-2.40E+00	0.00E+00	0.00E+00	-5.16E+00	4.68E-19	1.66E-01	0.00E+00	1.27E-08	-5.13E-08	-4.36E-03	0.00E+00	-5.60E-01	0.00E+00	1.66E-01	-9.44E-05	1.66E-01	-3.94E-01	-5.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.29E+02
NDN340A	4.36E-03	4.10E-01	1.51E-02	3.95E-01	0.00E+00	0.00E+00	2.89E+00	-4.03E-05	3.14E-03	3.55E-03	0.00E+00	1.34E-19	1.39E-10	2.95E-08	-1.46E-02	7.60E-02	0.00E+00	0.00E+00	1.80E+00	4.78E-19	3.05E+00	0.00E+00	3.02E-08	1.07E-08	9.54E-04	0.00E+00	1.09E-01	0.00E+00	3.05E+00	-1.34E-06	3.05E+00	3.16E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	6.53E+01
NDN350A	-4.80E-02	-3.01E-01	-1.11E-02	-2.90E-01	0.00E+00	0.00E+00	-1.21E+01	-4.77E-03	-2.09E-03	-2.67E-02	0.00E+00	5.14E-20	-8.11E-09	-5.56E-07	-4.08E-02	-4.71E+00	0.00E+00	0.00E+00	-1.11E+01	1.97E-19	-5.78E+00	0.00E+00	-2.11E-08	-1.06E-07	-8.21E-03	0.00E+00	-1.32E+00	0.00E+00	-5.78E+00	-1.40E-04	-5.78E+00	-7.10E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-4.74E+02
NDN363A	-4.67E-02	-1.86E-02	-3.58E-03	-1.50E-02	0.00E+00	0.00E+00	-1.01E+01	-4.73E-03	-1.86E-03	-2.39E-02	0.00E+00	1.10E-19	-5.91E-09	-5.50E-07	-3.05E-02	-3.93E+00	0.00E+00	0.00E+00	-8.52E+00	3.80E-19	-2.19E+00	0.00E+00	-1.24E-09	-8.43E-08	-7.05E-03	0.00E+00	-9.53E-01	0.00E+00	-2.19E+00	-1.37E-04	-2.19E+00	-3.14E+00	-9.53E-01	0.00E+00	0.00E+00	0.00E+00	-3.70E+02
NDN410	-9.28E-03	-1.16E-01	8.94E-06	-1.78E-01	0.00E+00	0.00E+00	-1.95E+00	-5.31E-04	6.04E-04	-7.64E-03	0.00E+00	4.60E-20	-3.14E-09	-1.09E-07	-2.68E-03	-2.56E+00	0.00E+00	0.00E+00	-2.97E+00	1.53E-19	-1.45E+00	0.00E+00	-3.03E-09	-2.28E-08	-2.42E-03	0.00E+00	-5.56E-01	0.00E+00	-1.45E+00	-3.81E-05	-1.45E+00	-2.19E+00	-5.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NDN416	-7.57E-04	-1.41E-01	-1.18E-04	-1.41E-01	0.00E+00	0.00E+00	-6.45E-01	-1.72E-04	9.65E-04	-2.09E-03	0.00E+00	5.91E-20	-3.84E-09	-5.45E-09	-4.13E-02	-1.83E+00	0.00E+00	0.00E+00	-3.02E+00	2.26E-19	-3.51E+00	0.00E+00	-5.71E-09	-3.22E-08	-1.48E-03	0.00E+00	-6.68E-01	0.00E+00	-3.51E+00	-8.96E-06	-3.51E+00	-4.18E+00	-6.68E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
NDN416A	2.89E-03	5.67E-01	1.60E-02	5.51E-01	0.00E+00	0.00E+00	3.68E+00	-3.26E-05	1.57E-03	4.89E-03	0.00E+00	1.95E-19	6.45E-10	1.50E-08	2.37E-02	-2.06E-01	0.00E+00	0.00E+00	2.83E+00	6.60E-19	4.88E+00	0.00E+00	3.89E-08	1.81E-08	1.31E-03	0.00E+00	3.31E-01	0.00E+00	4.88E+00	-4.46E-07	4.88E+00	5.21E+00	3.31E-01	0.00E+00	0.00E+00	0.00E+00	1.01E+02
NDN432A	4.57E-03	2.88E-01	1.83E-02	2.70E-01	0.00E+00	0.00E+00	4.09E+00	-3.16E-05	3.05E-03	2.86E-03	0.00E+00	1.58E-19	7.24E-10	3.20E-08	2.27E-02	-2.68E-01	0.00E+00	0.00E+00	3.33E+00	5.23E-19	4.72E+00	0.00E+00	3.55E-08	1.78E-08	9.90E-04	0.00E+00	3.62E-01	0.00E+00	4.72E+00	-5.58E-07	4.72E+00	5.08E+00	3.62E-01	0.00E+00	0.00E+00	0.00E+00	1.22E+02
NDN440A	4.91E-03	1.49E-01	1.63E-02	1.32E-01	0.00E+00	0.00E+00	3.46E+00	-5.49E-05	3.91E-03	1.54E-03	0.00E+00	1.19E-19	-3.10E-10	3.78E-08	-2.36E-02	-6.14E-01	0.00E+00	0.00E+00	1.45E+00	4.26E-19	2.76E+00	0.00E+00	2.88E-08	6.83E-09	5.17E-04	0.00E+00	-5.73E-02	0.00E+00	2.76E+00	-2.66E-06	2.76E+00	2.70E+00	-5.73E-02	0.00E+00	0.00E+00	0.00E+00	4.89E+01
NDN450A	-6.29E-02	-2.15E-01	-1.04E-02	-2.04E-01	0.00E+00	0.00E+00	-1.53E+01	-6.34E-03	-2.64E-03	-3.38E-02	0.00E+00	1.12E-19	-9.76E-09	-7.37E-07	-6.39E-03	-5.97E+00	0.00E+00	0.00E+00	-1.27E+01	3.82E-19	-5.45E+00	0.00E+00	-1.86E-08	-1.28E-07	-1.03E-02	0.00E+00	-1.32E+00	0.00E+00	-5.45E+00	-1.85E-04	-5.45E+00	-6.77E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	-5.48E+02
NDN463A	-6.41E-02	-4.66E-01	-1.55E-02	-4.51E-01	0.00E+00	0.00E+00	-1.62E+01	-6.36E-03	-2.81E-03	-3.61E-02	0.00E+00	5.97E-20	-1.10E-08	-7.41E-07	-5.47E-02	-6.90E+00	0.00E+00	0.00E+00	-1.51E+01	2.28E-19	-8.03E+00	0.00E+00	-3.07E-08	-1.43E-07	-1.11E-02	0.00E+00	-1.88E+00	0.00E+00	-8.03E+00	-1.87E-04	-8.03E+00	-9.91E+00	-1.88E+00	0.00E+00	0.00E+00	0.00E+00	-6.43E+02
NEN116	-8.65E-04	1.24E-02	1.91E-03	2.25E-02	0.00E+00	0.00E+00	8.25E-02	-1.37E-04	4.34E-04	-3.57E-04	0.00E+00	4.60E-20	-4.09E-10	-9.06E-09	-2.08E-04	-3.36E-01	0.00E+00	0.00E+00	-7.49E-02	1.53E-19	2.49E-02	0.00E+00	4.76E-09	-4.34E-09	-1.74E-04	0.00E+00	-2.70E-02	0.00E+00	2.49E-02	-4.14E-06	2.49E-02	2.56E-02	-2.70E-02	0.00E+00	0.00E+00	0.00E+00	-2.86E+00
NEN220	-2.71E-03	1.91E-02	3.22E-03	1.34E-02	0.00E+00	0.00E+00	-9.85E-02	-1.79E-04	4.79E-04	-7.34E-04	0.00E+00	4.60E-20	-8.45E-10	-2.41E-08	4.93E-04	-1.29E+00	0.00E+00	0.00E+00	-4.30E-01	1.53E-19	7.50E-02	0.00E+00	3.29E-09	-4.11E-09	-4.93E-04	0.00E+00	-1.28E-01	0.00E+00	7.50E-02	-7.01E-06	7.50E-02	-2.27E-02	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-2.15E+01
NEN450	-2.82E-02	-1.03E-01	1.69E-03	-1.24E-01	0.00E+00	0.00E+00	-3.62E+00	-4.58E-03	4.67E-04	-1.09E-02	0.00E+00	4.60E-20	-3.78E-09	-2.17E-07	-3.43E-03	-3.37E+00	0.00E+00	0.00E+00	-4.31E+00	1.53E-19	-1.47E+00	0.00E+00	3.96E-09	-3.96E-08	-4.70E-03	0.00E+00	-5.59E-01	0.00E+00	-1.47E+00	-6.15E-05	-1.47E+00	-2.33E+00	-5.59E-01	0.00E+00	0.00E+00	0.00E+00	-1.87E+02
NF100A	-3.36E-03	1.84E-02	5.15E-04	1.31E-02	0.00E+00	0.00E+00	-8.86E-01	-5.25E-04	4.02E-05	-1.94E-03	0.00E+00	4.60E-20	-1.02E-09	-6.66E-08	-1.35E-03	-8.96E-01	0.00E+00	0.00E+00	-8.04E-01	1.53E-19	-2.07E-01	0.00E+00	1.53E-09	-9.79E-09	-9.41E-04	0.00E+00	-9.92E-02	0.00E+00	-2.07E-01	-1.84E-05	-2.07E-01	-3.49E-01	-9.92E-02	0.00E+00	0.00E+00	0.00E+00	-3.68E+01
NF101A	-5.59E-03	-7.07E-02	2.86E-04	-3.07E-02	0.00E+00	0.00E+00	-1.02E+00	-6.15E-04	2.08E-05	-2.70E-03	0.00E+00	4.60E-20	-1.11E-09	-7.20E-08	-1.94E-03	-9.93E-01	0.00E+00	0.00E+00	-9.60E-01	1.53E-19	-2.80E-01	0.00E+00	3.58E-10	-1.35E-08	-1.25E-03	0.00E+00	-1.40E-01	0.00E+00	-2.80E-01	-2.09E-05	-2.80E-01	-4.38E-01	-1.40E-01	0.00E+00	0.00E+00	0.00E+00	-4.31E+01
NF102A	-5.77E-03	-6.71E-02	5.37E-04	-1.77E-02	0.00E+00	0.00E+00	-9.42E-01	-6.20E-04	4.96E-05	-2.76E-03	0.00E+00	4.60E-20	-1.06E-09	-6.04E-08	-2.06E-03	-8.47E-01	0.00E+00	0.00E+00	-9.37E-01	1.53E-19	-2.84E-01	0.00E+00	1.07E-10	-1.29E-08	-1.24E-03	0.00E+00	-1.58E-01	0.00E+00	-2.84E-01	-1.94E-05	-2.84E-01	-4.48E-01	-1.58E-01	0.00E+00	0.00E+00	0.00E+00	-4.22E+01
NF103A	-3.38E-03	2.51E-02	7.13E-04	2.55E-02	0.00E+00	0.00E+00	-8.17E-01	-5.60E-04	6.54E-05	-1.90E-03	0.00E+00	4.60E-20	-9.35E-10	-5.22E-08	-1.14E-03	-7.13E-01	0.00E+00	0.00E+00	-7.69E-01	1.53E-19	-1.69E-01	0.00E+00	1.44E-09	-9.77E-09	-8.79E-04	0.00E+00	-1.01E-01	0.00E+00	-1.69E-01	-1.74E-05	-1.69E-01	-3.01E-01	-1.01E-01	0.00E+00	0.00E+00	0.00E+00	-3.47E+01
NF104A	-3.30E-03	2.44E-02	6.53E-04	2.21E-02	0.00E+00	0.00E+00	-7.09E-01	-5.37E-04	7.33E-05	-1.80E-03	0.00E+00	4.60E-20	-8.88E-10	-5.40E-08	-8.66E-04	-6.93E-01	0.00E+00	0.00E+00	-7.41E-01	1.53E-19	-1.80E-01	0.00E+00	1.28E-09	-9.14E-09	-8.68E-04	0.00E+00	-9.09E-02	0.00E+00	-1.80E-01	-1.68E-05	-1.80E-01	-2.99E-01	-9.09E-02	0.00E+00	0.00E+00	0.00E+00	-3.36E+01
NF106A	-8.96E-04	2.04E-02	1.12E-03	3.02E-02	0.00E+00	0.00E+00	3.50E-02	-5.71E-05	1.37E-04	-4.15E-04	0.00E+00	4.60E-20	-4.84E-10	-5.11E-09	-1.76E-03	-2.76E-01	0.00E+00	0.00E+00	-2.25E-01	1.53E-19	2.97E-03	0.00E+00	1.03E-09	-3.69E-09	-3.63E-04	0.00E+00	-4.16E-02	0.00E+00	2.97E-03	-1.03E-06	2.97E-03	-4.19E-02	-4.16E-02	0.00E+00	0.00E+00	0.00E+00	-9.82E+00
NF110A	-1.06E-03	3.52E-02	9.29E-04	5.32E-02	0.00E+00	0.00E+00	2.58E-02	-6.31E-05	1.23E-04	-5.02E-04	0.00E+00	4.60E-20	-5.34E-10	-2.64E-09	-2.07E-03	-3.25E-01	0.00E+00	0.00E+00	-2.58E-01	1.53E-19	-5.22E-02	0.00E+00	3.90E-10	-4.32E-09	-3.32E-04	0.00E+00	-4.07E-02	0.00E+00	-5.22E-02	-2.24E-06	-5.22E-02	-8.38E-02	-4.07E-02	0.00E+00	0.00E+00	0.00E+00	-1.15E+01
NF116A	-1.02E-03	4.28E-02	1.02E-03	4.29E-02	0.00E+00	0.00E+00	2.89E-03	-7.65E-05	1.20E-04	-5.45E-04	0.00E+00	4.60E-20	-4.82E-10	-4.06E-09	-6.07E-04	-3.06E-01	0.00E+00	0.00E+00	-2.60E-01	1.53E-19	-6.31E-03	0.00E+00	1.17E-09	-4.15E-09	-3.39E-04	0.00E+00	-3.97E-02	0.00E+00	-6.31E-03	-2.68E-06	-6.31E-03	-6.92E-02	-3.97E-02	0.00E+00	0.00E+00	0.00E+00	-1.20E+01
NF120A	-1.32E-03	5.34E-02	5.42E-04	4.68E-02	0.00E+00	0.00E+00	-5.40E-03	-9.86E-05	8.82E-05	-1.92E-03	0.00E+00	4.60E-20	-3.96E-10	-2.23E-08	-2.13E-04	-2.85E-01	0.00E+00	0.00E+00	-2.46E-01	1.53E-19	8.01E-02	0.00E+00	2.39E-09	-3.54E-09	-7.15E-04	0.00E+00	-3.97E-02	0.00E+00	8.01E-02	-4.25E-06	8.01E-02	3.95E-02	-3.97E-02	0.00E+00	0.00E+00	0.00E+00	-1.19E+01
NF125A	-1.41E-03	4.41E-02	1.64E-03	4.05E-02	0.00E+00	0.00E+00	1.56E-02	-1.87E-04	1.67E-04	-9.53E-04	0.00E+00	4.60E-20	-5.21E-10	-1.73E-08	-1.05E-03	-2.61E-01	0.00E+00	0.00E+00	-3.37E-01	1.53E-19	1.35E-01	0.00E+00	4.17E-09	-3.40E-09	-2.35E-04	0.00E+00	-1.82E-02	0.00E+00	1.35E-01	-4.56E-06	1.35E-01	1.43E-01	-1.82E-02	0.00E+00	0.00E+00	0.00E+00	-1.49E+01
NF132A	-8.32E-03	3.13E-02	6.62E-04	4.28E-02	0.00E+00	0.00E+00	-1.70E+00	-1.04E-03	-4.97E-05	-4.53E-03	0.00E+00	4.60E-20	-1.28E-09	-1.30E-07	-1.08E-03	-1.04E+00	0.00E+00	0.00E+00	-1.66E+00	1.53E-19	-9.43E-02	0.00E+00	1.61E-09	-1.84E-08	-1.35E-03	0.00E+00	-1.74E-01	0.00E+00	-9.43E-02	-3.24E-05	-9.43E-02	-2.44E-01	-1.74E-01	0.00E+00	0.00E+00	0.00E+00	-7.17E+01
NF140A	-5.34E-03	3.93E-02	1.62E-03	6.09E-02	0.00E+00	0.00E+00	-1.41E+00	-7.31E-04	2.56E-04	-3.17E-03	0.00E+00	4.60E-20	-1.15E-09	-9.06E-08	-1.01E-03	-8.26E-01	0.00E+00	0.00E+00	-1.44E+00	1.53E-19	-4.32E-02	0.00E+00	4.33E-09	-1.38E-08	-9.03E-04	0.00E+00	-1.36E-01	0.00E+00	-4.32E-02	-2.36E-05	-4.32E-02	-1.29E-01	-1.36E-01	0.00E+00	0.00E+00	0.00E+00	-6.26E+01
NF150A	-6.48E-03	-1.39E-01	4.24E-04	-8.97E-02	0.00E+00	0.00E+00	-1.36E+00	-8.11E-04	-9.72E-06	-3.38E-03	0.00E+00	4.60E-20	-1.08E-09	-8.03E-08	-3.32E-03	-1.23E+00	0.00E+00	0.00E+00	-1.09E+00	1.53E-19	-6.20E-01	0.00E+00	-2.83E-10	-1.33E-08	-1.22E-03	0.00E+00	-2.57E-01	0.00E+00	-6.20E-01	-2.35E-05	-6.20E-01	-1.07E+00	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	-4.81E+01
NF163A	-4.89E-03	-1.15E-01	1.96E-06	-8.05E-02	0.00E+00	0.00E+00	-1.08E+00	-6.19E-04	3.40E-04	-3.23E-03	0.00E+00	4.60E-20	-1.06E-09	-7.61E-08	-3.41E-03	-1.05E+00	0.00E+00	0.00E+00	-9.92E-01	1.53E-19	-5.89E-01	0.00E+00	7.98E-10	-1.01E-08	-9.85E-04	0.00E+00	-2.40E-01	0.00E+00	-5.89E-01	-2.16E-05	-5.89E-01	-1.07E+00	-2.40E-01	0.00E+00	0.00E+00	0.00E+00	-4.15E+01
NF200A	-5.55E-03	2.29E-02	6.33E-04	1.29E-02	0.00E+00	0.00E+00	-1.38E+00	-6.48E-04	-7.69E-07	-2.94E-03	0.00E+00	4.60E-20	-1.39E-09	-9.04E-08	-6.32E-03	-1.55E+00	0.00E+00	0.00E+00	-1.35E+00	1.53E-19	-4.07E-01	0.00E+00	1.41E-09	-1.20E-08	-1.54E-03	0.00E+00	-2.58E-01	0.00E+00	-4.07E-01	-2.78E-05	-4.07E-01	-6.56E-01	-2.58E-01	0.00E+00	0.00E+00	0.00E+00	-6.03E+01
NF201A	-8.62E-03	-6.66E-02	3.06E-04	-5.60E-02	0.00E+00	0.00E+00	-1.64E+00	-7.54E-04	-1.10E-04	-3.71E-03	0.00E+00	4.60E-20	-1.45E-09	-1.04E-07	-6.81E-03	-1.90E+00	0.00E+00	0.00E+00	-1.49E+00	1.53E-19	-4.32E-01	0.00E+00	6.94E-10	-1.59E-08	-1.89E-03	0.00E+00	-2.92E-01	0.00E+00	-4.32E-01	-3.06E-05	-4.32E-01	-8.07E-01	-2.92E-01	0.00E+00	0.00E+00	0.00E+00	-6.51E+01
NF202A	-7.91E-03	-6.46E-02	4.95E-04	-4.33E-02	0.00E+00	0.00E+00	-1.43E+00	-7.11E-04	-9.58E-06	-3.74E-03	0.00E+00	4.60E-20	-1.44E-09	-7.69E-08	-6.89E-03	-1.64E+00	0.00E+00	0.00E+00	-1.40E+00	1.53E-19	-4.28E-01	0.00E+00	1.29E-09	-1.47E-08	-1.79E-03	0.00E+00	-2.61E-01	0.00E+00	-4.28E-01	-2.57E-05	-4.28E-01	-7.36E-01	-2.61E-01	0.00E+00	0.00E+00	0.00E+00	-6.16E+01
NF203A	-5.94E-03	2.56E-02	1.05E-03	1.47E-02	0.00E+00	0.00E+00	-1.33E+00	-7.27E-04	4.56E-05	-3.23E-03	0.00E+00	4.60E-20	-1.34E-09	-8.60E-08	-6.04E-03	-1.38E+00	0.00E+00	0.00E+00	-1.33E+00	1.53E-19	-3.29E-01	0.00E+00	2.06E-09	-1.23E-08	-1.58E-03	0.00E+00	-2.22E-01	0.00E+00	-3.29E-01	-2.77E-05	-3.29E-01	-5.57E-01	-2.22E-01	0.00E+00	0.00E+00	0.00E+00	-6.14E+01
NF204A	-6.73E-03	2.49E-02	5.17E-04	1.36E-02	0.00E+00	0.00E+00	-1.51E+00	-7.24E-04	1.32E-05	-3.23E-03	0.00E+00	4.60E-20	-1.42E-09	-8.34E-08	-6.53E-03	-1.60E+00	0.00E+00	0.00E+00	-1.46E+00	1.53E-19	-4.11E-01	0.00E+00	1.56E-09	-1.26E-08	-1.66E-03	0.00E+00	-2.73E-01	0.00E+00	-4.11E-01	-2.69E-05	-4.11E-01	-7.04E-01	-2.73E-01	0.00E+00	0.00E+00	0.00E+00	-6.57E+01
NF206A	-2.62E-03	3.00E-02	2.65E-03	1.83E-02	0.00E+00	0.00E+00	-1.64E-01	-2.61E-04	1.42E-04	-9.82E-04	0.00E+00	4.60E-20	-6.33E-10	-2.85E-08	-5.76E-03	-8.03E-01	0.00E+00	0.00E+00	-5.83E-01	1.53E-19	-5.03E-02	0.00E+00	3.99E-09	-4.90E-09	-4.84E-04	0.00E+00	-1.46E-01	0.00E+00	-5.03E-02	-7.96E-06	-5.03E-02	-1.24E-01	-1.46E-01	0.00E+00	0.00E+00	0.00E+00	-3.04E+01
NF210A	-3.22E-03	6.59E-02	3.02E-03	5.17E-02	0.00E+00	0.00E+00	-2.05E-01	-1.69E-04	1.17E-04	-5.73E-04	0.00E+00	4.60E-20	-5.43E-10	-1.67E-08	-4.26E-03	-8.50E-01	0.00E+00	0.00E+00	-6.79E-01	1.53E-19	-1.10E-01	0.00E+00	5.13E-09	-2.42E-09	-2.74E-04	0.00E+00	-1.28E-01	0.00E+00	-1.10E-01	-4.21E-06	-1.10E-01	-1.37E-01	-1.28E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
NF216A	-3.50E-03	5.02E-02	2.33E-03	7.04E-03	0.00E+00	0.00E+00	-3.78E-01	-5.81E-04	1.18E-04	-1.72E-03	0.00E+00	4.60E-20	-9.16E-10	-6.23E-08	-3.54E-03	-9.73E-01	0.00E+00	0.00E+00	-1.09E+00	1.53E-19	-1.76E-01	0.00E+00	4.73E-09	-9.03E-09	-7.08E-04	0.00E+00	-1.69E-01	0.00E+00	-1.76E-01	-1.63E-05	-1.76E-01	-3.48E-01	-1.69E-01	0.00E+00	0.00E+00	0.00E+00	-4.80E+01
NF220A	-2.97E-03	3.32E-02	1.83E-03	-6.18E-03	0.00E+00	0.00E+00	-6.18E-01	-4.68E-04	1.05E-04	-2.06E-03	0.00E+00	4.60E-20	-1.11E-09	-5.20E-08	-1.81E-03	-1.06E+00	0.00E+00	0.00E+00	-1.25E+00	1.53E-19	-3.84E-01	0.00E+00	3.87E-09	-1.02E-08	-7.90E-04	0.00E+00	-1.98E-01	0.00E+00	-3.84E-01	-1.49E-05	-3.84E-01	-5.94E-01	-1.98E-01	0.00E+00	0.00E+00	0.00E+00	-5.49E+01
NF225A	-1.92E-03	2.09E-03	1.81E-03	-2.67E-02	0.00E+00	0.00E+00	-4.65E-01	-4.72E-04	1.33E-04	-2.05E-03	0.00E+00	4.60E-20	-1.39E-09	-4.40E-08	-1.36E-03	-9.35E-01	0.00E+00	0.00E+00	-1.01E+00	1.53E-19	-1.50E-01	0.00E+00	3.38E-09	-1.18E-08	-7.91E-04	0.00E+00	-1.55E-01	0.00E+00	-1.50E-01	-1.40E-05	-1.50E-01	-3.42E-01	-1.55E-01	0.00E+00	0.00E+00	0.00E+00	-4.55E+01
NF232A	-7.86E-03	1.99E-02	8.27E-04	2.12E-02	0.00E+00	0.00E+00	-2.06E+00	-7.78E-04	-6.81E-05	-5.17E-03	0.00E+00	4.60E-20	-1.83E-09	-1.40E-07	-1.52E-03	-1.68E+00	0.00E+00	0.00E+00	-1.96E+00	1.53E-19	-2.01E-01	0.00E+00	1.70E-09	-2.25E-08	-1.76E-03	0.00E+00	-2.57E-01	0.00E+00	-2.01E-01	-3.62E-05	-2.01E-01	-4.68E-01	-2.57E-01	0.00E+00	0.00E+00	0.00E+00	-8.72E+01
NF240A	-1.17E-02	5.74E-02	1.67E-03	4.72E-02	0.00E+00	0.00E+00	-1.79E+00	-8.51E-04	2.21E-04	-5.74E-03	0.00E+00	4.60E-20	-2.22E-09	-1.06E-07	-1.86E-03	-1.45E+00	0.00E+00	0.00E+00	-1.79E+00	1.53E-19	1.00E-01	0.00E+00	5.01E-09	-2.61E-08	-1.59E-03	0.00E+00	-2.96E-01	0.00E+00	1.00E-01	-3.29E-05	1.00E-01	-1.64E-01	-2.96E-01	0.00E+00	0.00E+00	0.00E+00	-8.60E+01
NF250A	-1.14E-02	-1.57E-01	-2.42E-03	-1.11E-01	0.00E+00	0.00E+00	-1.59E+00	-1.21E-03	-1.11E-04	-3.73E-03	0.00E+00	4.60E-20	-1.02E-09	-7.59E-08	-7.14E-03	-1.92E+00	0.00E+00	0.00E+00	-1.33E+00	1.53E-19	-1.01E+00	0.00E+00	-1.82E-09	-1.67E-08	-2.04E-03	0.00E+00	-3.52E-01	0.00E+00	-1.01E+00	-3.35E-05	-1.01E+00	-1.42E+00	-3.52E-01	0.00E+00	0.00E+00	0.00E+00	-6.70E+01
NF263A	-9.33E-03	-9.84E-02	-2.60E-03	-2.17E-02	0.00E+00	0.00E+00	-1.61E+00	-1.39E-03	1.17E-04	-2.62E-03	0.00E+00	4.60E-20	-1.00E-09	-1.04E-07	-5.17E-03	-1.48E+00	0.00E+00	0.00E+00	-1.42E+00	1.53E-19	-7.73E-01	0.00E+00	-7.03E-11	-3.88E-08	-1.77E-03	0.00E+00	-2.79E-01	0.00E+00	-7.73E-01	-4.43E-05	-7.73E-01	-1.16E+00	-2.79E-01	0.00E+00	0.00E+00	0.00E+00	-6.91E+01
NF300A	-1.30E-02	-5.77E-02	-6.34E-04	-2.79E-02	0.00E+00	0.00E+00	-2.50E+00	-1.41E-03	-4.90E-04	-7.10E-03	0.00E+00	4.60E-20	-3.01E-09	-1.73E-07	-9.67E-03	-3.04E+00	0.00E+00	0.00E+00	-3.04E+00	1.53E-19	-7.65E-01	0.00E+00	-1.21E-09	-3.62E-08	-2.36E-03	0.00E+00	-4.83E-01	0.00E+00	-7.65E-01	-4.73E-05	-7.65E-01	-1.28E+00	-4.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
NF301A	-1.51E-02	-1.47E-01	-6.58E-04	-8.85E-02	0.00E+00	0.00E+00	-2.52E+00	-1.45E-03	-5.00E-04	-7.56E-03	0.00E+00	4.60E-20	-3.03E-09	-1.76E-07	-9.86E-03	-3.11E+00	0.00E+00	0.00E+00	-3.07E+00	1.53E-19	-8.30E-01	0.00E+00	-1.99E-09	-3.83E-08	-2.59E-03	0.00E+00	-4.83E-01	0.00E+00	-8.30E-01	-4.76E-05	-8.30E-01	-1.34E+00	-4.83E-01	0.00E+00	0.00E+00	0.00E+00	-1.45E+02
NF302A	-1.66E-02	-1.84E-01	-7.76E-04	-1.27E-01	0.00E+00	0.00E+00	-2.57E+00	-1.49E-03	-4.71E-04	-7.99E-03	0.00E+00	4.60E-20	-3.06E-09	-1.70E-07	-8.61E-03	-2.98E+00	0.00E+00	0.00E+00	-3.11E+00	1.53E-19	-1.40E+00	0.00E+00	-3.26E-09	-3.72E-08	-2.71E-03	0.00E+00	-5.13E-01	0.00E+00	-1.40E+00	-4.80E-05	-1.40E+00	-1.93E+00	-5.13E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+02
NF303A	-1.27E-02	-6.39E-02	-1.57E-04	-3.54E-02	0.00E+00	0.00E+00	-2.45E+00	-1.40E-03	-3.56E-04	-6.93E-03	0.00E+00	4.60E-20	-2.90E-09	-1.66E-07	-7.61E-03	-2.19E+00	0.00E+00	0.00E+00	-3.05E+00	1.53E-19	-8.26E-01	0.00E+00	-1.18E-09	-3.54E-08	-2.39E-03	0.00E+00	-4.52E-01	0.00E+00	-8.26E-01	-4.89E-05	-8.26E-01	-1.24E+00	-4.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.44E+02
NF304A	-1.29E-02	-8.54E-02	-6.03E-04	-6.53E-02	0.00E+00	0.00E+00	-2.53E+00	-1.46E-03	-4.62E-04	-7.29E-03	0.00E+00	4.60E-20	-3.07E-09	-1.74E-07	-8.21E-03	-3.06E+00	0.00E+00	0.00E+00	-3.11E+00	1.53E-19	-8.30E-01	0.00E+00	-1.43E-09	-3.64E-08	-2.42E-03	0.00E+00	-4.93E-01	0.00E+00	-8.30E-01	-5.08E-05	-8.30E-01	-1.33E+00	-4.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.46E+02
NF306A	-3.48E-03	1.89E-02	3.10E-03	-1.48E-03	0.00E+00	0.00E+00	7.03E-02	-6.82E-04	1.25E-04	-2.38E-03	0.00E+00	4.60E-20	-9.06E-10	-6.85E-08	4.11E-04	-1.25E+00	0.00E+00	0.00E+00	-8.19E-01	1.53E-19	-9.34E-02	0.00E+00	3.92E-09	-9.44E-09	-9.73E-04	0.00E+00	-2.08E-01	0.00E+00	-9.34E-02	-1.88E-05	-9.34E-02	-2.50E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-3.91E+01
NF310A	-2.80E-03	1.67E-02	2.87E-03	2.93E-03	0.00E+00	0.00E+00	-2.00E-01	-5.74E-04	1.14E-04	-3.23E-03	0.00E+00	4.60E-20	-1.06E-09	-4.15E-08	1.18E-03	-1.37E+00	0.00E+00	0.00E+00	-1.31E+00	1.53E-19	-7.27E-01	0.00E+00	1.17E-09	-8.24E-09	-9.99E-04	0.00E+00	-2.67E-01	0.00E+00	-7.27E-01	-1.11E-05	-7.27E-01	-9.21E-01	-2.67E-01	0.00E+00	0.00E+00	0.00E+00	-5.87E+01
NF316A	-3.28E-03	-8.58E-03	1.16E-03	-1.54E-02	0.00E+00	0.00E+00	-8.23E-01	-5.48E-04	1.67E-04	-4.05E-03	0.00E+00	4.60E-20	-1.32E-09	-5.53E-08	-4.64E-04	-1.30E+00	0.00E+00	0.00E+00	-1.88E+00	1.53E-19	-8.06E-01	0.00E+00	8.39E-10	-1.30E-08	-1.02E-03	0.00E+00	-3.00E-01	0.00E+00	-8.06E-01	-1.54E-05	-8.06E-01	-1.03E+00	-3.00E-01	0.00E+00	0.00E+00	0.00E+00	-8.00E+01
NF320A	-2.46E-03	-5.25E-03	5.62E-04	-3.39E-02	0.00E+00	0.00E+00	-1.24E+00	-6.49E-04	8.93E-05	-5.16E-03	0.00E+00	4.60E-20	-1.47E-09	-5.37E-08	-3.13E-04	-1.46E+00	0.00E+00	0.00E+00	-1.94E+00	1.53E-19	-8.40E-01	0.00E+00	2.89E-09	-1.32E-08	-1.04E-03	0.00E+00	-3.40E-01	0.00E+00	-8.40E-01	-1.67E-05	-8.40E-01	-1.17E+00	-3.40E-01	0.00E+00	0.00E+00	0.00E+00	-8.39E+01
NF325A	-3.07E-03	3.32E-02	1.37E-03	5.81E-02	0.00E+00	0.00E+00	-4.55E-01	-5.39E-04	1.95E-04	-6.70E-03	0.00E+00	4.60E-20	-1.40E-09	-7.16E-08	-2.32E-03	-1.16E+00	0.00E+00	0.00E+00	-1.31E+00	1.53E-19	1.84E-01	0.00E+00	7.64E-09	-1.05E-08	-5.79E-04	0.00E+00	-2.52E-01	0.00E+00	1.84E-01	-1.65E-05	1.84E-01	1.01E-01	-2.52E-01	0.00E+00	0.00E+00	0.00E+00	-6.20E+01
NF332A	-1.08E-02	4.08E-02	-8.81E-04	1.48E-01	0.00E+00	0.00E+00	-3.02E+00	-2.39E-03	-4.60E-04	-5.90E-03	0.00E+00	4.60E-20	-3.09E-09	-2.72E-07	-2.33E-03	-3.02E+00	0.00E+00	0.00E+00	-3.16E+00	1.53E-19	1.63E-01	0.00E+00	8.64E-09	-5.94E-08	-1.67E-03	0.00E+00	-3.98E-01	0.00E+00	1.63E-01	-7.77E-05	1.63E-01	-8.52E-02	-3.98E-01	0.00E+00	0.00E+00	0.00E+00	-1.54E+02
NF340A	-3.21E-02	-1.75E-01	-9.94E-04	-3.34E-01	0.00E+00	0.00E+00	-5.37E+00	-3.42E-03	-1.38E-03	-1.94E-02	0.00E+00	4.60E-20	-5.70E-09	-3.95E-07	-4.62E-03	-3.51E+00	0.00E+00	0.00E+00	-5.10E+00	1.53E-19	-1.23E+00	0.00E+00	2.40E-09	-6.90E-08	-6.47E-03	0.00E+00	-6.56E-01	0.00E+00	-1.23E+00	-9.77E-05	-1.23E+00	-1.90E+00	-6.56E-01	0.00E+00	0.00E+00	0.00E+00	-2.28E+02
NF350A	-2.73E-02	-2.63E-01	-7.65E-03	-8.00E-02	0.00E+00	0.00E+00	-6.62E+00	-2.55E-03	-9.30E-04	-1.06E-02	0.00E+00	4.60E-20	-5.03E-09	-3.75E-07	-3.66E-03	-3.98E+00	0.00E+00	0.00E+00	-6.02E+00	1.53E-19	-2.21E+00	0.00E+00	-4.41E-09	-6.65E-08	-3.16E-03	0.00E+00	-7.58E-01	0.00E+00	-2.21E+00	-8.35E-05	-2.21E+00	-3.05E+00	-7.58E-01	0.00E+00	0.00E+00	0.00E+00	-2.65E+02
NF363A	-4.27E-02	-3.15E-01	-7.21E-03	-3.77E-01	0.00E+00	0.00E+00	-7.57E+00	-3.89E-03	-1.45E-03	-2.27E-02	0.00E+00	4.60E-20	-6.40E-09	-5.46E-07	-5.53E-03	-4.00E+00	0.00E+00	0.00E+00	-6.85E+00	1.53E-19	-2.46E+00	0.00E+00	-2.53E-09	-8.17E-08	-6.18E-03	0.00E+00	-7.90E-01	0.00E+00	-2.46E+00	-1.29E-04	-2.46E+00	-3.41E+00	-7.90E-01	0.00E+00	0.00E+00	0.00E+00	-3.00E+02
NF400A	-2.09E-02	1.76E-02	-9.02E-04	-9.90E-03	0.00E+00	0.00E+00	-3.41E+00	-1.96E-03	-3.40E-04	-1.01E-02	0.00E+00	4.60E-20	-4.20E-09	-1.83E-07	-7.98E-03	-2.85E+00	0.00E+00	0.00E+00	-3.57E+00	1.53E-19	-1.42E+00	0.00E+00	-1.91E-09	-3.17E-08	-3.96E-03	0.00E+00	-5.82E-01	0.00E+00	-1.42E+00	-5.17E-05	-1.42E+00	-2.21E+00	-5.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
NF401A	-3.16E-02	-1.01E-01	-1.05E-03	-1.22E-01	0.00E+00	0.00E+00	-3.57E+00	-2.04E-03	1.07E-03	-1.61E-02	0.00E+00	4.60E-20	-4.96E-09	-2.05E-07	-7.60E-03	-3.02E+00	0.00E+00	0.00E+00	-4.02E+00	1.53E-19	-1.91E+00	0.00E+00	-2.90E-09	-4.34E-08	-5.50E-03	0.00E+00	-7.38E-01	0.00E+00	-1.91E+00	-6.99E-05	-1.91E+00	-2.60E+00	-7.38E-01	0.00E+00	0.00E+00	0.00E+00	-1.83E+02
NF402A	-2.74E-02	-6.49E-02	-8.04E-04	-7.99E-02	0.00E+00	0.00E+00	-3.35E+00	-2.03E-03	4.19E-04	-1.11E-02	0.00E+00	4.60E-20	-4.35E-09	-1.78E-07	-5.96E-03	-2.90E+00	0.00E+00	0.00E+00	-3.76E+00	1.53E-19	-1.48E+00	0.00E+00	-2.23E-09	-3.09E-08	-4.01E-03	0.00E+00	-6.67E-01	0.00E+00	-1.48E+00	-5.56E-05	-1.48E+00	-2.14E+00	-6.67E-01	0.00E+00	0.00E+00	0.00E+00	-1.69E+02
NF403A	-1.99E-02	6.54E-03	-1.04E-03	-2.56E-02	0.00E+00	0.00E+00	-3.22E+00	-1.85E-03	-3.48E-04	-1.02E-02	0.00E+00	4.60E-20	-4.49E-09	-1.57E-07	-6.57E-03	-2.79E+00	0.00E+00	0.00E+00	-3.54E+00	1.53E-19	-1.46E+00	0.00E+00	-2.25E-09	-3.16E-08	-3.96E-03	0.00E+00	-5.76E-01	0.00E+00	-1.46E+00	-5.13E-05	-1.46E+00	-2.16E+00	-5.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.59E+02
NF404A	-2.02E-02	4.58E-03	-1.12E-03	-2.75E-02	0.00E+00	0.00E+00	-3.30E+00	-1.93E-03	-3.51E-04	-1.03E-02	0.00E+00	4.60E-20	-4.51E-09	-1.57E-07	-6.82E-03	-2.87E+00	0.00E+00	0.00E+00	-3.56E+00	1.53E-19	-1.47E+00	0.00E+00	-2.07E-09	-3.17E-08	-4.03E-03	0.00E+00	-5.96E-01	0.00E+00	-1.47E+00	-5.14E-05	-1.47E+00	-2.20E+00	-5.96E-01	0.00E+00	0.00E+00	0.00E+00	-1.62E+02
NF406A	-8.73E-03	6.32E-02	3.10E-03	6.78E-02	0.00E+00	0.00E+00	-9.02E-01	-9.20E-04	2.99E-04	-4.66E-03	0.00E+00	4.60E-20	-1.81E-09	-8.64E-08	-2.06E-03	-1.52E+00	0.00E+00	0.00E+00	-1.58E+00	1.53E-19	-1.79E-02	0.00E+00	1.58E-09	-1.55E-08	-1.20E-03	0.00E+00	-2.54E-01	0.00E+00	-1.79E-02	-2.35E-05	-1.79E-02	-1.76E-01	-2.54E-01	0.00E+00	0.00E+00	0.00E+00	-7.36E+01

NF410A	-8.77E-03	-3.72E-02	2.44E-03	-2.89E-02	0.00E+00	0.00E+00	-6.82E-01	-9.30E-04	-8.42E-05	-6.60E-03	0.00E+00	4.60E-20	-2.55E-09	-7.13E-08	1.27E-05	-1.91E+00	0.00E+00	0.00E+00	-1.50E+00	1.53E-19	-4.13E-01	0.00E+00	2.90E-10	-2.58E-08	-1.98E-03	0.00E+00	-2.80E-01	0.00E+00	-4.13E-01	-1.74E-05	-4.13E-01	-6.39E-01	-2.80E-01	0.00E+00	0.00E+00	0.00E+00	-7.22E+01
NF416A	-7.82E-03	4.83E-02	2.59E-03	8.30E-02	0.00E+00	0.00E+00	-3.98E-01	-9.19E-04	4.25E-04	-4.71E-03	0.00E+00	4.60E-20	-2.28E-09	-4.81E-08	-1.41E-03	-1.43E+00	0.00E+00	0.00E+00	-9.75E-01	1.53E-19	2.61E-01	0.00E+00	2.45E-09	-1.69E-08	-1.08E-03	0.00E+00	-2.28E-01	0.00E+00	2.61E-01	-1.40E-05	2.61E-01	1.11E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-5.20E+01
NF420A	-7.90E-03	5.69E-02	3.14E-03	1.12E-01	0.00E+00	0.00E+00	-1.76E-01	-9.66E-04	4.64E-04	-4.45E-03	0.00E+00	4.60E-20	-1.95E-09	-4.87E-08	-1.53E-03	-1.55E+00	0.00E+00	0.00E+00	-7.84E-01	1.53E-19	7.89E-01	0.00E+00	8.70E-09	-1.45E-08	-1.19E-03	0.00E+00	-1.77E-01	0.00E+00	7.89E-01	-1.59E-05	7.89E-01	6.08E-01	-1.77E-01	0.00E+00	0.00E+00	0.00E+00	-4.42E+01
NF425A	-1.69E-02	3.97E-02	2.47E-03	1.18E-01	0.00E+00	0.00E+00	-1.87E+00	-2.04E-03	2.92E-04	-8.33E-03	0.00E+00	4.60E-20	-2.11E-09	-2.16E-07	-3.56E-03	-2.13E+00	0.00E+00	0.00E+00	-2.42E+00	1.53E-19	1.56E-01	0.00E+00	7.21E-09	-3.76E-08	-2.70E-03	0.00E+00	-3.08E-01	0.00E+00	1.56E-01	-5.59E-05	1.56E-01	-1.62E-01	-3.08E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
NF432A	-2.42E-02	2.42E-02	-1.50E-03	9.76E-02	0.00E+00	0.00E+00	-5.30E+00	-4.39E-03	2.68E-04	-1.33E-02	0.00E+00	4.60E-20	-4.91E-09	-3.08E-07	-3.06E-03	-3.05E+00	0.00E+00	0.00E+00	-5.04E+00	1.53E-19	-1.15E+00	0.00E+00	2.63E-09	-5.47E-08	-4.90E-03	0.00E+00	-7.38E-01	0.00E+00	-1.15E+00	-8.47E-05	-1.15E+00	-2.08E+00	-7.38E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+02
NF440A	-3.10E-02	-1.48E-01	-1.19E-03	-2.52E-01	0.00E+00	0.00E+00	-4.96E+00	-5.05E-03	-6.58E-04	-1.58E-02	0.00E+00	4.60E-20	-6.10E-09	-3.25E-07	-2.18E-03	-4.00E+00	0.00E+00	0.00E+00	-4.80E+00	1.53E-19	-2.52E-01	0.00E+00	2.58E-09	-6.59E-08	-5.88E-03	0.00E+00	-6.57E-01	0.00E+00	-2.52E-01	-1.01E-04	-2.52E-01	-1.31E+00	-6.57E-01	0.00E+00	0.00E+00	0.00E+00	-2.15E+02
NF450A	-6.17E-02	-3.32E-01	-9.80E-03	-3.42E-01	0.00E+00	0.00E+00	-9.28E+00	-6.07E-03	-2.79E-03	-3.49E-02	0.00E+00	4.60E-20	-8.61E-09	-6.77E-07	-6.84E-03	-6.62E+00	0.00E+00	0.00E+00	-8.24E+00	1.53E-19	-2.65E+00	0.00E+00	-7.66E-09	-1.18E-07	-1.02E-02	0.00E+00	-9.04E-01	0.00E+00	-2.65E+00	-1.74E-04	-2.65E+00	-3.49E+00	-9.04E-01	0.00E+00	0.00E+00	0.00E+00	-3.57E+02
NF463A	-6.20E-02	-3.93E-01	-1.02E-02	-3.05E-01	0.00E+00	0.00E+00	-8.52E+00	-6.04E-03	-2.70E-03	-3.39E-02	0.00E+00	4.60E-20	-8.62E-09	-6.80E-07	-1.56E-03	-6.78E+00	0.00E+00	0.00E+00	-7.89E+00	1.53E-19	-3.37E+00	0.00E+00	-7.27E-09	-1.15E-07	-9.78E-03	0.00E+00	-9.18E-01	0.00E+00	-3.37E+00	-1.76E-04	-3.37E+00	-4.38E+00	-9.18E-01	0.00E+00	0.00E+00	0.00E+00	-3.44E+02
NFN113	-1.51E-03	5.70E-02	2.05E-03	3.26E-02	0.00E+00	0.00E+00	1.31E-01	-1.36E-04	1.59E-04	-6.14E-04	0.00E+00	4.60E-20	-5.40E-10	-2.21E-08	-1.10E-04	-5.86E-01	0.00E+00	0.00E+00	-1.81E-01	1.53E-19	3.25E-01	0.00E+00	5.79E-09	-5.22E-09	-2.69E-04	0.00E+00	-4.89E-02	0.00E+00	3.25E-01	-6.13E-06	3.25E-01	2.31E-01	-4.89E-02	0.00E+00	0.00E+00	0.00E+00	-8.47E+00
NFN132	-1.09E-02	-5.09E-02	-4.59E-04	-5.04E-02	0.00E+00	0.00E+00	-2.19E+00	-1.10E-03	-4.52E-04	-5.91E-03	0.00E+00	2.79E-20	-1.39E-09	-1.28E-07	8.40E-04	-1.25E+00	0.00E+00	0.00E+00	-1.79E+00	9.03E-20	-3.76E-01	0.00E+00	-3.32E-10	-1.97E-08	-1.72E-03	0.00E+00	-2.14E-01	0.00E+00	-3.76E-01	-3.18E-05	-3.76E-01	-5.91E-01	-2.14E-01	0.00E+00	0.00E+00	0.00E+00	-7.92E+01
NFN140	1.16E-03	8.40E-02	3.58E-03	8.04E-02	0.00E+00	0.00E+00	5.02E-01	-2.89E-05	9.97E-04	6.21E-04	0.00E+00	3.44E-20	-4.25E-10	7.73E-09	-3.14E-03	-1.29E-01	0.00E+00	0.00E+00	1.67E-01	1.25E-19	2.88E-01	0.00E+00	5.83E-09	-8.91E-10	6.42E-05	0.00E+00	-1.02E-02	0.00E+00	2.88E-01	-1.33E-06	2.88E-01	2.78E-01	-1.02E-02	0.00E+00	0.00E+00	0.00E+00	4.58E+00
NFN150	-3.11E-03	5.23E-02	2.35E-03	3.65E-02	0.00E+00	0.00E+00	-5.85E-02	-3.46E-04	2.53E-04	-9.47E-04	0.00E+00	4.60E-20	-5.16E-10	-2.97E-08	-3.83E-04	-4.23E-01	0.00E+00	0.00E+00	-2.62E-01	1.53E-19	3.22E-01	0.00E+00	4.55E-09	-7.96E-09	-4.40E-04	0.00E+00	-5.05E-02	0.00E+00	3.22E-01	-8.98E-06	3.22E-01	2.52E-01	-5.05E-02	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
NFN163	1.01E-03	-2.90E-02	3.03E-03	-3.20E-02	0.00E+00	0.00E+00	4.75E-01	-2.89E-05	9.72E-04	-2.54E-04	0.00E+00	2.00E-20	-4.28E-10	8.09E-09	-4.27E-03	-3.78E-01	0.00E+00	0.00E+00	1.50E-01	6.82E-20	1.69E-02	0.00E+00	2.86E-09	-2.37E-09	-1.30E-04	0.00E+00	-5.20E-02	0.00E+00	1.69E-02	-1.36E-06	1.69E-02	-3.50E-02	-5.20E-02	0.00E+00	0.00E+00	0.00E+00	4.52E+00
NFN206	-2.93E-04	-1.49E-01	1.88E-05	-1.49E-01	0.00E+00	0.00E+00	-9.35E-02	-5.48E-05	2.62E-04	-1.46E-03	0.00E+00	2.33E-20	-1.57E-09	-8.11E-10	6.60E-04	-7.28E-01	0.00E+00	0.00E+00	-8.52E-01	7.40E-20	-1.21E+00	0.00E+00	-3.32E-09	-1.25E-08	-7.27E-04	0.00E+00	-1.57E-01	0.00E+00	-1.21E+00	-3.06E-06	-1.21E+00	-1.36E+00	-1.57E-01	0.00E+00	0.00E+00	0.00E+00	-3.76E+01
NFN210	-8.64E-04	-2.41E-01	-1.50E-03	-2.39E-01	0.00E+00	0.00E+00	-4.74E-01	-8.60E-05	2.56E-04	-2.40E-03	0.00E+00	5.99E-21	-1.96E-09	-4.27E-09	-2.29E-02	-1.27E+00	0.00E+00	0.00E+00	-1.66E+00	2.30E-20	-2.26E+00	0.00E+00	-7.90E-09	-1.88E-08	-1.06E-03	0.00E+00	-4.07E-01	0.00E+00	-2.26E+00	-4.53E-06	-2.26E+00	-2.66E+00	-4.07E-01	0.00E+00	0.00E+00	0.00E+00	-6.81E+01
NFN220	1.54E-03	1.02E-01	7.34E-03	9.50E-02	0.00E+00	0.00E+00	1.85E+00	-1.65E-05	1.13E-03	1.03E-03	0.00E+00	6.79E-20	1.33E-10	1.16E-08	-1.11E-02	-5.35E-01	0.00E+00	0.00E+00	8.28E-01	2.37E-19	1.70E+00	0.00E+00	1.55E-08	5.03E-09	3.42E-04	0.00E+00	-5.19E-02	0.00E+00	1.70E+00	-6.32E-07	1.70E+00	1.65E+00	-5.19E-02	0.00E+00	0.00E+00	0.00E+00	2.86E+01
NFN225	-1.57E-02	1.47E-01	2.12E-03	1.44E-01	0.00E+00	0.00E+00	-2.57E+00	-1.64E-03	-5.11E-04	-6.94E-03	0.00E+00	8.77E-20	-1.93E-09	-1.88E-07	6.68E-03	-1.57E+00	0.00E+00	0.00E+00	-2.33E+00	3.01E-19	6.51E-01	0.00E+00	9.50E-09	-2.37E-08	-2.06E-03	0.00E+00	-2.28E-01	0.00E+00	6.51E-01	-4.71E-05	6.51E-01	4.23E-01	-2.28E-01	0.00E+00	0.00E+00	0.00E+00	-1.08E+02
NFN232	1.22E-03	6.42E-02	3.58E-03	6.06E-02	0.00E+00	0.00E+00	2.46E-01	-7.72E-05	1.41E-03	1.77E-04	0.00E+00	5.27E-20	-1.62E-09	7.51E-09	3.78E-03	-2.62E-01	0.00E+00	0.00E+00	-5.57E-01	1.91E-19	-4.96E-01	0.00E+00	4.21E-09	-8.72E-09	-3.10E-04	0.00E+00	-4.82E-02	0.00E+00	-4.96E-01	-4.03E-06	-4.96E-01	-5.44E-01	-4.82E-02	0.00E+00	0.00E+00	0.00E+00	-2.77E+01
NFN240	-3.00E-02	-1.30E-01	-5.69E-03	-1.24E-01	0.00E+00	0.00E+00	-7.35E+00	-3.02E-03	-1.26E-03	-1.63E-02	0.00E+00	4.72E-20	-4.90E-09	-3.51E-07	-3.55E-03	-2.81E+00	0.00E+00	0.00E+00	-6.43E+00	1.66E-19	-2.83E+00	0.00E+00	-1.00E-08	-6.24E-08	-4.98E-03	0.00E+00	-6.60E-01	0.00E+00	-2.83E+00	-8.81E-05	-2.83E+00	-3.49E+00	-6.60E-01	0.00E+00	0.00E+00	0.00E+00	-2.77E+02
NFN250	1.56E-03	-1.41E-01	3.89E-03	-1.45E-01	0.00E+00	0.00E+00	4.84E-01	-6.96E-05	1.86E-03	-1.30E-03	0.00E+00	2.17E-20	-1.40E-09	1.39E-08	-1.87E-02	-1.09E+00	0.00E+00	0.00E+00	-6.23E-01	8.34E-20	-9.39E-01	0.00E+00	7.90E-10	-1.06E-08	-5.57E-04	0.00E+00	-2.78E-01	0.00E+00	-9.39E-01	-3.74E-06	-9.39E-01	-1.22E+00	-2.78E-01	0.00E+00	0.00E+00	0.00E+00	-2.78E+01
NFN263	-3.09E-02	-1.80E-03	-2.98E-03	1.18E-03	0.00E+00	0.00E+00	-6.81E+00	-3.14E-03	-1.21E-03	-1.58E-02	0.00E+00	7.37E-20	-4.20E-09	-3.64E-07	7.08E-04	-3.21E+00	0.00E+00	0.00E+00	-5.82E+00	2.56E-19	-1.40E+00	0.00E+00	-1.69E-09	-5.60E-08	-4.66E-03	0.00E+00	-6.39E-01	0.00E+00	-1.40E+00	-9.09E-05	-1.40E+00	-2.04E+00	-6.39E-01	0.00E+00	0.00E+00	0.00E+00	-2.55E+02
NFN302	-9.26E-03	-4.95E-02	1.64E-03	-6.48E-02	0.00E+00	0.00E+00	-1.72E+00	-6.74E-04	2.23E-04	-5.50E-03	0.00E+00	4.60E-20	-2.48E-09	-1.14E-07	-3.65E-03	-1.98E+00	0.00E+00	0.00E+00	-2.59E+00	1.53E-19	-2.68E-01	0.00E+00	3.72E-09	-2.71E-08	-1.39E-03	0.00E+00	-4.29E-01	0.00E+00	-2.68E-01	-2.61E-05	-2.68E-01	-7.08E-01	-4.29E-01	0.00E+00	0.00E+00	0.00E+00	-1.17E+02
NFN310	-1.24E-02	-4.02E-01	-5.18E-03	-3.97E-01	0.00E+00	0.00E+00	-3.52E+00	-1.18E-03	-7.21E-04	-9.25E-03	0.00E+00	2.05E-20	-4.03E-09	-1.36E-07	-5.05E-03	-2.93E+00	0.00E+00	0.00E+00	-3.85E+00	5.07E-20	-3.84E+00	0.00E+00	-1.73E-08	-4.56E-08	-3.23E-03	0.00E+00	-6.35E-01	0.00E+00	-3.84E+00	-3.65E-05	-3.84E+00	-4.47E+00	-6.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.63E+02
NFN320	-2.65E-02	-4.85E-01	-7.84E-03	-4.77E-01	0.00E+00	0.00E+00	-6.58E+00	-2.57E-03	-1.34E-03	-1.69E-02	0.00E+00	1.42E-20	-5.46E-09	-2.98E-07	-3.87E-02	-4.17E+00	0.00E+00	0.00E+00	-6.96E+00	4.85E-20	-4.76E+00	0.00E+00	-2.00E-08	-6.98E-08	-5.28E-03	0.00E+00	-1.10E+00	0.00E+00	-4.76E+00	-7.65E-05	-4.76E+00	-5.86E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-2.94E+02
NFN325	-2.45E-02	-7.04E-02	1.78E-03	-7.21E-02	0.00E+00	0.00E+00	-3.98E+00	-2.48E-03	-9.87E-04	-1.28E-02	0.00E+00	9.31E-20	-2.70E-09	-2.86E-07	-2.52E-02	-3.50E+00	0.00E+00	0.00E+00	-3.76E+00	3.09E-19	-1.04E-01	0.00E+00	6.74E-09	-4.17E-08	-3.66E-03	0.00E+00	-6.87E-01	0.00E+00	-1.04E-01	-7.14E-05	-1.04E-01	-7.91E-01	-6.87E-01	0.00E+00	0.00E+00	0.00E+00	-1.67E+02
NFN350	2.95E-03	-1.59E-01	6.58E-03	-1.66E-01	0.00E+00	0.00E+00	8.38E-01	-7.45E-05	2.87E-03	-1.36E-03	0.00E+00	4.50E-20	-2.05E-09	2.51E-08	4.65E-03	-1.40E+00	0.00E+00	0.00E+00	-3.08E-01	1.56E-19	-7.78E-01	0.00E+00	2.69E-09	-1.21E-08	-6.65E-04	0.00E+00	-1.82E-01	0.00E+00	-7.78E-01	-4.51E-06	-7.78E-01	-9.59E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-1.92E+01
NFN363	-4.72E-02	-3.18E-01	-5.71E-03	-3.13E-01	0.00E+00	0.00E+00	-1.00E+01	-4.72E-03	-2.04E-03	-2.61E-02	0.00E+00	6.48E-20	-5.94E-09	-5.49E-07	-3.31E-02	-5.51E+00	0.00E+00	0.00E+00	-8.99E+00	2.20E-19	-2.72E+00	0.00E+00	-8.24E-09	-8.72E-08	-7.45E-03	0.00E+00	-1.24E+00	0.00E+00	-2.72E+00	-1.37E-04	-2.72E+00	-3.96E+00	-1.24E+00	0.00E+00	0.00E+00	0.00E+00	-3.89E+02
NFN410	-9.42E-04	-3.03E-01	9.35E-04	-3.04E-01	0.00E+00	0.00E+00	-8.39E-02	-1.49E-04	6.54E-04	-3.15E-03	0.00E+00	4.83E-20	-2.92E-09	-4.61E-09	-4.04E-02	-1.79E+00	0.00E+00	0.00E+00	-1.93E+00	1.63E-19	-2.79E+00	0.00E+00	-5.46E-09	-2.73E-08	-1.52E-03	0.00E+00	-5.68E-01	0.00E+00	-2.79E+00	-7.15E-06	-2.79E+00	-3.36E+00	-5.68E-01	0.00E+00	0.00E+00	0.00E+00	-8.02E+01
NFN416	-2.01E-02	-5.28E-01	-7.11E-03	-5.21E-01	0.00E+00	0.00E+00	-5.06E+00	-1.91E-03	-1.09E-03	-1.40E-02	0.00E+00	2.23E-20	-5.54E-09	-2.21E-07	-4.74E-02	-3.42E+00	0.00E+00	0.00E+00	-6.38E+00	7.72E-20	-5.13E+00	0.00E+00	-1.96E-08	-6.52E-08	-4.66E-03	0.00E+00	-1.04E+00	0.00E+00	-5.13E+00	-5.83E-05	-5.13E+00	-6.17E+00	-1.04E+00	0.00E+00	0.00E+00	0.00E+00	-2.68E+02
NFN420	1.21E-03	-2.75E-01	4.87E-03	-2.80E-01	0.00E+00	0.00E+00	7.09E-01	-1.01E-04	1.90E-03	-2.51E-03	0.00E+00	5.49E-20	-2.56E-09	1.39E-08	-3.77E-02	-1.61E+00	0.00E+00	0.00E+00	-1.12E+00	1.86E-19	-1.99E+00	0.00E+00	-3.94E-10	-2.19E-08	-1.21E-03	0.00E+00	-4.65E-01	0.00E+00	-1.99E+00	-5.35E-06	-1.99E+00	-2.45E+00	-4.65E-01	0.00E+00	0.00E+00	0.00E+00	-4.80E+01
NFN425	1.52E-03	-2.33E-01	5.45E-03	-2.38E-01	0.00E+00	0.00E+00	7.10E-01	-1.01E-04	1.93E-03	-2.12E-03	0.00E+00	6.79E-20	-2.54E-09	1.43E-08	4.89E-03	-2.14E+00	0.00E+00	0.00E+00	-4.27E-01	2.14E-19	-1.38E+00	0.00E+00	-1.15E-10	-1.88E-08	-1.09E-03	0.00E+00	-2.87E-01	0.00E+00	-1.38E+00	-5.39E-06	-1.38E+00	-1.67E+00	-2.87E-01	0.00E+00	0.00E+00	0.00E+00	-2.38E+01
NFN432	-4.36E-02	-1.37E-01	7.20E-05	-1.37E-01	0.00E+00	0.00E+00	-8.22E+00	-4.43E-03	-1.79E-03	-2.31E-02	0.00E+00	1.28E-19	-4.99E-09	-5.13E-07	6.90E-03	-4.51E+00	0.00E+00	0.00E+00	-6.52E+00	4.10E-19	-4.14E-01	0.00E+00	4.31E-09	-7.25E-08	-6.57E-03	0.00E+00	-7.24E-01	0.00E+00	-4.14E-01	-1.27E-04	-4.14E-01	-1.14E+00	-7.24E-01	0.00E+00	0.00E+00	0.00E+00	-2.92E+02
NFN450	3.84E-03	-2.17E-01	9.62E-03	-2.27E-01	0.00E+00	0.00E+00	1.30E+00	-9.81E-05	3.82E-03	-1.87E-03	0.00E+00	5.89E-20	-2.35E-09	3.38E-08	-3.53E-02	-1.06E+00	0.00E+00	0.00E+00	-3.99E-01	2.10E-19	-1.26E+00	0.00E+00	5.30E-09	-1.68E-08	-8.92E-04	0.00E+00	-3.14E-01	0.00E+00	-1.26E+00	-5.29E-06	-1.26E+00	-1.57E+00	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-2.00E+01
NFN463	7.23E-03	7.25E-01	2.25E-02	7.03E-01	0.00E+00	0.00E+00	4.57E+00	7.19E-06	4.56E-03	6.52E-03	0.00E+00	2.10E-19	3.65E-10	4.91E-08	2.78E-02	6.36E-01	0.00E+00	0.00E+00	3.13E+00	7.45E-19	5.84E+00	0.00E+00	4.90E-08	2.46E-08	1.89E-03	0.00E+00	4.91E-01	0.00E+00	5.84E+00	-3.32E-08	5.84E+00	6.33E+00	4.91E-01	0.00E+00	0.00E+00	0.00E+00	1.09E+02
NFN716	6.58E-04	4.62E-02	5.01E-03	4.12E-02	0.00E+00	0.00E+00	1.34E+00	-2.80E-05	6.12E-04	4.25E-04	0.00E+00	5.75E-20	-2.01E-10	5.09E-09	-1.34E-02	-5.50E-01	0.00E+00	0.00E+00	3.08E-01	2.00E-19	9.65E-01	0.00E+00	1.10E-08	5.59E-10	7.65E-05	0.00E+00	-1.06E-01	0.00E+00	9.65E-01	-1.21E-06	9.65E-01	8.58E-01	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	8.49E+00
NFT306	-1.26E-02	-7.73E-02	9.37E-04	-4.11E-02	0.00E+00	0.00E+00	-2.16E+00	-6.94E-04	-1.82E-04	-7.11E-03	0.00E+00	4.60E-20	-1.88E-09	-1.59E-07	-1.49E-02	-1.96E+00	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	-6.51E-01	0.00E+00	7.88E-11	-2.35E-08	-1.55E-03	0.00E+00	-4.46E-01	0.00E+00	-6.51E-01	-3.55E-05	-6.51E-01	-1.08E+00	-4.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NFT310	-1.28E-02	-1.07E-01	7.53E-04	-1.06E-01	0.00E+00	0.00E+00	-2.38E+00	-6.80E-04	-1.84E-04	-7.25E-03	0.00E+00	4.60E-20	-2.35E-09	-1.68E-07	-1.48E-02	-2.08E+00	0.00E+00	0.00E+00	-2.75E+00	1.53E-19	-7.87E-01	0.00E+00	-1.49E-09	-2.71E-08	-1.66E-03	0.00E+00	-5.09E-01	0.00E+00	-7.87E-01	-3.85E-05	-7.87E-01	-1.30E+00	-5.09E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
NFT316	-2.71E-02	-4.34E-01	-6.90E-03	-4.28E-01	0.00E+00	0.00E+00	-4.69E+00	-1.67E-03	-9.56E-04	-1.20E-02	0.00E+00	0.00E+00	-4.20E-09	-1.94E-07	-3.87E-02	-3.80E+00	0.00E+00	0.00E+00	-5.31E+00	0.00E+00	-4.31E+00	0.00E+00	-1.87E-08	-5.34E-08	-3.85E-03	0.00E+00	-9.98E-01	0.00E+00	-4.31E+00	-5.05E-05	-4.31E+00	-5.31E+00	-9.98E-01	0.00E+00	0.00E+00	0.00E+00	-2.21E+02
NFT320	-3.51E-02	-4.74E-01	-8.04E-03	-4.66E-01	0.00E+00	0.00E+00	-5.96E+00	-2.19E-03	-1.18E-03	-1.49E-02	0.00E+00	0.00E+00	-4.87E-09	-2.55E-07	-3.98E-02	-4.25E+00	0.00E+00	0.00E+00	-6.34E+00	0.00E+00	-4.74E+00	0.00E+00	-2.10E-08	-6.32E-08	-4.68E-03	0.00E+00	-1.10E+00	0.00E+00	-4.74E+00	-6.55E-05	-4.74E+00	-5.85E+00	-1.10E+00	0.00E+00	0.00E+00	0.00E+00	-2.65E+02
NFT325	-1.49E-02	-9.54E-02	4.44E-04	-1.12E-01	0.00E+00	0.00E+00	-2.38E+00	-1.85E-03	-5.52E-04	-7.50E-03	0.00E+00	4.60E-20	-2.91E-09	-2.09E-07	-1.39E-02	-2.16E+00	0.00E+00	0.00E+00	-3.00E+00	1.53E-19	-5.89E-01	0.00E+00	4.41E-10	-3.59E-08	-2.15E-03	0.00E+00	-4.54E-01	0.00E+00	-5.89E-01	-4.99E-05	-5.89E-01	-1.25E+00	-4.54E-01	0.00E+00	0.00E+00	0.00E+00	-1.30E+02
NFT332	-1.62E-02	-6.52E-02	6.99E-04	-6.24E-02	0.00E+00	0.00E+00	-2.16E+00	-2.54E-03	-7.55E-04	-6.89E-03	0.00E+00	4.60E-20	-3.16E-09	-2.34E-07	-1.33E-02	-1.77E+00	0.00E+00	0.00E+00	-2.87E+00	1.53E-19	-6.55E-02	0.00E+00	6.38E-09	-4.37E-08	-2.33E-03	0.00E+00	-3.74E-01	0.00E+00	-6.55E-02	-5.97E-05	-6.55E-02	-5.31E-01	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+02
NFT340	-1.37E-02	7.61E-03	2.94E-03	2.39E-02	0.00E+00	0.00E+00	-1.92E+00	-2.29E-03	-4.30E-04	-5.99E-03	0.00E+00	4.60E-20	-2.89E-09	-2.29E-07	-1.28E-02	-1.82E+00	0.00E+00	0.00E+00	-2.41E+00	1.53E-19	1.38E-01	0.00E+00	9.18E-09	-4.05E-08	-1.87E-03	0.00E+00	-3.39E-01	0.00E+00	1.38E-01	-6.06E-05	1.38E-01	-2.99E-01	-3.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NFT702	-4.60E-03	-1.53E-01	-2.33E-03	-1.51E-01	0.00E+00	0.00E+00	-1.30E+00	-4.29E-04	-2.73E-04	-3.39E-03	0.00E+00	0.00E+00	-1.44E-09	-4.98E-08	-7.72E-03	-1.51E+00	0.00E+00	0.00E+00	-1.63E+00	0.00E+00	-1.46E+00	0.00E+00	-6.51E-09	-1.66E-08	-1.15E-03	0.00E+00	-3.43E-01	0.00E+00	-1.46E+00	-1.34E-05	-1.46E+00	-1.80E+00	-3.43E-01	0.00E+00	0.00E+00	0.00E+00	-6.85E+01
NFT703	-2.41E-03	1.97E-02	8.14E-04	2.04E-02	0.00E+00	0.00E+00	-3.67E-01	-2.90E-04	1.11E-04	-1.25E-03	0.00E+00	4.60E-20	-7.08E-10	-2.11E-08	-1.63E-04	-6.99E-01	0.00E+00	0.00E+00	-5.48E-01	1.53E-19	-7.93E-02	0.00E+00	1.98E-09	-6.97E-09	-4.11E-04	0.00E+00	-1.03E-01	0.00E+00	-7.93E-02	-8.42E-06	-7.93E-02	-2.37E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.57E+01
NFT704	-5.32E-03	-1.58E-01	-2.49E-03	-1.56E-01	0.00E+00	0.00E+00	-1.48E+00	-5.00E-04	-3.05E-04	-3.80E-03	0.00E+00	0.00E+00	-1.53E-09	-5.81E-08	-7.87E-03	-1.57E+00	0.00E+00	0.00E+00	-1.78E+00	0.00E+00	-1.52E+00	0.00E+00	-6.83E-09	-1.80E-08	-1.26E-03	0.00E+00	-3.58E-01	0.00E+00	-1.52E+00	-1.55E-05	-1.52E+00	-1.88E+00	-3.58E-01	0.00E+00	0.00E+00	0.00E+00	-7.47E+01
NFT706	-3.85E-03	-1.38E-01	-1.97E-03	-1.36E-01	0.00E+00	0.00E+00	-1.11E+00	-3.58E-04	-2.36E-04	-2.93E-03	0.00E+00	0.00E+00	-1.28E-09	-4.14E-08	-7.43E-03	-1.11E+00	0.00E+00	0.00E+00	-1.38E+00	0.00E+00	-1.34E+00	0.00E+00	-5.93E-09	-1.48E-08	-1.01E-03	0.00E+00	-2.69E-01	0.00E+00	-1.34E+00	-1.12E-05	-1.34E+00	-1.61E+00	-2.69E-01	0.00E+00	0.00E+00	0.00E+00	-5.77E+01
NFT710	-6.81E-03	-1.41E-01	-2.08E-03	-1.39E-01	0.00E+00	0.00E+00	-1.25E+00	-4.16E-04	-2.62E-04	-3.26E-03	0.00E+00	0.00E+00	-1.35E-09	-4.82E-08	-7.55E-03	-1.08E+00	0.00E+00	0.00E+00	-1.49E+00	0.00E+00	-1.39E+00	0.00E+00	-6.18E-09	-1.58E-08	-1.11E-03	0.00E+00	-2.69E-01	0.00E+00	-1.39E+00	-1.29E-05	-1.39E+00	-1.66E+00	-2.69E-01	0.00E+00	0.00E+00	0.00E+00	-6.23E+01
NFT716	-8.20E-03	-1.48E-01	-2.27E-03	-1.46E-01	0.00E+00	0.00E+00	-1.47E+00	-5.06E-04	-3.01E-04	-3.77E-03	0.00E+00	0.00E+00	-1.46E-09	-5.87E-08	-7.73E-03	-1.16E+00	0.00E+00	0.00E+00	-1.66E+00	0.00E+00	-1.46E+00	0.00E+00	-6.56E-09	-1.75E-08	-1.25E-03	0.00E+00	-2.87E-01	0.00E+00	-1.46E+00	-1.55E-05	-1.46E+00	-1.75E+00	-2.87E-01	0.00E+00	0.00E+00	0.00E+00	-6.97E+01
NFT720	-1.16E-02	-1.83E-01	-3.51E-03	-1.79E-01	0.00E+00	0.00E+00	-2.98E+00	-1.13E-03	-5.69E-04	-7.20E-03	0.00E+00	0.00E+00	-2.14E-09	-1.32E-07	-8.89E-03	-1.76E+00	0.00E+00	0.00E+00	-2.82E+00	0.00E+00	-1.84E+00	0.00E+00	-8.70E-09	-2.83E-08	-2.20E-03	0.00E+00	-4.16E-01	0.00E+00	-1.84E+00	-3.37E-05	-1.84E+00	-2.26E+00	-4.16E-01	0.00E+00	0.00E+00	0.00E+00	-1.20E+02
NFT725	-1.79E-02	-1.82E-01	-3.49E-03	-1.78E-01	0.00E+00	0.00E+00	-2.98E+00	-1.13E-03	-5.69E-04	-7.20E-03	0.00E+00	0.00E+00	-2.14E-09	-1.32E-07	-8.88E-03	-1.69E+00	0.00E+00	0.00E+00	-2.82E+00	0.00E+00	-1.84E+00	0.00E+00	-8.69E-09	-2.82E-08	-2.20E-03	0.00E+00	-4.05E-01	0.00E+00	-1.84E+00	-3.37E-05	-1.84E+00	-2.25E+00	-4.05E-01	0.00E+00	0.00E+00	0.00E+00	-1.19E+02
NFT732	-1.94E-02	-1.88E-01	-3.66E-03	-1.84E-01	0.00E+00	0.00E+00	-3.22E+00	-1.23E-03	-6.11E-04	-7.73E-03	0.00E+00	0.00E+00	-2.25E-09	-1.43E-07	-9.06E-03	-1.77E+00	0.00E+00	0.00E+00	-2.98E+00	0.00E+00	-1.91E+00	0.00E+00	-9.07E-09	-3.00E-08	-2.35E-03	0.00E+00	-4.22E-01	0.00E+00	-1.91E+00	-3.64E-05	-1.91E+00	-2.33E+00	-4.22E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
NFT740	-1.26E-02	-1.90E-01	-3.74E-03	-1.87E-01	0.00E+00	0.00E+00	-3.22E+00	-1.23E-03	-6.13E-04	-7.75E-03	0.00E+00	0.00E+00	-2.27E-09	-1.43E-07	-9.11E-03	-1.85E+00	0.00E+00	0.00E+00	-3.03E+00	0.00E+00	-1.93E+00	0.00E+00	-9.14E-09	-3.01E-08	-2.36E-03	0.00E+00	-4.37E-01	0.00E+00	-1.93E+00	-3.65E-05	-1.93E+00	-2.37E+00	-4.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.28E+02
NFT806	-1.29E-02	-4.54E-02	4.19E-04	4.54E-02	0.00E+00	0.00E+00	-2.86E+00	-8.24E-04	3.03E-05	-5.83E-03	0.00E+00	4.60E-20	-2.36E-09	-1.63E-07	-2.46E-02	-1.55E+00	0.00E+00	0.00E+00	-3.05E+00	1.53E-19	-4.20E-01	0.00E+00	2.77E-09	-3.36E-08	-1.76E-03	0.00E+00	-4.35E-01	0.00E+00	-4.20E-01	-3.76E-05	-4.20E-01	-8.36E-01	-4.35E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NFT810	-2.21E-02	-4.25E-01	-6.37E-03	-4.18E-01	0.00E+00	0.00E+00	-3.94E+00	-1.35E-03	-8.24E-04	-1.03E-02	0.00E+00	0.00E+00	-3.93E-09	-1.57E-07	-3.69E-02	-3.57E+00	0.00E+00	0.00E+00	-4.75E+00	0.00E+00	-4.18E+00	0.00E+00	-1.80E-08	-4.85E-08	-3.40E-03	0.00E+00	-9.40E-01	0.00E+00	-4.18E+00	-4.14E-05	-4.18E+00	-5.12E+00	-9.40E-01	0.00E+00	0.00E+00	0.00E+00	-1.98E+02
NFT816	-2.63E-02	-4.44E-01	-6.93E-03	-4.37E-01	0.00E+00	0.00E+00	-4.60E+00	-1.62E-03	-9.43E-04	-1.18E-02	0.00E+00	0.00E+00	-4.27E-09	-1.88E-07	-3.75E-02	-3.80E+00	0.00E+00	0.00E+00	-5.27E+00	0.00E+00	-4.40E+00	0.00E+00	-1.91E-08	-5.35E-08	-3.83E-03	0.00E+00	-9.93E-01	0.00E+00	-4.40E+00	-4.92E-05	-4.40E+00	-5.39E+00	-9.93E-01	0.00E+00	0.00E+00	0.00E+00	-2.20E+02
NFT820	-4.14E-02	-5.03E-01	-8.88E-03	-4.95E-01	0.00E+00	0.00E+00	-6.95E+00	-2.59E-03	-1.36E-03	-1.72E-02	0.00E+00	0.00E+00	-5.38E-09	-3.02E-07	-3.93E-02	-4.62E+00	0.00E+00	0.00E+00	-7.09E+00	0.00E+00	-5.06E+00	0.00E+00	-2.28E-08	-7.07E-08	-5.33E-03	0.00E+00	-1.18E+00	0.00E+00	-5.06E+00	-7.73E-05	-5.06E+00	-6.24E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.98E+02
NFT825	-4.14E-02	-5.04E-01	-8.92E-03	-4.95E-01	0.00E+00	0.00E+00	-6.96E+00	-2.59E-03	-1.36E-03	-1.72E-02	0.00E+00	0.00E+00	-5.39E-09	-3.02E-07	-3.94E-02	-4.62E+00	0.00E+00	0.00E+00	-7.11E+00	0.00E+00	-5.07E+00	0.00E+00	-2.28E-08	-7.07E-08	-5.34E-03	0.00E+00	-1.18E+00	0.00E+00	-5.07E+00	-7.73E-05	-5.07E+00	-6.25E+00	-1.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.98E+02
NFT832	1.11E-03	1.13E-01	5.95E-03	1.07E-01	0.00E+00	0.00E+00	4.18E-01	-1.71E-04	2.02E-03	2.07E-04	0.00E+00	7.49E-20	-1.73E-09	3.51E-09	-2.48E-02	-1.19E+00	0.00E+00	0.00E+00	-6.87E-01	2.74E-19	-6.14E-01	0.00E+00	7.98E-09	-1.17E-08	-3.68E-04	0.00E+00	-3.14E-01	0.00E+00	-6.14E-01	-7.24E-06	-6.14E-01	-9.27E-01	-3.14E-01	0.00E+00	0.00E+00	0.00E+00	-3.13E+01
NFT840	-5.67E-02	-5.56E-01	-1.08E-02	-5.45E-01	0.00E+00	0.00E+00	-9.33E+00	-3.58E-03	-1.78E-03	-2.26E-02	0.00E+00	0.00E+00	-6.44E-09	-4.17E-07	-4.11E-02	-5.45E+00	0.00E+00	0.00E+00	-8.90E+00	0.00E+00	-5.66E+00	0.00E+00	-2.61E-08	-8.75E-08	-6.83E-03	0.00E+00	-1.36E+00	0.00E+00	-5.66E+00	-1.06E-04	-5.66E+00	-7.02E+00	-1.36E+00	0.00E+00	0.00E+00	0.00E+00	-3.75E+02
NGN150	-3.03E-03	5.35E-02	2.36E-03	3.42E-02	0.00E+00	0.00E+00	-2.85E-02	-2.85E-04	2.52E-04	-7.58E-04	0.00E+00	4.60E-20	-4.62E-10	-3.31E-08	1.14E-04	-4.49E-01	0.00E+00	0.00E+00	-1.72E-01	1.53E-19	3.33E-01	0.00E+00	4.78E-09	-7.28E-09	-3.43E-04	0.00E+00	-1.94E-02	0.00E+00	3.33E-01	-7.71E-06	3.33E-01	2.64E-01	-1.94E-02	0.00E+00	0.00E+00	0.00E+00	-1.12E+01
NGN163	-3.20E-03	4.85E-02	2.31E-03	2.64E-02	0.00E+00	0.00E+00	-1.17E-01	-3.02E-04	2.88E-04	-8.53E-04	0.00E+00	4.60E-20	-4.50E-10	-3.80E-08	-1.03E-04	-4.57E-01	0.00E+00	0.00E+00	-3.18E-01	1.53E-19	3.11E-01	0.00E+00	4.79E-09	-7.52E-09	-4.29E-04	0.00E+00	-4.84E-02	0.00E+00	3.11E-01	-1.11E-05	3.11E-01	2.33E-01	-4.84E-02	0.00E+00	0.00E+00	0.00E+00	-1.81E+01
NGT306	-1.26E-02	-7.76E-02	8.70E-04	-4.88E-02	0.00E+00	0.00E+00	-2.16E+00	-6.94E-04	-1.78E-04	-7.13E-03	0.00E+00	4.60E-20	-1.88E-09	-1.60E-07	-1.48E-02	-1.97E+00	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	-6.51E-01	0.00E+00	-2.01E-10	-2.34E-08	-1.55E-03	0.00E+00	-4.46E-01	0.00E+00	-6.51E-01	-3.56E-05	-6.51E-01	-1.08E+00	-4.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+02
NGT310	-1.28E-02	-1.07E-01	9.09E-04	-9.35E-02	0.00E+00	0.00E+00	-2.30E+00	-6.92E-04	-1.80E-04	-7.19E-03	0.00E+00	4.60E-20	-2.10E-09	-1.66E-07	-1.47E-02	-2.04E+00	0.00E+00	0.00E+00	-2.60E+00	1.53E-19	-7.69E-01	0.00E+00	-1.29E-09	-2.50E-08	-1.64E-03	0.00E+00	-4.58E-01	0.00E+00	-7.69E-01	-3.82E-05	-7.69E-01	-1.31E+00	-4.58E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
NGT316	-1.28E-02	-1.22E-01	4.07E-04	-1.12E-01	0.00E+00	0.00E+00	-2.20E+00	-5.97E-04	-2.14E-04	-7.44E-03	0.00E+00	4.60E-20	-2.27E-09	-1.74E-07	-1.46E-02	-2.10E+00	0.00E+00	0.00E+00	-2.64E+00	1.53E-19	-7.48E-01	0.00E+00	-1.74E-09	-2.65E-08	-1.58E-03	0.00E+00	-4.65E-01	0.00E+00	-7.48E-01	-3.88E-05	-7.48E-01	-1.33E+00	-4.65E-01	0.00E+00	0.00E+00	0.00E+00	-1.12E+02
NGT320	-1.63E-02	-1.12E-01	4.50E-04	-9.54E-02	0.00E+00	0.00E+00	-2.65E+00	-1.35E-03	-4.06E-04	-8.52E-03	0.00E+00	4.60E-20	-3.03E-09	-1.93E-07	-1.44E-02	-2.27E+00	0.00E+00	0.00E+00	-3.04E+00	1.53E-19	-6.56E-01	0.00E+00	-4.26E-11	-3.21E-08	-2.07E-03	0.00E+00	-5.37E-01	0.00E+00	-6.56E-01	-4.68E-05	-6.56E-01	-1.26E+00	-5.37E-01	0.00E+00	0.00E+00	0.00E+00	-1.34E+02
NGT325	-1.47E-02	-9.54E-02	4.12E-04	-1.04E-01	0.00E+00	0.00E+00	-2.37E+00	-1.83E-03	-5.41E-04	-7.47E-03	0.00E+00	4.60E-20	-2.92E-09	-2.10E-07	-1.34E-02	-2.09E+00	0.00E+00	0.00E+00	-3.01E+00	1.53E-19	-5.88E-01	0.00E+00	4.79E-10	-3.60E-08	-2.18E-03	0.00E+00	-4.46E-01	0.00E+00	-5.88E-01	-5.04E-05	-5.88E-01	-1.25E+00	-4.46E-01	0.00E+00	0.00E+00	0.00E+00	-1.31E+02
NGT332	-1.62E-02	-6.52E-02	6.99E-04	-6.24E-02	0.00E+00	0.00E+00	-2.16E+00	-2.54E-03	-7.55E-04	-6.89E-03	0.00E+00	4.60E-20	-3.16E-09	-2.34E-07	-1.33E-02	-1.79E+00	0.00E+00	0.00E+00	-2.87E+00	1.53E-19	-6.55E-02	0.00E+00	6.38E-09	-4.40E-08	-2.33E-03	0.00E+00	-3.74E-01	0.00E+00	-6.55E-02	-5.97E-05	-6.55E-02	-5.31E-01	-3.74E-01	0.00E+00	0.00E+00	0.00E+00	-1.25E+02
NGT340	-1.38E-02	1.34E-02	2.94E-03	2.28E-02	0.00E+00	0.00E+00	-1.94E+00	-2.29E-03	-4.49E-04	-6.00E-03	0.00E+00	4.60E-20	-2.88E-09	-2.29E-07	-1.27E-02	-1.81E+00	0.00E+00	0.00E+00	-2.41E+00	1.53E-19	1.41E-01	0.00E+00	9.09E-09	-4.05E-08	-1.90E-03	0.00E+00	-3.39E-01	0.00E+00	1.41E-01	-6.12E-05	1.41E-01	-2.88E-01	-3.39E-01	0.00E+00	0.00E+00	0.00E+00	-1.04E+02
NGT702	-2.42E-03	2.00E-02	8.68E-04	2.19E-02	0.00E+00	0.00E+00	-3.44E-01	-2.92E-04	1.16E-04	-1.14E-03	0.00E+00	4.60E-20	-6.83E-10	-1.83E-08	-2.54E-04	-6.94E-01	0.00E+00	0.00E+00	-5.35E-01	1.53E-19	-6.04E-02	0.00E+00	2.56E-09	-6.59E-09	-4.16E-04	0.00E+00	-1.02E-01	0.00E+00	-6.04E-02	-8.42E-06	-6.04E-02	-2.04E-01	-1.02E-01	0.00E+00	0.00E+00	0.00E+00	-2.45E+01
NGT703	-2.37E-03	1.97E-02	8.14E-04	2.04E-02	0.00E+00	0.00E+00	-3.49E-01	-2.85E-04	1.15E-04	-1.17E-03	0.00E+00	4.60E-20	-7.01E-10	-1.89E-08	-1.16E-04	-6.82E-01	0.00E+00	0.00E+00	-5.38E-01	1.53E-19	-8.47E-02	0.00E+00	1.98E-09	-6.73E-09	-4.20E-04	0.00E+00	-1.03E-01	0.00E+00	-8.47E-02	-8.56E-06	-8.47E-02	-2.37E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.52E+01
NGT704	-2.47E-03	1.93E-02	8.01E-04	1.91E-02	0.00E+00	0.00E+00	-3.56E-01	-2.86E-04	1.15E-04	-1.22E-03	0.00E+00	4.60E-20	-7.08E-10	-2.11E-08	-5.66E-05	-6.87E-01	0.00E+00	0.00E+00	-5.42E-01	1.53E-19	-8.57E-02	0.00E+00	1.74E-09	-6.73E-09	-4.26E-04	0.00E+00	-1.03E-01	0.00E+00	-8.57E-02	-8.75E-06	-8.57E-02	-2.45E-01	-1.03E-01	0.00E+00	0.00E+00	0.00E+00	-2.47E+01
NGT706	-1.14E-03	1.84E-02	9.83E-04	2.13E-02	0.00E+00	0.00E+00	-3.13E-01	-4.10E-05	1.30E-04	-7.26E-04	0.00E+00	4.60E-20	-6.16E-10	-3.11E-09	-6.57E-04	-5.68E-01	0.00E+00	0.00E+00	-4.92E-01	1.53E-19	-5.86E-02	0.00E+00	2.55E-09	-4.52E-09	-2.48E-04	0.00E+00	-9.66E-02	0.00E+00	-5.86E-02	-2.36E-06	-5.86E-02	-2.04E-01	-9.66E-02	0.00E+00	0.00E+00	0.00E+00	-2.28E+01
NGT710	-1.02E-04	7.19E-03	1.84E-04	7.01E-03	0.00E+00	0.00E+00	-1.37E-01	-3.94E-05	2.26E-04	-1.46E-04	0.00E+00	1.83E-20	-8.59E-10	-1.42E-09	-4.93E-03	-6.35E-01	0.00E+00	0.00E+00	-6.08E-01	6.99E-20	-6.42E-01	0.00E+00	-2.99E-10	-6.54E-09	-2.57E-04	0.00E+00	-1.56E-01	0.00E+00	-6.42E-01	-2.03E-06	-6.42E-01	-7.98E-01	-1.56E-01	0.00E+00	0.00E+00	0.00E+00	-2.60E+01
NGT716	-4.79E-03	1.11E-02	-5.24E-04	1.16E-02	0.00E+00	0.00E+00	-1.18E+00	-4.90E-04	-1.78E-04	-2.39E-03	0.00E+00	2.58E-20	-1.21E-09	-5.63E-08	1.54E-04	-9.49E-01	0.00E+00	0.00E+00	-1.18E+00	9.06E-20	-6.66E-01	0.00E+00	-8.62E-10	-1.29E-08	-8.81E-04	0.00E+00	-1.82E-01	0.00E+00	-6.66E-01	-1.47E-05	-6.66E-01	-8.48E-01	-1.82E-01	0.00E+00	0.00E+00	0.00E+00	-5.14E+01
NGT720	-1.09E-02	2.45E-02	-6.12E-04	2.51E-02	0.00E+00	0.00E+00	-2.29E+00	-1.11E-03	-4.13E-04	-5.36E-03	0.00E+00	3.24E-20	-1.49E-09	-1.29E-07	-4.40E-03	-1.42E+00	0.00E+00	0.00E+00	-2.07E+00	1.16E-19	-4.21E-01	0.00E+00	8.43E-10	-1.99E-08	-1.61E-03	0.00E+00	-2.89E-01	0.00E+00	-4.21E-01	-3.24E-05	-4.21E-01	-7.09E-01	-2.89E-01	0.00E+00	0.00E+00	0.00E+00	-9.08E+01
NGT725	-1.09E-02	2.50E-02	-6.30E-04	2.57E-02	0.00E+00	0.00E+00	-2.29E+00	-1.11E-03	-4.13E-04	-5.36E-03	0.00E+00	3.26E-20	-1.51E-09	-1.29E-07	-4.38E-03	-1.37E+00	0.00E+00	0.00E+00	-2.09E+00	1.17E-19	-4.18E-01	0.00E+00	8.90E-10	-1.99E-08	-1.61E-03	0.00E+00	-2.83E-01	0.00E+00	-4.18E-01	-3.24E-05	-4.18E-01	-7.01E-01	-2.83E-01	0.00E+00	0.00E+00	0.00E+00	-9.15E+01
NGT732	-1.25E-02	-1.83E-01	-3.61E-03	-1.80E-01	0.00E+00	0.00E+00	-3.21E+00	-1.23E-03	-6.06E-04	-7.67E-03	0.00E+00	2.13E-21	-2.26E-09	-1.43E-07	-3.61E-03	-1.95E+00	0.00E+00	0.00E+00	-2.91E+00	5.38E-21	-1.82E+00	0.00E+00	-8.88E-09	-2.96E-08	-2.33E-03	0.00E+00	-4.18E-01	0.00E+00	-1.82E+00	-3.64E-05	-1.82E+00	-2.24E+00	-4.18E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
NGT740	7.61E-04	3.40E-02	3.72E-03	3.03E-02	0.00E+00	0.00E+00	7.34E-01	-3.79E-05	7.65E-04	2.44E-04	0.00E+00	2.90E-20	-1.08E-11	4.59E-09	-1.28E-03	-4.64E-01	0.00E+00	0.00E+00	4.75E-01	9.98E-20	6.85E-01	0.00E+00	6.34E-09	1.43E-09	8.40E-05	0.00E+00	-2.46E-02	0.00E+00	6.85E-01	-1.36E-06	6.85E-01	6.61E-01	-2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.70E+01
NGT806	-1.08E-02	-4.37E-02	4.15E-04	5.08E-02	0.00E+00	0.00E+00	-2.77E+00	-6.93E-04	7.14E-05	-5.83E-03	0.00E+00	4.60E-20	-2.02E-09	-1.56E-07	-2.46E-02	-1.54E+00	0.00E+00	0.00E+00	-2.81E+00	1.53E-19	-3.93E-01	0.00E+00	2.77E-09	-3.05E-08	-1.75E-03	0.00E+00	-4.29E-01	0.00E+00	-3.93E-01	-3.52E-05	-3.93E-01	-8.23E-01	-4.29E-01	0.00E+00	0.00E+00	0.00E+00	-1.24E+02
NGT810	1.89E-03	3.71E-01	9.17E-03	3.62E-01	0.00E+00	0.00E+00	2.07E+00	-5.94E-06	1.08E-03	3.23E-03	0.00E+00	1.17E-19	1.39E-10	1.15E-08	-1.70E-02	-6.12E-01	0.00E+00	0.00E+00	9.88E-01	4.14E-19	2.23E+00	0.00E+00	2.31E-08	6.96E-09	7.63E-04	0.00E+00	-7.85E-02	0.00E+00	2.23E+00	2.50E-08	2.23E+00	2.15E+00	-7.85E-02	0.00E+00	0.00E+00	0.00E+00	3.47E+01
NGT816	-1.40E-02	3.07E-01	4.34E-03	3.03E-01	0.00E+00	0.00E+00	-1.83E+00	-1.51E-03	-3.38E-04	-4.93E-03	0.00E+00	1.23E-19	-1.74E-09	-1.72E-07	1.07E-02	-1.58E+00	0.00E+00	0.00E+00	-1.84E+00	4.27E-19	1.54E+00	0.00E+00	1.70E-08	-1.83E-08	-1.55E-03	0.00E+00	-1.85E-01	0.00E+00	1.54E+00	-4.33E-05	1.54E+00	1.35E+00	-1.85E-01	0.00E+00	0.00E+00	0.00E+00	-8.96E+01

NGT820	-2.36E-02	2.19E-01	2.63E-03	2.16E-01	0.00E+00	0.00E+00	-4.12E+00	-2.46E-03	-7.56E-04	-1.04E-02	0.00E+00	1.19E-19	-2.67E-09	-2.83E-07	-2.22E-02	-2.21E+00	0.00E+00	0.00E+00	-3.73E+00	4.15E-19	4.55E-01	0.00E+00	1.30E-08	-3.71E-08	-3.11E-03	0.00E+00	-4.92E-01	0.00E+00	4.55E-01	-7.02E-05	4.55E-01	-3.75E-02	-4.92E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+02
NGT825	-2.49E-02	-1.11E-01	1.47E-04	-1.12E-01	0.00E+00	0.00E+00	-4.49E+00	-2.51E-03	-1.03E-03	-1.33E-02	0.00E+00	7.36E-20	-2.81E-09	-2.90E-07	-2.64E-02	-3.66E+00	0.00E+00	0.00E+00	-4.10E+00	2.44E-19	-6.18E-01	0.00E+00	2.77E-09	-4.38E-08	-3.79E-03	0.00E+00	-7.45E-01	0.00E+00	-6.18E-01	-7.24E-05	-6.18E-01	-1.36E+00	-7.45E-01	0.00E+00	0.00E+00	0.00E+00	-1.80E+02
NGT832	-3.35E-02	-4.06E-01	-7.60E-03	-3.98E-01	0.00E+00	0.00E+00	-8.27E+00	-3.32E-03	-1.57E-03	-2.00E-02	0.00E+00	2.96E-20	-5.61E-09	-3.86E-07	-6.47E-03	-4.07E+00	0.00E+00	0.00E+00	-7.09E+00	8.40E-20	-4.03E+00	0.00E+00	-1.87E-08	-7.47E-08	-6.05E-03	0.00E+00	-8.77E-01	0.00E+00	-4.03E+00	-9.77E-05	-4.03E+00	-4.90E+00	-8.77E-01	0.00E+00	0.00E+00	0.00E+00	-3.04E+02
NGT840	2.62E-03	3.85E-01	1.18E-02	3.73E-01	0.00E+00	0.00E+00	2.22E+00	-1.09E-04	2.41E-03	2.90E-03	0.00E+00	1.17E-19	-1.39E-10	1.33E-08	-1.57E-02	-3.32E-01	0.00E+00	0.00E+00	9.15E-01	4.28E-19	2.49E+00	0.00E+00	2.61E-08	7.14E-09	7.47E-04	0.00E+00	-2.73E-02	0.00E+00	2.49E+00	-4.19E-06	2.49E+00	2.46E+00	-2.73E-02	0.00E+00	0.00E+00	0.00E+00	2.93E+01
NKN110	-4.15E-03	-1.35E-01	-1.75E-03	-1.33E-01	0.00E+00	0.00E+00	-1.18E+00	-3.94E-04	-2.41E-04	-3.09E-03	0.00E+00	5.31E-21	-1.34E-09	-4.53E-08	-1.87E-03	-1.02E+00	0.00E+00	0.00E+00	-1.29E+00	1.32E-20	-1.30E+00	0.00E+00	-5.88E-09	-1.53E-08	-1.08E-03	0.00E+00	-2.18E-01	0.00E+00	-1.30E+00	-1.22E-05	-1.30E+00	-1.51E+00	-2.18E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
NKN125	4.08E-04	-4.50E-02	1.47E-03	-4.65E-02	0.00E+00	0.00E+00	1.88E-01	-2.53E-05	4.92E-04	-4.34E-04	0.00E+00	1.78E-20	-6.33E-10	3.61E-09	1.29E-03	-3.87E-01	0.00E+00	0.00E+00	-9.32E-02	5.87E-20	-2.92E-01	0.00E+00	4.95E-10	-4.39E-09	-2.50E-04	0.00E+00	-4.79E-02	0.00E+00	-2.92E-01	-1.33E-06	-2.92E-01	-3.40E-01	-4.79E-02	0.00E+00	0.00E+00	0.00E+00	-5.51E+00
NKN150	-2.56E-03	5.38E-02	2.41E-03	3.67E-02	0.00E+00	0.00E+00	-1.35E-02	-2.80E-04	2.59E-04	-7.67E-04	0.00E+00	4.60E-20	-4.58E-10	-2.95E-08	2.71E-05	-4.11E-01	0.00E+00	0.00E+00	-1.59E-01	1.53E-19	3.29E-01	0.00E+00	4.86E-09	-7.10E-09	-3.21E-04	0.00E+00	-2.26E-02	0.00E+00	3.29E-01	-7.81E-06	3.29E-01	2.74E-01	-2.26E-02	0.00E+00	0.00E+00	0.00E+00	-1.16E+01
NKN163	-1.04E-03	1.30E-02	2.41E-03	2.65E-02	0.00E+00	0.00E+00	2.56E-01	-2.33E-04	5.34E-04	-3.86E-04	0.00E+00	4.60E-20	-4.13E-10	-5.95E-09	-4.42E-04	-2.56E-01	0.00E+00	0.00E+00	2.24E-02	1.53E-19	1.25E-01	0.00E+00	4.27E-09	-3.06E-09	-1.07E-04	0.00E+00	-8.19E-03	0.00E+00	1.25E-01	-5.44E-06	1.25E-01	1.74E-01	-8.19E-03	0.00E+00	0.00E+00	0.00E+00	-1.03E+00
NKN210	-8.08E-03	-1.03E-01	-2.51E-03	-1.00E-01	0.00E+00	0.00E+00	-2.25E+00	-7.88E-04	-3.77E-04	-4.91E-03	0.00E+00	3.31E-20	-2.67E-09	-9.04E-08	-2.28E-02	-1.38E+00	0.00E+00	0.00E+00	-2.82E+00	1.19E-19	-2.38E+00	0.00E+00	-6.55E-09	-2.93E-08	-1.88E-03	0.00E+00	-4.52E-01	0.00E+00	-2.38E+00	-2.43E-05	-2.38E+00	-2.83E+00	-4.52E-01	0.00E+00	0.00E+00	0.00E+00	-1.18E+02
NKN216	-1.17E-04	-3.00E-03	6.36E-04	-3.64E-03	0.00E+00	0.00E+00	-2.73E-01	-8.58E-05	5.28E-04	-5.30E-04	0.00E+00	4.29E-20	-1.90E-09	-2.35E-09	1.48E-03	-2.25E-01	0.00E+00	0.00E+00	-1.10E+00	1.53E-19	-1.20E+00	0.00E+00	-5.82E-10	-1.31E-08	-6.01E-04	0.00E+00	-9.78E-02	0.00E+00	-1.20E+00	-4.42E-06	-1.20E+00	-1.30E+00	-9.78E-02	0.00E+00	0.00E+00	0.00E+00	-4.88E+01
NKN416	-2.64E-04	-4.59E-02	2.13E-03	-4.80E-02	0.00E+00	0.00E+00	1.57E-02	-1.49E-04	1.05E-03	-1.12E-03	0.00E+00	7.64E-20	-3.20E-09	-2.35E-09	-3.80E-02	-1.84E+00	0.00E+00	0.00E+00	-2.30E+00	2.84E-19	-2.36E+00	0.00E+00	7.37E-10	-2.52E-08	-1.07E-03	0.00E+00	-5.98E-01	0.00E+00	-2.36E+00	-7.69E-06	-2.36E+00	-2.96E+00	-5.98E-01	0.00E+00	0.00E+00	0.00E+00	-9.79E+01
NKN432	1.92E-03	-3.08E-01	5.33E-03	-3.13E-01	0.00E+00	0.00E+00	5.32E-01	-1.14E-04	2.58E-03	-2.83E-03	0.00E+00	4.65E-20	-2.87E-09	1.96E-08	-3.87E-02	-1.40E+00	0.00E+00	0.00E+00	-1.28E+00	1.62E-19	-2.39E+00	0.00E+00	-1.99E-09	-2.41E-08	-1.33E-03	0.00E+00	-4.50E-01	0.00E+00	-2.39E+00	-6.09E-06	-2.39E+00	-2.84E+00	-4.50E-01	0.00E+00	0.00E+00	0.00E+00	-5.44E+01
NKN440	3.69E-03	-2.14E-01	8.16E-03	-2.23E-01	0.00E+00	0.00E+00	1.02E+00	-9.96E-05	3.65E-03	-1.87E-03	0.00E+00	5.85E-20	-2.78E-09	3.15E-08	5.85E-03	-1.60E+00	0.00E+00	0.00E+00	-5.41E-01	2.03E-19	-1.12E+00	0.00E+00	3.05E-09	-1.66E-08	-9.17E-04	0.00E+00	-2.16E-01	0.00E+00	-1.12E+00	-6.07E-06	-1.12E+00	-1.34E+00	-2.16E-01	0.00E+00	0.00E+00	0.00E+00	-3.08E+01
NKN463	4.16E-03	-1.86E-01	1.04E-02	-1.96E-01	0.00E+00	0.00E+00	1.35E+00	-9.82E-05	3.87E-03	-1.52E-03	0.00E+00	7.60E-20	-2.28E-09	3.45E-08	7.20E-03	-2.16E+00	0.00E+00	0.00E+00	3.89E-01	2.44E-19	-6.76E-01	0.00E+00	5.18E-09	-1.40E-08	-7.92E-04	0.00E+00	-2.11E-01	0.00E+00	-6.76E-01	-5.33E-06	-6.76E-01	-8.87E-01	-2.11E-01	0.00E+00	0.00E+00	0.00E+00	8.44E+00
NQN110	-1.20E-03	1.38E-02	1.89E-03	2.43E-02	0.00E+00	0.00E+00	5.51E-02	-1.80E-04	4.26E-04	-4.33E-04	0.00E+00	4.60E-20	-8.47E-10	-1.05E-08	-3.06E-04	-5.76E-01	0.00E+00	0.00E+00	-2.67E-01	1.53E-19	5.07E-02	0.00E+00	4.48E-09	-5.89E-09	-2.33E-04	0.00E+00	-1.24E-01	0.00E+00	5.07E-02	-4.10E-06	5.07E-02	3.76E-02	-1.24E-01	0.00E+00	0.00E+00	0.00E+00	-1.09E+01
NQN116	-1.72E-03	7.57E-03	1.90E-03	2.26E-02	0.00E+00	0.00E+00	6.74E-02	-2.28E-04	4.23E-04	-5.31E-04	0.00E+00	4.60E-20	-8.41E-10	-1.05E-08	7.98E-05	-5.45E-01	0.00E+00	0.00E+00	-2.47E-01	1.53E-19	7.09E-02	0.00E+00	4.06E-09	-5.88E-09	-2.72E-04	0.00E+00	-1.21E-01	0.00E+00	7.09E-02	-4.77E-06	7.09E-02	3.42E-02	-1.21E-01	0.00E+00	0.00E+00	0.00E+00	-1.13E+01
NQN210	-6.57E-03	1.51E-02	3.24E-03	1.92E-02	0.00E+00	0.00E+00	1.39E-02	-2.69E-04	4.62E-04	-1.87E-03	0.00E+00	4.60E-20	-1.26E-09	-3.98E-08	-4.51E-04	-1.29E+00	0.00E+00	0.00E+00	-6.05E-01	1.53E-19	4.14E-02	0.00E+00	3.23E-09	-1.07E-08	-7.82E-04	0.00E+00	-1.90E-01	0.00E+00	4.14E-02	-1.14E-05	4.14E-02	-3.60E-02	-1.90E-01	0.00E+00	0.00E+00	0.00E+00	-3.05E+01
NQN306	-8.92E-03	-3.17E-02	2.00E-03	-2.51E-02	0.00E+00	0.00E+00	-1.37E+00	-4.37E-04	2.96E-04	-6.45E-03	0.00E+00	4.60E-20	-1.97E-09	-1.18E-07	-2.79E-03	-1.82E+00	0.00E+00	0.00E+00	-2.40E+00	1.53E-19	-3.14E-01	0.00E+00	2.98E-09	-2.39E-08	-1.44E-03	0.00E+00	-4.33E-01	0.00E+00	-3.14E-01	-2.79E-05	-3.14E-01	-5.84E-01	-4.33E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+02
NQN320	-8.82E-03	-8.63E-02	1.24E-03	-9.40E-02	0.00E+00	0.00E+00	-1.78E+00	-6.98E-04	2.80E-04	-5.86E-03	0.00E+00	4.60E-20	-3.14E-09	-1.26E-07	-3.42E-03	-2.09E+00	0.00E+00	0.00E+00	-2.89E+00	1.53E-19	-4.70E-01	0.00E+00	3.44E-09	-3.04E-08	-1.61E-03	0.00E+00	-5.11E-01	0.00E+00	-4.70E-01	-3.21E-05	-4.70E-01	-9.95E-01	-5.11E-01	0.00E+00	0.00E+00	0.00E+00	-1.26E+02
NRN116	-1.07E-03	1.35E-02	1.92E-03	2.32E-02	0.00E+00	0.00E+00	7.59E-02	-1.47E-04	4.27E-04	-4.25E-04	0.00E+00	4.60E-20	-8.56E-10	-9.71E-09	-1.62E-04	-5.38E-01	0.00E+00	0.00E+00	-2.56E-01	1.53E-19	3.65E-02	0.00E+00	4.32E-09	-5.68E-09	-2.37E-04	0.00E+00	-1.26E-01	0.00E+00	3.65E-02	-3.88E-06	3.65E-02	3.07E-02	-1.26E-01	0.00E+00	0.00E+00	0.00E+00	-1.07E+01
NRN325	-6.00E-03	-6.25E-02	1.11E-03	-8.15E-02	0.00E+00	0.00E+00	-1.42E+00	-1.08E-03	3.44E-04	-5.32E-03	0.00E+00	4.60E-20	-3.35E-09	-1.34E-07	-2.89E-03	-2.14E+00	0.00E+00	0.00E+00	-2.82E+00	1.53E-19	-2.77E-01	0.00E+00	3.87E-09	-3.34E-08	-1.68E-03	0.00E+00	-4.93E-01	0.00E+00	-2.77E-01	-2.61E-05	-2.77E-01	-7.17E-01	-4.93E-01	0.00E+00	0.00E+00	0.00E+00	-1.27E+02
NRN363	-1.38E-02	-1.04E-01	2.95E-03	-1.15E-01	0.00E+00	0.00E+00	-2.03E+00	-2.79E-03	1.78E-05	-8.95E-03	0.00E+00	4.60E-20	-3.31E-09	-2.20E-07	-2.27E-03	-2.99E+00	0.00E+00	0.00E+00	-3.09E+00	1.53E-19	-4.85E-01	0.00E+00	6.75E-09	-3.45E-08	-3.20E-03	0.00E+00	-5.31E-01	0.00E+00	-4.85E-01	-4.84E-05	-4.85E-01	-8.86E-01	-5.31E-01	0.00E+00	0.00E+00	0.00E+00	-1.39E+02
NRN410	-9.59E-03	-1.17E-01	9.55E-04	-1.94E-01	0.00E+00	0.00E+00	-2.16E+00	-5.36E-04	4.10E-04	-7.70E-03	0.00E+00	4.60E-20	-3.30E-09	-1.08E-07	-2.73E-03	-2.79E+00	0.00E+00	0.00E+00	-3.18E+00	1.53E-19	-1.84E+00	0.00E+00	-3.56E-09	-2.33E-08	-2.55E-03	0.00E+00	-5.84E-01	0.00E+00	-1.84E+00	-3.96E-05	-1.84E+00	-2.48E+00	-5.84E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
NSN332	-6.97E-03	-7.34E-02	1.11E-03	-9.48E-02	0.00E+00	0.00E+00	-1.29E+00	-1.56E-03	4.97E-04	-4.21E-03	0.00E+00	4.60E-20	-2.63E-09	-1.25E-07	-3.39E-03	-2.46E+00	0.00E+00	0.00E+00	-2.52E+00	1.53E-19	-6.73E-01	0.00E+00	5.14E-09	-3.02E-08	-1.41E-03	0.00E+00	-4.53E-01	0.00E+00	-6.73E-01	-3.16E-05	-6.73E-01	-1.12E+00	-4.53E-01	0.00E+00	0.00E+00	0.00E+00	-1.11E+02
NSN363	-1.53E-02	-1.20E-01	2.68E-03	-1.04E-01	0.00E+00	0.00E+00	-2.02E+00	-2.79E-03	-3.65E-05	-1.00E-02	0.00E+00	4.60E-20	-3.31E-09	-2.17E-07	-2.94E-03	-3.00E+00	0.00E+00	0.00E+00	-3.14E+00	1.53E-19	-5.57E-01	0.00E+00	6.81E-09	-3.47E-08	-3.18E-03	0.00E+00	-4.56E-01	0.00E+00	-5.57E-01	-5.05E-05	-5.57E-01	-8.97E-01	-4.56E-01	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
NSN416	-3.69E-03	-3.63E-02	1.09E-03	-7.20E-02	0.00E+00	0.00E+00	-1.91E+00	-4.80E-04	2.98E-04	-4.42E-03	0.00E+00	4.60E-20	-3.45E-09	-5.97E-08	-2.48E-03	-2.38E+00	0.00E+00	0.00E+00	-3.22E+00	1.53E-19	-1.72E+00	0.00E+00	-2.82E-09	-2.06E-08	-1.82E-03	0.00E+00	-5.76E-01	0.00E+00	-1.72E+00	-1.96E-05	-1.72E+00	-2.38E+00	-5.76E-01	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
YZB110	5.47E-04	1.33E-01	2.92E-03	1.30E-01	0.00E+00	0.00E+00	7.16E-01	1.24E-06	2.31E-04	1.14E-03	0.00E+00	3.75E-20	6.61E-11	2.85E-09	4.51E-03	1.74E-01	0.00E+00	0.00E+00	4.52E-01	1.33E-19	9.68E-01	0.00E+00	8.08E-09	3.67E-09	2.91E-04	0.00E+00	8.76E-02	0.00E+00	9.68E-01	1.08E-07	9.68E-01	1.06E+00	8.76E-02	0.00E+00	0.00E+00	0.00E+00	1.54E+01
YZC110	-1.50E-03	-1.32E-02	1.28E-03	-1.37E-02	0.00E+00	0.00E+00	-9.04E-03	-1.82E-04	1.48E-04	-5.36E-04	0.00E+00	4.60E-20	-6.92E-10	-1.65E-08	1.16E-03	-4.39E-01	0.00E+00	0.00E+00	-2.86E-01	1.53E-19	6.64E-02	0.00E+00	7.32E-10	-4.80E-09	-2.35E-04	0.00E+00	-1.23E-01	0.00E+00	6.64E-02	-5.90E-06	6.64E-02	1.38E-02	-1.23E-01	0.00E+00	0.00E+00	0.00E+00	-1.43E+01
YZB116	-2.83E-03	1.34E-02	-8.33E-05	1.35E-02	0.00E+00	0.00E+00	-6.39E-01	-2.91E-04	-1.07E-04	-1.38E-03	0.00E+00	2.01E-20	-8.60E-10	-3.32E-08	4.29E-04	-3.76E-01	0.00E+00	0.00E+00	-7.27E-01	7.20E-20	-4.21E-01	0.00E+00	-2.96E-11	-8.40E-09	-5.54E-04	0.00E+00	-7.85E-02	0.00E+00	-4.21E-01	-8.83E-06	-4.21E-01	-4.99E-01	-7.85E-02	0.00E+00	0.00E+00	0.00E+00	-3.21E+01
YZC116	-1.38E-03	-1.32E-02	1.19E-03	-1.08E-02	0.00E+00	0.00E+00	-1.90E-03	-1.59E-04	1.45E-04	-4.70E-04	0.00E+00	4.60E-20	-5.06E-10	-1.65E-08	1.30E-03	-2.83E-01	0.00E+00	0.00E+00	-2.37E-01	1.53E-19	5.80E-02	0.00E+00	1.25E-09	-4.01E-09	-2.07E-04	0.00E+00	-9.59E-02	0.00E+00	5.80E-02	-5.44E-06	5.80E-02	1.51E-02	-9.59E-02	0.00E+00	0.00E+00	0.00E+00	-1.18E+01
YZB120	-1.52E-03	-1.48E-02	1.22E-03	-1.64E-02	0.00E+00	0.00E+00	-8.74E-03	-1.75E-04	1.40E-04	-5.50E-04	0.00E+00	4.60E-20	-4.95E-10	-1.36E-08	1.33E-03	-2.91E-01	0.00E+00	0.00E+00	-2.16E-01	1.53E-19	7.46E-02	0.00E+00	1.52E-09	-3.25E-09	-1.86E-04	0.00E+00	-9.71E-02	0.00E+00	7.46E-02	-4.59E-06	7.46E-02	4.53E-02	-9.71E-02	0.00E+00	0.00E+00	0.00E+00	-1.08E+01
YZC120	-9.86E-04	-3.32E-02	1.24E-03	-2.67E-02	0.00E+00	0.00E+00	-3.90E-01	-1.64E-04	2.26E-04	-9.54E-04	0.00E+00	4.60E-20	-6.31E-10	-1.42E-08	1.02E-04	-4.16E-01	0.00E+00	0.00E+00	-5.46E-01	1.53E-19	-6.47E-02	0.00E+00	1.32E-09	-4.32E-09	-3.37E-04	0.00E+00	-1.27E-01	0.00E+00	-6.47E-02	-4.42E-06	-6.47E-02	-2.21E-01	-1.27E-01	0.00E+00	0.00E+00	0.00E+00	-2.25E+01
YZB125	-2.34E-03	-5.70E-03	1.06E-03	-2.36E-02	0.00E+00	0.00E+00	-9.60E-02	-2.19E-04	1.43E-04	-1.14E-03	0.00E+00	4.60E-20	-5.90E-10	-2.72E-08	-1.01E-03	-4.23E-01	0.00E+00	0.00E+00	-3.87E-01	1.53E-19	5.72E-02	0.00E+00	1.39E-09	-4.96E-09	-3.46E-04	0.00E+00	-1.06E-01	0.00E+00	5.72E-02	-8.19E-06	5.72E-02	-1.76E-02	-1.06E-01	0.00E+00	0.00E+00	0.00E+00	-1.65E+01
YZC125	-2.58E-03	-5.70E-03	9.95E-04	-2.36E-02	0.00E+00	0.00E+00	-1.22E-01	-2.36E-04	1.43E-04	-1.15E-03	0.00E+00	4.60E-20	-6.05E-10	-2.62E-08	-9.63E-04	-5.77E-01	0.00E+00	0.00E+00	-4.07E-01	1.53E-19	5.51E-02	0.00E+00	1.51E-09	-5.51E-09	-3.52E-04	0.00E+00	-1.14E-01	0.00E+00	5.51E-02	-7.97E-06	5.51E-02	-2.10E-02	-1.14E-01	0.00E+00	0.00E+00	0.00E+00	-1.68E+01
YZB316	-7.51E-03	2.30E-01	3.93E-03	2.26E-01	0.00E+00	0.00E+00	-6.70E-01	-8.29E-04	-1.54E-04	-2.21E-03	0.00E+00	9.33E-20	-1.25E-09	-9.35E-08	8.07E-03	-9.52E-01	0.00E+00	0.00E+00	-8.53E-01	3.28E-19	9.93E-01	0.00E+00	1.26E-08	-1.14E-08	-8.58E-04	0.00E+00	-8.08E-02	0.00E+00	9.93E-01	-2.40E-05	9.93E-01	9.12E-01	-8.08E-02	0.00E+00	0.00E+00	0.00E+00	-4.47E+01
YZC316	-3.60E-03	1.11E-01	3.61E-03	6.21E-02	0.00E+00	0.00E+00	-1.49E-02	-5.54E-04	1.79E-04	-1.95E-04	0.00E+00	4.60E-20	-1.13E-09	-6.01E-08	-2.83E-04	-6.57E-01	0.00E+00	0.00E+00	-5.95E-01	1.53E-19	7.14E-01	0.00E+00	9.55E-09	-6.39E-09	-4.69E-04	0.00E+00	-1.43E-01	0.00E+00	7.14E-01	-1.50E-05	7.14E-01	5.76E-01	-1.43E-01	0.00E+00	0.00E+00	0.00E+00	-3.24E+01
YZB320	-6.97E-03	-8.93E-02	5.20E-04	-1.15E-01	0.00E+00	0.00E+00	-1.07E+00	-1.04E-03	-1.24E-04	-4.10E-03	0.00E+00	4.60E-20	-2.64E-09	-1.12E-07	-2.54E-03	-1.16E+00	0.00E+00	0.00E+00	-2.07E+00	1.53E-19	6.45E-02	0.00E+00	2.68E-09	-2.38E-08	-1.57E-03	0.00E+00	-3.09E-01	0.00E+00	6.45E-02	-3.59E-05	6.45E-02	-3.28E-01	-3.09E-01	0.00E+00	0.00E+00	0.00E+00	-9.13E+01
YZC320	-5.26E-04	-2.93E-01	-1.14E-03	-2.92E-01	0.00E+00	0.00E+00	-5.40E-01	-9.79E-05	5.64E-04	-2.91E-03	0.00E+00	2.04E-20	-2.82E-09	-1.01E-09	-1.59E-03	-1.07E+00	0.00E+00	0.00E+00	-1.78E+00	6.37E-20	-2.70E+00	0.00E+00	-1.00E-08	-2.37E-08	-1.38E-03	0.00E+00	-2.82E-01	0.00E+00	-2.70E+00	-5.64E-06	-2.70E+00	-2.98E+00	-2.82E-01	0.00E+00	0.00E+00	0.00E+00	-7.62E+01
YZB325	-5.77E-03	-5.01E-02	2.32E-04	-5.60E-02	0.00E+00	0.00E+00	-1.05E+00	-1.18E-03	-1.97E-04	-4.16E-03	0.00E+00	4.60E-20	-2.25E-09	-1.20E-07	-3.13E-03	-1.13E+00	0.00E+00	0.00E+00	-1.94E+00	1.53E-19	3.75E-01	0.00E+00	5.38E-09	-1.80E-08	-1.41E-03	0.00E+00	-2.88E-01	0.00E+00	3.75E-01	-4.05E-05	3.75E-01	5.46E-02	-2.88E-01	0.00E+00	0.00E+00	0.00E+00	-8.61E+01
YZC325	5.95E-04	4.11E-02	2.62E-03	3.84E-02	0.00E+00	0.00E+00	-1.04E-01	-9.70E-05	1.08E-03	-2.24E-04	0.00E+00	7.19E-20	-2.50E-09	3.16E-09	3.06E-03	-2.88E-01	0.00E+00	0.00E+00	-1.04E+00	2.50E-19	-1.49E+00	0.00E+00	7.84E-10	-1.70E-08	-7.23E-04	0.00E+00	-8.45E-02	0.00E+00	-1.49E+00	-5.11E-06	-1.49E+00	-1.58E+00	-8.45E-02	0.00E+00	0.00E+00	0.00E+00	-4.74E+01
VKS01SG	9.16E-04	1.45E-01	3.49E-03	1.42E-01	0.00E+00	0.00E+00	7.73E-01	1.25E-06	5.35E-04	1.26E-03	0.00E+00	3.93E-20	6.88E-11	5.84E-09	-1.73E-03	1.56E-01	0.00E+00	0.00E+00	3.99E-01	1.42E-19	9.53E-01	0.00E+00	8.89E-09	3.77E-09	3.34E-04	0.00E+00	4.96E-02	0.00E+00	9.53E-01	5.18E-08	9.53E-01	1.00E+00	4.96E-02	0.00E+00	0.00E+00	0.00E+00	1.36E+01
VKS03SF	1.48E-03	8.11E-02	6.15E-03	7.50E-02	0.00E+00	0.00E+00	1.50E+00	2.92E-06	9.37E-04	9.19E-04	0.00E+00	5.38E-20	2.81E-10	1.16E-08	-6.14E-03	-3.34E-01	0.00E+00	0.00E+00	9.69E-01	1.82E-19	1.45E+00	0.00E+00	1.23E-08	5.12E-09	3.14E-04	0.00E+00	9.72E-03	0.00E+00	1.45E+00	3.22E-07	1.45E+00	1.46E+00	9.72E-03	0.00E+00	0.00E+00	0.00E+00	3.61E+01
VKS04SD	-1.33E-02	3.37E-02	-3.27E-04	3.40E-02	0.00E+00	0.00E+00	-3.27E+00	-1.44E-03	8.97E-05	-7.03E-03	0.00E+00	8.99E-20	-4.08E-09	-1.58E-07	2.85E-03	-1.54E+00	0.00E+00	0.00E+00	-3.76E+00	3.20E-19	-1.86E+00	0.00E+00	6.61E-10	-3.88E-08	-2.64E-03	0.00E+00	-3.70E-01	0.00E+00	-1.86E+00	-4.38E-05	-1.86E+00	-2.23E+00	-3.70E-01	0.00E+00	0.00E+00	0.00E+00	-1.66E+02
VKS05SK	-1.82E-03	4.92E-01	1.59E-02	4.76E-01	0.00E+00	0.00E+00	1.80E+00	-6.86E-04	2.81E-03	9.36E-04	0.00E+00	1.73E-19	-5.42E-10	-4.66E-08	2.02E-02	-1.65E-02	0.00E+00	0.00E+00	1.44E+00	6.01E-19	3.82E+00	0.00E+00	3.42E-08	4.27E-09	1.97E-04	0.00E+00	2.93E-01	0.00E+00	3.82E+00	-2.44E-05	3.82E+00	4.11E+00	2.93E-01	0.00E+00	0.00E+00	0.00E+00	4.31E+01
VKS06SV	-2.20E-02	-3.01E-01	-6.02E-03	-2.95E-01	0.00E+00	0.00E+00	-5.63E+00	-2.17E-03	-9.77E-04	-1.34E-02	0.00E+00	8.25E-21	-4.00E-09	-2.52E-07	-5.78E-03	-2.88E+00	0.00E+00	0.00E+00	-5.13E+00	2.43E-20	-3.11E+00	0.00E+00	-1.47E-08	-5.16E-08	-4.09E-03	0.00E+00	-6.53E-01	0.00E+00	-3.11E+00	-6.41E-05	-3.11E+00	-3.76E+00	-6.53E-01	0.00E+00	0.00E+00	0.00E+00	-2.19E+02
VKS08SC	-4.36E-02	-6.28E-01	-1.02E-02	-6.18E-01	0.00E+00	0.00E+00	-1.07E+01	-4.33E-03	-1.67E-03	-2.68E-02	0.00E+00	2.14E-20	-7.76E-09	-4.99E-07	-4.59E-02	-6.30E+00	0.00E+00	0.00E+00	-1.03E+01	7.68E-20	-6.15E+00	0.00E+00	-2.57E-08	-1.03E-07	-8.13E-03	0.00E+00	-1.55E+00	0.00E+00	-6.15E+00	-1.27E-04	-6.15E+00	-7.70E+00	-1.55E+00	0.00E+00	0.00E+00	0.00E+00	-4.36E+02
VKS12SJ	-6.39E-03	-1.11E-01	-1.60E-03	-1.10E-01	0.00E+00	0.00E+00	-1.59E+00	-6.29E-04	-2.81E-04	-4.07E-03	0.00E+00	6.09E-21	-1.29E-09	-7.25E-08	-8.14E-03	-9.08E-01	0.00E+00	0.00E+00	-1.56E+00	1.86E-20	-1.09E+00	0.00E+00	-4.47E-09	-1.67E-08	-1.28E-03	0.00E+00	-2.34E-01	0.00E+00	-1.09E+00	-1.86E-05	-1.09E+00	-1.33E+00	-2.34E-01	0.00E+00	0.00E+00	0.00E+00	-6.60E+01