

24BA062 (Stage 1)									24BA062 (Stage 2)									24BA062 (Stage 3)									24BA062 (Stage 4)								
Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio	Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio	Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio	Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio
[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]
6531.580	1200	0	0	0.0000	0.0000	0.0000			703.185	2201	0	0	0.0000	0.0000	0.0000			681.647	4198	0	0	0.0000	0.0000	0.0000			691.546	6201	0	0	0.0000	0.0000	0.0000		
6532.580	1200	0	-73	0.0000	0.0000	0.0000			704.185	2201	0	73	0.0000	0.0000	0.0000			683.927	4200	0	7	0.0000	0.0000	0.0000			692.546	6200	0	37	0.0000	0.0000	0.0000		
6533.580	1201	0	0	0.0000	0.0000	0.0000			705.184	2201	0	110	0.0000	0.0000	0.0000			684.926	4200	0	-322	0.0001	0.0000	0.0000			693.545	6202	0	37	0.0000	0.0000	0.0000		
6534.580	1201	0	0	0.0000	0.0000	0.0000			706.184	2200	0	293	0.0000	0.0000	0.0000			685.926	4200	0	154	0.0000	0.0000	0.0000			694.545	6199	0	0	0.0000	0.0000	0.0000		
6535.580	1199	0	-37	0.0000	0.0000	0.0000			707.184	2201	0	512	0.0000	0.0000	0.0000			686.926	4201	0	227	0.0000	0.0000	0.0000			695.545	6200	0	73	0.0000	0.0000	0.0000		
6536.570	1200	0	37	0.0000	0.0000	0.0000			707.274	2202	0	439	0.0000	0.0000	0.0000			687.925	4198	0	190	0.0000	0.0000	0.0000			696.544	6201	0	37	0.0000	0.0000	0.0000		
6537.570	1200	0	37	0.0000	0.0000	0.0000			708.274	2200	0	73	0.0000	0.0000	0.0000			688.925	4200	0	227	0.0000	0.0000	0.0000			697.544	6199	0	73	0.0000	0.0000	0.0000		
6538.570	1201	0	0	0.0000	0.0000	0.0000			709.273	2200	0	-110	0.0000	0.0000	0.0000			689.925	4200	0	190	0.0000	0.0000	0.0000			698.544	6199	0	37	0.0000	0.0000	0.0000		
6539.570	1201	0	37	0.0000	0.0000	0.0000			710.273	2201	0	-37	0.0000	0.0000	0.0000			690.924	4201	0	300	0.0000	0.0000	0.0000			699.543	6199	0	110	0.0000	0.0000	0.0000		
6540.570	1200	0	37	0.0000	0.0000	0.0000			711.273	2201	0	293	0.0000	0.0000	0.0000			691.924	4199	0	520	0.0000	0.0000	0.0000			700.543	6199	0	110	0.0000	0.0000	0.0000		
6541.570	1198	0	0	0.0000	0.0000	0.0000			712.272	2201	0	695	0.0000	0.0000	0.0000			692.924	4199	0	739	0.0000	0.0000	0.0000			701.543	6200	0	110	0.0000	0.0000	0.0000		
6542.570	1201	0	37	0.0000	0.0000	0.0000			713.272	2201	0	1025	0.0000	0.0000	0.0000			693.923	4201	0	885	0.0001	0.0000	0.0000			702.542	6200	0	73	0.0000	0.0000	0.0000		
6543.570	1199	0	37	0.0000	0.0000	0.0000			714.272	2201	0	1098	0.0000	0.0000	0.0000			694.923	4199	0	885	0.0000	0.0000	0.0000			703.542	6199	0	146	0.0000	0.0000	0.0000		
6544.570	1198	0	37	0.0000	0.0000	0.0000			715.271	2201	0	1061	0.0000	0.0000	0.0000			695.923	4200	0	666	0.0001	0.0000	0.0001			704.542	6199	0	110	0.0000	0.0000	0.0000		
6545.570	1201	0	37	0.0000	0.0000	0.0000			716.271	2199	0	1134	0.0000	0.0000	0.0000			696.922	4201	0	410	0.0001	0.0000	0.0001			705.541	6199	0	146	0.0000	0.0000	0.0000		
6546.570	1201	0	37	0.0000	0.0000	0.0000			717.271	2201	0	1281	0.0000	0.0000	0.0000			697.922	4199	0	776	0.0001	0.0000	0.0001			706.541	6199	0	146	0.0000	0.0000	0.0000		
6547.570	1200	0	0	0.0000	0.0000	0.0000			718.270	2201	0	1354	0.0000	0.0000	0.0000			698.922	4201	0	995	0.0001	0.0000	0.0001			707.541	6202	0	146	0.0000	0.0000	0.0000		
6548.570	1200	0	-37	0.0000	0.0000	0.0000			719.270	2201	0	1427	0.0000	0.0000	0.0000			699.922	4199	0	1032	0.0001	0.0000	0.0001			708.540	6199	0	110	0.0000	0.0000	0.0000		
6549.570	1199	0	37	0.0000	0.0000	0.0000			720.270	2201	0	1500	0.0000	0.0000	0.0000			700.921	4201	0	1142	0.0001	0.0000	0.0001			709.540	6199	0	146	0.0000	0.0000	0.0000		
6550.570	1200	0	0	0.0000	0.0000	0.0000			721.270	2200	0	1500	0.0000	0.0000	0.0000			701.921	4201	0	849	0.0001	0.0000	0.0001			710.540	6201	0	146	0.0000	0.0000	0.0000		
6551.570	1198	0	0	0.0000	0.0000	0.0000			722.269	2203	0	1573	0.0000	0.0000	0.0000			702.921	4201	0	520	0.0001	0.0000	0.0001			711.539	6200	0	110	0.0000	0.0000	0.0000		
6552.570	1201	0	37	0.0000	0.0000	0.0000			723.269	2200	0	1646	0.0000	0.0000	0.0000			703.920	4201	0	922	0.0001	0.0000	0.0001			712.539	6201	0	183	0.0000	0.0000	0.0000		
6553.570	1202	0	110	0.0000	0.0000	0.0000			724.269	2201	0	1646	0.0000	0.0000	0.0000			704.920	4199	0	1215	0.0001	0.0000	0.0001			713.539	6201	0	183	0.0000	0.000			

6606.550	1199	0	220	0.0000	0.0000	0.0000	1.53E+06	0.037	777.252	2201	0	3256	0.0003	0.0000	0.0002	7.67E+06	0.181	757.903	4200	0	2898	0.0003	-0.0001	0.0002	7.94E+06	0.200	766.465	6199	0	585	0.0000	0.0000	0.0000	9.29E+06	0.165
6607.550	1201	0	183	0.0000	0.0000	0.0000	1.72E+06	0.031	778.251	2199	0	3330	0.0003	0.0000	0.0002	7.67E+06	0.182	758.903	4200	0	3154	0.0003	-0.0001	0.0002	7.84E+06	0.199	767.465	6199	0	585	0.0000	0.0000	0.0000	9.24E+06	0.166
6608.550	1200	0	183	0.0000	0.0000	0.0000	1.92E+06	0.026	779.251	2200	0	3366	0.0003	0.0000	0.0002	7.70E+06	0.181	759.902	4199	0	3191	0.0003	-0.0001	0.0002	7.89E+06	0.200	768.465	6199	0	622	0.0001	0.0000	0.0001	9.25E+06	0.166
6609.550	1199	0	183	0.0000	0.0000	0.0000	1.96E+06	0.030	780.251	2201	0	3439	0.0003	0.0000	0.0002	7.79E+06	0.182	760.902	4201	0	3337	0.0003	-0.0001	0.0002	7.94E+06	0.200	769.464	6199	0	695	0.0001	0.0000	0.0001	9.09E+06	0.166
6610.550	1200	0	146	0.0000	0.0000	0.0000	1.90E+06	0.036	781.250	2201	0	3512	0.0003	0.0000	0.0002	7.82E+06	0.183	761.902	4200	0	3044	0.0004	-0.0001	0.0002	7.74E+06	0.200	770.464	6199	0	695	0.0001	0.0000	0.0001	8.83E+06	0.165
6611.550	1201	0	220	0.0000	0.0000	0.0000	1.82E+06	0.032	782.250	2200	0	3256	0.0003	0.0000	0.0002	7.88E+06	0.183	762.901	4200	0	2715	0.0004	-0.0001	0.0002	7.95E+06	0.200	771.464	6200	0	805	0.0001	0.0000	0.0001	8.15E+06	0.165
6612.550	1201	0	183	0.0000	0.0000	0.0000	1.90E+06	0.023	783.250	2201	0	3549	0.0003	0.0000	0.0002	7.96E+06	0.182	763.901	4200	0	3081	0.0003	-0.0001	0.0002	7.98E+06	0.201	772.463	6199	0	622	0.0001	0.0000	0.0001	7.93E+06	0.165
6613.550	1199	0	220	0.0000	0.0000	0.0000	1.81E+06	0.017	784.249	2201	0	3549	0.0003	0.0000	0.0002	7.87E+06	0.181	764.901	4200	0	3374	0.0003	-0.0001	0.0002	7.98E+06	0.202	773.463	6199	0	768	0.0001	0.0000	0.0001	7.91E+06	0.165
6614.550	1198	0	183	0.0000	0.0000	0.0000	2.34E+06	0.017	785.249	2201	0	3586	0.0003	0.0000	0.0002	7.89E+06	0.181	765.900	4200	0	3483	0.0004	-0.0001	0.0002	8.30E+06	0.206	774.463	6200	0	842	0.0001	0.0000	0.0001	7.97E+06	0.165
6615.550	1200	0	146	0.0000	0.0000	0.0000	2.25E+06	0.020	786.249	2200	0	3549	0.0003	0.0000	0.0002	7.94E+06	0.182	766.900	4201	0	3483	0.0004	-0.0001	0.0002	8.29E+06	0.207	775.462	6200	0	878	0.0001	0.0000	0.0001	8.08E+06	0.166
6616.550	1199	0	183	0.0000	0.0000	0.0000	2.29E+06	0.018	787.248	2201	0	3622	0.0003	0.0000	0.0002	7.79E+06	0.183	767.900	4200	0	3264	0.0004	-0.0001	0.0003	8.22E+06	0.206	776.462	6202	0	1025	0.0001	0.0000	0.0001	8.07E+06	0.167
6617.550	1199	0	146	0.0000	0.0000	0.0000	2.46E+06	0.019	788.248	2200	0	3476	0.0003	0.0000	0.0002	7.89E+06	0.184	768.899	4200	0	2825	0.0004	-0.0001	0.0003	8.41E+06	0.206	777.462	6201	0	1025	0.0001	0.0000	0.0001	7.93E+06	0.167
6618.550	1201	0	220	0.0000	0.0000	0.0000	2.36E+06	0.031	789.248	2200	0	3732	0.0003	0.0000	0.0002	7.90E+06	0.184	769.899	4200	0	3191	0.0004	-0.0001	0.0002	8.41E+06	0.208	778.461	6201	0	951	0.0001	0.0000	0.0001	7.98E+06	0.165
6619.550	1200	0	256	0.0000	0.0000	0.0000	2.19E+06	0.029	790.247	2201	0	3769	0.0003	0.0000	0.0002	7.89E+06	0.185	770.899	4199	0	3593	0.0004	-0.0001	0.0002	8.31E+06	0.208	779.461	6199	0	1061	0.0001	0.0000	0.0001	8.00E+06	0.166
6620.550	1201	0	183	0.0000	0.0000	0.0000	2.25E+06	0.023	791.247	2199	0	3769	0.0003	0.0000	0.0002	7.96E+06	0.184	771.898	4202	0	3666	0.0004	-0.0001	0.0002	8.42E+06	0.209	780.461	6199	0	1061	0.0001	0.0000	0.0001	8.07E+06	0.167
6621.550	1200	0	183	0.0000	0.0000	0.0000	2.21E+06	0.021	792.247	2199	0	3805	0.0003	0.0000	0.0002	8.08E+06	0.183	772.898	4199	0	3703	0.0004	-0.0001	0.0003	8.48E+06	0.207	781.460	6200	0	1134	0.0001	0.0000	0.0001	8.12E+06	0.167
6622.550	1202	0	183	0.0000	0.0000	0.0000	2.28E+06	0.019	793.246	2201	0	3805	0.0003	-0.0001	0.0002	7.80E+06	0.182	773.898	4199	0	3374	0.0004	-0.0001	0.0003	8.35E+06	0.207	782.460	6200	0	1207	0.0001	0.0000	0.0001	8.23E+06	0.168
6623.550	1201	0	220	0.0000	0.0000	0.0000	2.21E+06	0.027	794.246	2200	0	3695	0.0003	0.0000	0.0002	7.82E+06	0.183	774.897	4199	0	3154	0.0004	-0.0001	0.0003	8.53E+06	0.208	783.460	6199	0	1244	0.0001	0.0000	0.0001	8.20E+06	0.169
6624.550	1201	0	220	0.0000	0.0000	0.0000	2.36E+06	0.023	795.246	2200	0	3878	0.0003	0.0000	0.0002	7.82E+06	0.183	775.897	4202	0	3483	0.0004	-0.0001	0.0002	8.52E+06	0.210	784.459	6199	0	1098	0.0001	0.0000	0.0001	8.21E+06	0.169
6625.550	1199	0	146	0.0001	0.0000	0.0000	2.39E+06	0.024	796.245	2201	0	3952	0.0003	-0.0001	0.0002	7.82E+06	0.187	776.897	4200	0	3849	0.0004	-0.0001	0.0003	8.36E+06	0.209	785.459	6199	0	1207	0.0001	0.0000	0.0001	8.25E+06	0.170
6626.550	1201	0	220	0.0000	0.0000	0.0000	2.40E+06	0.018	797.245	2200	0	3952	0.0003	-0.0001	0.0002	7.80E+06	0.187	777.897	4200	0	3922	0.0004	-0.0001	0.0003	8.45E+06	0.211	786.459	6199	0	1317	0.0001	0.0000	0.0001	8.24E+06	0.170
6627.550	1202	0	293	0.0000	0.0000	0.0000	2.54E+06	0.010	798.245	2200	0	3988	0.0003	0.0000	0.0002	7.84E+06	0.187	778.896	4198	0	3959	0.0004	-0.0001	0.0003	8.52E+06	0.213	787.458	6200	0	1354	0.0001	0.0000	0.0001	8.26E+06	0.171
6628.550	1201	0	256	0.0000	0.0000	0.0000	2.77E+06	0.006	799.245	2201	0	4025	0.0003	-0.0001	0.0002	7.65E+06	0.189	779.896	4200	0	3666	0.0004	-0.0001	0.0003	8.39E+06	0.212	788.458	6200	0	1464	0.0001	0.0000	0.0001	8.35E+06	0.173
6629.540	1199	0	256	0.0000	0.0000	0.0000	3.07E+06	0.002	800.244	2200	0	3842	0.0004	-0.0001	0.0002	7.62E+06	0.190	780.896	4200	0	3410	0.0004	-0.0001	0.0003	8.52E+06	0.214	789.458	6199	0	1427	0.0001	0.0000	0.0001	8.29E+06	0.173
6630.540	1200	0	293	0.0000	0.0000	0.0000	3.18E+06	0.001	801.244	2199	0	4025	0.0004	0.0000	0.0003	7.68E+06	0.191	781.895	4199	0	3776	0.0004	-0.0001	0.0003	8.56E+06	0.214	790.458	6199	0	1317	0.0001	0.0000	0.0001	8.36E+06	0.174
6631.540	1199	0	256	0.0000	0.0000	0.0000	3.28E+06	0.001	802.244	2201	0	4135	0.0004	-0.0001	0.0003	7.63E+06	0.191	782.895	4200	0	4032	0.0004	-0.0001	0.0003	8.49E+06	0.214	791.457	6199	0	1427	0.0001	0.0000	0.0001	8.39E+06	0.175
6632.540	1201	0	256	0.0000	0.0000	0.0000	3.42E+06	0.005	803.243	2201	0	4135	0.0003	-0.0001	0.0002	7.60E+06	0.192	783.895	4200	0	4142	0.0004	-0.0001	0.0003	8.70E+06	0.220	792.457	6199	0	1537	0.0002	0.0000	0.0001	8.51E+06	0.175
6633.540	1200	0	256	0.0000	0.0000	0.0000	3.52E+06	0.012	804.243	2202	0	4208	0.0004	-0.0001	0.0003	7.65E+06	0.192	784.894	4200	0	4142	0.0004	-0.0001	0.0003	8.68E+06	0.219	793.457	6199	0	1573	0.0002	0.0000	0.0001	8.54E+06	0.176
6634.540	1201	0	220	0.0000	0.0000	0.0000	3.85E+06	0.023	805.243	2201	0	4281	0.0004	-0.0001	0.0003	7.41E+06	0.189	785.894	4199	0	3886	0.0004	-0.0001	0.0003	8.54E+06	0.222	794.456	6199	0	1670	0.0002	0.0000	0.0001	8.55E+06	0.175
6635.540	1200	0	256	0.0001	0.0000	0.0001	4.10E+06	0.034	806.242	2201	0	4098	0.0004	-0.0001	0.0003	7.44E+06	0.191	786.894	4199	0	3630	0.0005	-0.0001	0.0003	8.70E+06	0.222	795.456	6199	0	1610	0.0002	0.0000	0.0001	8.63E+06	0.176
6636.540	1201	0	256	0.0001	0.0000	0.0000	4.11E+06	0.035	807.242	2200	0	4281	0.0004	-0.0001	0.0003	7.59E+06	0.191	787.893	4201	0	4032	0.0004	-0.0001	0.0003	8.75E+06	0.223	796.456	6199	0	988	0.0002	0.0000	0.0001	8.68E+06	0.178
6637.540	1199	0	293	0.0000	0.0000	0.0000	4.14E+06	0.039	808.242	2201	0	4354	0.0004	-0.0001	0.0003	7.53E+06	0.191	788.893	4200	0	4252	0.0004	-0.0001	0.0003	8.62E+06	0.222	797.455	6201	0	1171	0.0002	0.0000	0.0001	8.75E+06	0.181
6638.540	1199	0	256	0.0001	0.0000	0.0001	3.97E+06	0.047	809.241	2200	0	4318	0.0004	-0.0001	0.0003	7.62E+06	0.192	789.893	4200	0	4361	0.0004	-0.0001	0.0003	8.71E+06	0.226	798.455	6201	0	1573	0.0002	0.0000	0.0001	8.73E+06	0.183
6639.540	1201	0	256	0.0001	0.0000	0.0000	4.07E+06	0.050																											

6684.580	1199	0	878	0.0002	0.0000	0.0002	6.43E+06	0.087	856.226	2201	0	5964	0.0006	-0.0001	0.0004	8.64E+06	0.235	836.878	4199	0	6154	0.0006	-0.0001	0.0004	9.02E+06	0.248	845.440	6199	0	3476	0.0004	-0.0001	0.0002	9.49E+06	0.234
6685.580	1202	0	1025	0.0002	0.0000	0.0001	6.51E+06	0.088	857.226	2201	0	6001	0.0006	-0.0001	0.0004	8.73E+06	0.238	837.877	4200	0	6227	0.0006	-0.0001	0.0004	9.15E+06	0.247	846.440	6199	0	3586	0.0004	-0.0001	0.0002	9.54E+06	0.232
6686.580	1200	0	1061	0.0002	0.0000	0.0002	6.54E+06	0.090	858.226	2200	0	6110	0.0006	-0.0001	0.0004	8.97E+06	0.240	838.877	4200	0	6191	0.0007	-0.0001	0.0004	9.09E+06	0.246	847.439	6199	0	3622	0.0004	-0.0001	0.0002	9.62E+06	0.236
6687.580	1200	0	1207	0.0002	0.0000	0.0002	6.49E+06	0.093	859.225	2201	0	6074	0.0006	-0.0001	0.0004	8.92E+06	0.241	839.877	4200	0	5935	0.0007	-0.0001	0.0004	9.05E+06	0.246	848.439	6199	0	3732	0.0004	-0.0001	0.0003	9.63E+06	0.235
6688.580	1200	0	1244	0.0002	0.0000	0.0002	6.43E+06	0.096	860.225	2200	0	6001	0.0006	-0.0001	0.0004	8.98E+06	0.240	840.876	4200	0	5752	0.0007	-0.0001	0.0004	9.26E+06	0.250	849.439	6200	0	3769	0.0004	-0.0001	0.0003	9.36E+06	0.234
6689.580	1199	0	1317	0.0002	0.0000	0.0002	6.44E+06	0.100	861.225	2201	0	6184	0.0006	-0.0001	0.0004	9.14E+06	0.242	841.876	4200	0	6044	0.0006	-0.0001	0.0004	9.19E+06	0.247	850.438	6199	0	3549	0.0004	-0.0001	0.0002	9.24E+06	0.232
6690.580	1200	0	1390	0.0002	0.0000	0.0002	6.53E+06	0.105	862.224	2200	0	6257	0.0006	-0.0001	0.0004	9.00E+06	0.241	842.876	4199	0	6264	0.0007	-0.0001	0.0004	9.07E+06	0.245	851.438	6199	0	3842	0.0004	-0.0001	0.0003	9.28E+06	0.232
6691.580	1199	0	1354	0.0002	0.0000	0.0002	6.59E+06	0.106	863.224	2201	0	6257	0.0006	-0.0001	0.0004	9.08E+06	0.242	843.875	4199	0	6374	0.0007	-0.0001	0.0004	8.92E+06	0.246	852.438	6199	0	3842	0.0004	-0.0001	0.0002	9.13E+06	0.229
6692.580	1200	0	1354	0.0002	0.0000	0.0002	6.69E+06	0.109	864.224	2201	0	6330	0.0006	-0.0001	0.0004	9.18E+06	0.245	844.875	4201	0	6484	0.0007	-0.0001	0.0004	8.65E+06	0.246	853.437	6199	0	3915	0.0004	-0.0001	0.0003	9.17E+06	0.229
6693.580	1200	0	1317	0.0002	0.0000	0.0002	6.77E+06	0.112	865.223	2201	0	6366	0.0006	-0.0001	0.0004	9.04E+06	0.243	845.875	4199	0	6191	0.0007	-0.0001	0.0004	8.62E+06	0.246	854.437	6204	0	3988	0.0004	-0.0001	0.0003	9.25E+06	0.230
6694.580	1200	0	1244	0.0002	0.0000	0.0002	6.80E+06	0.114	866.223	2201	0	6220	0.0006	-0.0001	0.0004	9.09E+06	0.244	846.874	4200	0	6044	0.0007	-0.0001	0.0004	8.87E+06	0.248	855.437	6199	0	4061	0.0004	-0.0001	0.0003	9.04E+06	0.229
6695.580	1199	0	1281	0.0002	0.0000	0.0002	6.85E+06	0.116	867.223	2200	0	6366	0.0006	-0.0001	0.0004	8.94E+06	0.243	847.874	4199	0	6337	0.0007	-0.0001	0.0004	8.90E+06	0.247	856.436	6201	0	3805	0.0004	-0.0001	0.0003	8.97E+06	0.227
6696.580	1199	0	1317	0.0002	0.0000	0.0002	6.85E+06	0.119	868.222	2201	0	6476	0.0006	-0.0001	0.0004	8.85E+06	0.245	848.874	4200	0	6667	0.0007	-0.0001	0.0004	8.75E+06	0.246	857.436	6200	0	3842	0.0004	-0.0001	0.0003	9.08E+06	0.229
6697.580	1200	0	1354	0.0002	0.0000	0.0002	6.94E+06	0.121	869.222	2199	0	6513	0.0006	-0.0001	0.0004	8.96E+06	0.246	849.873	4199	0	6630	0.0007	-0.0001	0.0004	8.80E+06	0.247	858.436	6199	0	4061	0.0004	-0.0001	0.0003	9.11E+06	0.228
6698.580	1201	0	1464	0.0002	0.0000	0.0002	7.05E+06	0.124	870.222	2201	0	6549	0.0006	-0.0001	0.0004	9.11E+06	0.248	850.873	4199	0	6703	0.0007	-0.0001	0.0004	8.76E+06	0.246	859.435	6201	0	4171	0.0004	-0.0001	0.0003	9.28E+06	0.228
6699.580	1201	0	1500	0.0002	0.0000	0.0002	7.06E+06	0.127	871.221	2200	0	6586	0.0006	-0.0001	0.0004	8.96E+06	0.248	851.873	4200	0	6447	0.0007	-0.0001	0.0004	8.66E+06	0.245	860.435	6199	0	4244	0.0004	-0.0001	0.0003	9.45E+06	0.229
6700.580	1200	0	1537	0.0002	0.0000	0.0002	7.23E+06	0.132	872.221	2201	0	6403	0.0007	-0.0001	0.0004	9.05E+06	0.248	852.872	4201	0	6264	0.0007	-0.0001	0.0004	8.86E+06	0.246	861.435	6200	0	4244	0.0004	-0.0001	0.0003	9.45E+06	0.231
6701.580	1201	0	1573	0.0002	0.0000	0.0002	7.32E+06	0.133	873.221	2201	0	6403	0.0006	-0.0001	0.0004	9.14E+06	0.251	853.872	4198	0	6593	0.0007	-0.0001	0.0004	8.89E+06	0.245	862.434	6199	0	3915	0.0004	-0.0001	0.0003	9.47E+06	0.229
6702.580	1200	0	1573	0.0002	0.0000	0.0002	7.42E+06	0.133	874.221	2201	0	6623	0.0007	-0.0001	0.0004	8.96E+06	0.250	854.872	4200	0	6849	0.0007	-0.0001	0.0004	8.79E+06	0.245	863.434	6200	0	4025	0.0004	-0.0001	0.0003	9.61E+06	0.229
6703.580	1198	0	1610	0.0003	0.0000	0.0002	7.47E+06	0.136	875.220	2201	0	6696	0.0007	-0.0001	0.0004	8.84E+06	0.253	855.872	4201	0	6923	0.0007	-0.0001	0.0004	8.87E+06	0.244	864.434	6199	0	4281	0.0004	-0.0001	0.0003	9.60E+06	0.230
6704.580	1202	0	1720	0.0003	0.0000	0.0002	7.53E+06	0.138	876.220	2200	0	6732	0.0007	-0.0001	0.0004	8.83E+06	0.251	856.871	4201	0	6959	0.0007	-0.0001	0.0004	8.81E+06	0.243	865.433	6201	0	4427	0.0005	-0.0001	0.0003	9.68E+06	0.232
6705.580	1200	0	1720	0.0003	0.0000	0.0002	7.47E+06	0.140	877.220	2200	0	6842	0.0007	-0.0001	0.0004	8.68E+06	0.251	857.871	4200	0	6667	0.0007	-0.0002	0.0004	8.66E+06	0.241	866.433	6201	0	4464	0.0005	-0.0001	0.0003	9.76E+06	0.233
6706.580	1199	0	1793	0.0003	0.0000	0.0002	7.33E+06	0.142	878.219	2200	0	6696	0.0007	-0.0001	0.0004	8.74E+06	0.253	858.871	4199	0	6484	0.0008	-0.0002	0.0005	8.80E+06	0.241	867.433	6199	0	4464	0.0005	-0.0001	0.0003	9.64E+06	0.233
6707.580	1199	0	1793	0.0003	0.0000	0.0002	7.17E+06	0.144	879.219	2201	0	6732	0.0007	-0.0001	0.0004	8.77E+06	0.253	859.870	4200	0	6740	0.0007	-0.0001	0.0004	8.85E+06	0.239	868.433	6200	0	4135	0.0005	-0.0001	0.0003	9.58E+06	0.233
6708.570	1201	0	1829	0.0003	0.0000	0.0002	6.96E+06	0.146	880.219	2200	0	6805	0.0007	-0.0001	0.0004	8.66E+06	0.252	860.870	4201	0	7069	0.0007	-0.0001	0.0004	8.67E+06	0.237	869.432	6199	0	4354	0.0005	-0.0001	0.0003	9.76E+06	0.235
6709.570	1200	0	1829	0.0003	0.0000	0.0002	6.84E+06	0.146	881.218	2199	0	6915	0.0007	-0.0001	0.0004	8.63E+06	0.252	861.870	4200	0	7069	0.0007	-0.0002	0.0004	8.79E+06	0.238	870.432	6201	0	4537	0.0005	-0.0001	0.0003	9.63E+06	0.234
6710.570	1199	0	1939	0.0003	0.0000	0.0003	6.75E+06	0.147	882.218	2200	0	6988	0.0007	-0.0001	0.0004	8.73E+06	0.253	862.869	4199	0	7179	0.0008	-0.0002	0.0004	8.84E+06	0.237	871.432	6201	0	4647	0.0005	-0.0001	0.0003	9.75E+06	0.234
6711.570	1201	0	1866	0.0003	0.0000	0.0002	6.77E+06	0.151	883.218	2201	0	7062	0.0007	-0.0001	0.0004	8.65E+06	0.254	863.869	4200	0	6849	0.0008	-0.0002	0.0005	8.71E+06	0.235	872.431	6200	0	4683	0.0005	-0.0001	0.0003	9.88E+06	0.234
6712.570	1200	0	1866	0.0003	0.0000	0.0003	6.73E+06	0.150	884.217	2201	0	6915	0.0007	-0.0001	0.0005	8.64E+06	0.253	864.869	4200	0	6703	0.0008	-0.0002	0.0004	8.82E+06	0.235	873.431	6199	0	4720	0.0005	-0.0001	0.0003	9.60E+06	0.233
6713.570	1202	0	1976	0.0003	0.0000	0.0003	6.78E+06	0.153	885.217	2198	0	6915	0.0007	-0.0001	0.0004	8.73E+06	0.254	865.868	4199	0	7032	0.0007	-0.0002	0.0004	8.85E+06	0.234	874.431	6199	0	4464	0.0005	-0.0001	0.0003	9.51E+06	0.232
6714.570	1201	0	2049	0.0003	0.0000	0.0003	6.81E+06	0.153	886.217	2201	0	7135	0.0007	-0.0001	0.0004	8.68E+06	0.255	866.868	4200	0	7215	0.0008	-0.0002	0.0005	8.82E+06	0.234	875.430	6201	0	4537	0.0005	-0.0001	0.0003	9.48E+06	0.231
6715.570	1200	0	2049	0.0003	0.0000	0.0003	6.88E+06	0.153	887.216	2200	0	7171	0.0007	-0.0001	0.0005	8.81E+06	0.254	867.868	4201	0	7362	0.0008	-0.0002	0.0005	8.95E+06	0.235	876.430	6199	0	4757	0.0005	-0.0001	0.0003	9.44E+06	0.232
6716.570	1202	0	2122	0.0003	0.0000	0.0003	6.92E+06	0.153	888.216	2201	0	7245	0.0007	-0.0001	0.0004	8.99E+06	0.254	868.867	4199	0	7106	0.0008	-0.0002	0.0005	8.91E+06	0.234	877.430	6200	0	4830	0.0005	-0.0001	0.0003	9.48E+06	0.231
6717.570	1199	0	2122	0.0003																															

6763.560	1202	0	3512	0.0005	-0.0001	0.0004	7.48E+06	0.201	935.201	2201	0	9074	0.0009	-0.0002	0.0005	8.98E+06	0.266	915.852	4201	0	9264	0.0009	-0.0002	0.0005	9.24E+06	0.270	924.415	6200	0	6732	0.0007	-0.0001	0.0004	1.03E+07	0.266
6764.560	1200	0	3439	0.0005	-0.0001	0.0004	7.55E+06	0.204	936.201	2201	0	9111	0.0009	-0.0002	0.0005	9.10E+06	0.267	916.852	4200	0	9337	0.0010	-0.0002	0.0005	9.22E+06	0.270	925.414	6199	0	6769	0.0007	-0.0001	0.0004	1.02E+07	0.267
6765.560	1200	0	3512	0.0005	-0.0001	0.0004	7.61E+06	0.204	937.200	2201	0	9111	0.0009	-0.0002	0.0005	9.09E+06	0.268	917.852	4200	0	9154	0.0010	-0.0002	0.0006	9.20E+06	0.271	926.414	6201	0	6842	0.0007	-0.0001	0.0004	1.03E+07	0.270
6766.560	1201	0	3549	0.0005	-0.0001	0.0004	7.68E+06	0.204	938.200	2199	0	9038	0.0009	-0.0002	0.0006	9.09E+06	0.269	918.851	4202	0	8862	0.0010	-0.0002	0.0006	9.37E+06	0.272	927.414	6200	0	6879	0.0007	-0.0001	0.0004	1.02E+07	0.271
6767.560	1201	0	3586	0.0005	-0.0001	0.0004	7.73E+06	0.203	939.200	2200	0	8891	0.0009	-0.0002	0.0005	9.25E+06	0.269	919.851	4200	0	9191	0.0010	-0.0002	0.0005	9.42E+06	0.271	928.413	6200	0	6842	0.0007	-0.0002	0.0004	1.03E+07	0.271
6768.560	1202	0	3586	0.0005	-0.0001	0.0004	7.74E+06	0.204	940.199	2200	0	9147	0.0009	-0.0002	0.0005	9.21E+06	0.268	920.851	4201	0	9411	0.0010	-0.0002	0.0005	9.27E+06	0.270	929.413	6199	0	6879	0.0007	-0.0001	0.0004	1.04E+07	0.274
6769.560	1200	0	3622	0.0006	-0.0001	0.0004	7.88E+06	0.207	941.199	2200	0	9220	0.0009	-0.0002	0.0005	9.23E+06	0.271	921.850	4201	0	9557	0.0010	-0.0002	0.0005	9.46E+06	0.271	930.413	6201	0	6952	0.0007	-0.0002	0.0004	1.03E+07	0.274
6770.560	1200	0	3695	0.0006	-0.0001	0.0004	7.88E+06	0.209	942.199	2201	0	9294	0.0009	-0.0002	0.0005	9.47E+06	0.273	922.850	4201	0	9594	0.0010	-0.0002	0.0006	9.55E+06	0.272	931.412	6199	0	7025	0.0007	-0.0002	0.0004	1.04E+07	0.275
6771.550	1199	0	3695	0.0006	-0.0001	0.0004	7.91E+06	0.210	943.198	2203	0	9440	0.0009	-0.0002	0.0006	9.35E+06	0.276	923.850	4199	0	9301	0.0010	-0.0002	0.0006	9.34E+06	0.270	932.412	6199	0	7098	0.0007	-0.0002	0.0004	1.03E+07	0.276
6772.550	1202	0	3732	0.0005	-0.0001	0.0004	7.98E+06	0.211	944.198	2200	0	9257	0.0010	-0.0002	0.0006	9.30E+06	0.277	924.849	4200	0	9008	0.0010	-0.0002	0.0006	9.50E+06	0.271	933.412	6201	0	7062	0.0007	-0.0002	0.0004	1.04E+07	0.280
6773.550	1199	0	3732	0.0006	-0.0001	0.0004	8.02E+06	0.210	945.198	2201	0	9111	0.0009	-0.0002	0.0006	9.34E+06	0.278	925.849	4199	0	9484	0.0010	-0.0002	0.0005	9.51E+06	0.271	934.411	6199	0	7062	0.0007	-0.0002	0.0004	1.05E+07	0.282
6774.550	1200	0	3769	0.0005	-0.0001	0.0004	8.15E+06	0.211	946.197	2199	0	9257	0.0009	-0.0002	0.0006	9.27E+06	0.277	926.849	4201	0	9777	0.0010	-0.0002	0.0005	9.38E+06	0.273	935.411	6201	0	7171	0.0007	-0.0002	0.0004	1.06E+07	0.283
6775.550	1199	0	3805	0.0006	-0.0001	0.0004	8.25E+06	0.214	947.197	2201	0	9440	0.0009	-0.0002	0.0006	9.28E+06	0.278	927.849	4200	0	9777	0.0010	-0.0002	0.0006	9.46E+06	0.273	936.411	6202	0	7208	0.0007	-0.0002	0.0004	1.06E+07	0.283
6776.550	1201	0	3842	0.0006	-0.0001	0.0004	8.26E+06	0.212	948.197	2200	0	9513	0.0010	-0.0002	0.0006	9.49E+06	0.280	928.848	4199	0	9850	0.0010	-0.0002	0.0006	9.38E+06	0.270	937.410	6199	0	7318	0.0007	-0.0002	0.0004	1.08E+07	0.286
6777.550	1200	0	3915	0.0006	-0.0001	0.0004	8.25E+06	0.213	949.197	2201	0	9623	0.0010	-0.0002	0.0006	9.42E+06	0.280	929.848	4200	0	9594	0.0010	-0.0002	0.0006	9.23E+06	0.269	938.410	6199	0	7318	0.0007	-0.0002	0.0004	1.10E+07	0.289
6778.550	1199	0	3878	0.0006	-0.0001	0.0004	8.36E+06	0.213	950.196	2201	0	9440	0.0010	-0.0002	0.0006	9.41E+06	0.280	930.848	4200	0	9264	0.0010	-0.0002	0.0006	9.39E+06	0.271	939.410	6199	0	7318	0.0007	-0.0002	0.0004	1.09E+07	0.287
6779.550	1202	0	3915	0.0006	-0.0001	0.0004	8.47E+06	0.214	951.196	2201	0	9367	0.0010	-0.0002	0.0006	9.51E+06	0.281	931.847	4199	0	9703	0.0010	-0.0002	0.0006	9.39E+06	0.269	940.409	6199	0	7354	0.0008	-0.0002	0.0004	1.10E+07	0.290
6780.550	1200	0	3952	0.0006	-0.0001	0.0004	8.49E+06	0.215	952.196	2200	0	9659	0.0010	-0.0002	0.0006	9.48E+06	0.282	932.847	4200	0	9996	0.0010	-0.0002	0.0006	9.25E+06	0.268	941.409	6199	0	7391	0.0008	-0.0002	0.0004	1.10E+07	0.288
6781.550	1202	0	4025	0.0006	-0.0001	0.0004	8.51E+06	0.215	953.195	2199	0	9733	0.0010	-0.0002	0.0006	9.40E+06	0.281	933.847	4201	0	10069	0.0010	-0.0002	0.0006	9.49E+06	0.271	942.409	6201	0	7464	0.0008	-0.0002	0.0004	1.09E+07	0.286
6782.550	1198	0	4061	0.0006	-0.0001	0.0004	8.52E+06	0.215	954.195	2201	0	9806	0.0010	-0.0002	0.0006	9.58E+06	0.285	934.846	4199	0	10106	0.0010	-0.0002	0.0006	9.53E+06	0.271	943.409	6200	0	7501	0.0008	-0.0002	0.0004	1.08E+07	0.284
6783.550	1201	0	4061	0.0006	-0.0001	0.0004	8.51E+06	0.217	955.195	2201	0	9806	0.0010	-0.0002	0.0006	9.49E+06	0.281	935.846	4201	0	9777	0.0011	-0.0002	0.0006	9.32E+06	0.270	944.408	6198	0	7537	0.0008	-0.0002	0.0004	1.09E+07	0.284
6784.550	1199	0	4061	0.0006	-0.0001	0.0005	8.51E+06	0.219	956.194	2200	0	9659	0.0010	-0.0002	0.0006	9.46E+06	0.280	936.846	4200	0	9520	0.0011	-0.0002	0.0006	9.43E+06	0.270	945.408	6199	0	7611	0.0008	-0.0002	0.0004	1.08E+07	0.283
6785.550	1201	0	4135	0.0006	-0.0001	0.0004	8.50E+06	0.219	957.194	2200	0	9477	0.0010	-0.0002	0.0006	9.57E+06	0.280	937.845	4199	0	9886	0.0010	-0.0002	0.0006	9.50E+06	0.270	946.408	6199	0	7611	0.0008	-0.0002	0.0004	1.09E+07	0.282
6786.550	1201	0	4171	0.0006	-0.0001	0.0004	8.52E+06	0.220	958.194	2198	0	9769	0.0010	-0.0002	0.0006	9.61E+06	0.279	938.845	4201	0	10216	0.0011	-0.0002	0.0006	9.38E+06	0.270	947.407	6198	0	7684	0.0008	-0.0002	0.0004	1.10E+07	0.283
6787.550	1200	0	4208	0.0006	-0.0001	0.0005	8.56E+06	0.222	959.193	2201	0	9916	0.0010	-0.0002	0.0006	9.63E+06	0.279	939.845	4200	0	10362	0.0011	-0.0002	0.0006	9.51E+06	0.271	948.407	6200	0	7684	0.0008	-0.0002	0.0004	1.09E+07	0.283
6788.550	1200	0	4318	0.0006	-0.0001	0.0005	8.58E+06	0.222	960.193	2201	0	10025	0.0010	-0.0002	0.0006	9.69E+06	0.278	940.844	4199	0	10362	0.0011	-0.0002	0.0006	9.46E+06	0.269	949.407	6199	0	7757	0.0008	-0.0002	0.0004	1.09E+07	0.285
6789.550	1199	0	4281	0.0006	-0.0001	0.0004	8.73E+06	0.225	961.193	2200	0	10098	0.0010	-0.0002	0.0006	9.66E+06	0.277	941.844	4200	0	10033	0.0011	-0.0002	0.0006	9.21E+06	0.269	950.406	6199	0	7793	0.0008	-0.0002	0.0004	1.10E+07	0.285
6790.550	1200	0	4281	0.0006	-0.0001	0.0004	8.71E+06	0.228	962.192	2201	0	9952	0.0010	-0.0002	0.0006	9.57E+06	0.278	942.844	4199	0	9886	0.0011	-0.0002	0.0006	9.30E+06	0.268	951.406	6199	0	7867	0.0008	-0.0002	0.0004	1.09E+07	0.285
6791.550	1199	0	4318	0.0006	-0.0001	0.0005	8.72E+06	0.230	963.192	2199	0	9842	0.0010	-0.0002	0.0006	9.52E+06	0.278	943.843	4201	0	10179	0.0011	-0.0002	0.0006	9.32E+06	0.268	952.406	6200	0	7903	0.0008	-0.0002	0.0005	1.10E+07	0.286
6792.550	1202	0	4391	0.0006	-0.0001	0.0005	8.78E+06	0.233	964.192	2201	0	10062	0.0010	-0.0002	0.0006	9.47E+06	0.277	944.843	4201	0	10508	0.0011	-0.0002	0.0006	9.18E+06	0.267	953.405	6199	0	7903	0.0008	-0.0002	0.0004	1.11E+07	0.287
6793.550	1200	0	4427	0.0006	-0.0001	0.0005	8.76E+06	0.231	965.191	2199	0	10245	0.0010	-0.0002	0.0006	9.47E+06	0.277	945.843	4200	0	10545	0.0011	-0.0002	0.0006	9.29E+06	0.266	954.405	6200	0	7976	0.0008	-0.0002	0.0004	1.09E+07	0.285
6794.550	1201	0	4500	0.0006	-0.0001	0.0004	8.82E+06	0.234	966.191	2201	0	10281	0.0010	-0.0002	0.0006	9.65E+06	0.280	946.842	4199	0	10618	0.0011	-0.0002	0.0006	9.21E+06	0.267	955.405	6199	0	8050	0.0008	-0.0002	0.0004	1.09E+07	0.286
6795.550	1200	0	4464	0.0006	-0.0001	0.0005	8.84E+06	0.234	967.191	2201	0	10355	0.0010	-0.0002	0.0006	9.54E+06	0.279	947.842	4201	0	10399	0.0011	-0.0002	0.0006	9.01E+06	0.267	956.404	6199	0	8086	0.0008	-0.0002	0.0005	1.09E+07	0.285
6796.550	1198	0																																	

6842.530	1199	0	6037	0.0008	-0.0001	0.0005	8.40E+06	0.247	1014.180	2201	0	12184	0.0012	-0.0003	0.0007	9.71E+06	0.299	994.827	4200	0	12484	0.0013	-0.0003	0.0007	1.00E+07	0.303	1003.390	6200	0	9952	0.0010	-0.0002	0.0005	1.03E+07	0.279
6843.530	1200	0	6110	0.0008	-0.0001	0.0006	8.47E+06	0.249	1015.180	2201	0	12331	0.0012	-0.0003	0.0007	9.72E+06	0.297	995.827	4200	0	12301	0.0013	-0.0003	0.0007	9.84E+06	0.304	1004.390	6199	0	9989	0.0010	-0.0002	0.0005	1.04E+07	0.280
6844.530	1200	0	6074	0.0008	-0.0001	0.0006	8.42E+06	0.248	1016.180	2201	0	12148	0.0013	-0.0003	0.0007	9.62E+06	0.297	996.826	4202	0	12045	0.0013	-0.0003	0.0007	1.00E+07	0.303	1005.390	6200	0	10025	0.0010	-0.0002	0.0005	1.02E+07	0.279
6845.530	1200	0	6220	0.0008	-0.0001	0.0006	8.53E+06	0.249	1017.170	2200	0	11855	0.0012	-0.0003	0.0007	9.74E+06	0.300	997.826	4199	0	12484	0.0013	-0.0003	0.0007	1.00E+07	0.305	1006.390	6199	0	9989	0.0010	-0.0002	0.0005	1.03E+07	0.280
6846.530	1200	0	6184	0.0009	-0.0001	0.0006	8.54E+06	0.249	1018.170	2201	0	12038	0.0012	-0.0003	0.0007	9.74E+06	0.300	998.826	4199	0	12704	0.0013	-0.0003	0.0007	9.84E+06	0.305	1007.390	6199	0	10062	0.0010	-0.0002	0.0005	1.03E+07	0.280
6847.530	1201	0	6257	0.0008	-0.0001	0.0006	8.52E+06	0.249	1019.170	2201	0	12331	0.0012	-0.0003	0.0007	9.64E+06	0.302	999.825	4203	0	12777	0.0013	-0.0003	0.0007	9.98E+06	0.307	1008.390	6199	0	10172	0.0010	-0.0002	0.0005	1.02E+07	0.279
6848.530	1200	0	6257	0.0008	-0.0001	0.0006	8.55E+06	0.249	1020.170	2201	0	12440	0.0012	-0.0003	0.0007	9.77E+06	0.303	1000.830	4200	0	12740	0.0013	-0.0003	0.0007	9.90E+06	0.306	1009.390	6200	0	10245	0.0010	-0.0002	0.0005	1.04E+07	0.282
6849.530	1200	0	6293	0.0009	-0.0001	0.0006	8.73E+06	0.253	1021.170	2200	0	12477	0.0012	-0.0003	0.0007	9.83E+06	0.304	1001.820	4201	0	12631	0.0013	-0.0003	0.0007	9.61E+06	0.305	1010.390	6201	0	10318	0.0010	-0.0002	0.0005	1.04E+07	0.283
6850.530	1201	0	6366	0.0009	-0.0001	0.0006	8.70E+06	0.253	1022.170	2201	0	12440	0.0013	-0.0003	0.0007	9.73E+06	0.303	1002.820	4200	0	12338	0.0013	-0.0003	0.0007	9.73E+06	0.306	1011.390	6199	0	10281	0.0010	-0.0002	0.0005	1.03E+07	0.283
6851.530	1201	0	6330	0.0009	-0.0001	0.0006	8.74E+06	0.252	1023.170	2201	0	12111	0.0013	-0.0003	0.0007	9.86E+06	0.306	1003.820	4199	0	12813	0.0013	-0.0003	0.0007	9.60E+06	0.305	1012.390	6201	0	10318	0.0010	-0.0002	0.0006	1.04E+07	0.285
6852.530	1201	0	6403	0.0009	-0.0001	0.0006	8.73E+06	0.252	1024.170	2201	0	12257	0.0013	-0.0003	0.0007	9.82E+06	0.304	1004.820	4200	0	12960	0.0013	-0.0003	0.0007	9.50E+06	0.305	1013.390	6199	0	10391	0.0010	-0.0002	0.0005	1.05E+07	0.284
6853.530	1200	0	6440	0.0009	-0.0001	0.0006	8.81E+06	0.253	1025.170	2201	0	12550	0.0012	-0.0003	0.0007	9.82E+06	0.304	1005.820	4199	0	13070	0.0013	-0.0003	0.0007	9.72E+06	0.307	1014.390	6200	0	10391	0.0010	-0.0002	0.0005	1.04E+07	0.283
6854.530	1202	0	6513	0.0009	-0.0002	0.0006	8.92E+06	0.255	1026.170	2199	0	12696	0.0013	-0.0003	0.0007	9.96E+06	0.305	1006.820	4200	0	13143	0.0013	-0.0003	0.0007	9.67E+06	0.309	1015.390	6199	0	10391	0.0010	-0.0002	0.0006	1.04E+07	0.282
6855.530	1199	0	6549	0.0009	-0.0001	0.0006	8.94E+06	0.256	1027.170	2201	0	12806	0.0013	-0.0003	0.0007	1.01E+07	0.307	1007.820	4199	0	12813	0.0013	-0.0003	0.0007	9.38E+06	0.306	1016.390	6199	0	10501	0.0010	-0.0002	0.0006	1.04E+07	0.285
6856.530	1200	0	6549	0.0009	-0.0001	0.0006	8.97E+06	0.256	1028.170	2200	0	12696	0.0013	-0.0003	0.0007	1.01E+07	0.306	1008.820	4200	0	12521	0.0013	-0.0003	0.0007	9.43E+06	0.307	1017.380	6199	0	10538	0.0010	-0.0002	0.0006	1.04E+07	0.285
6857.530	1201	0	6623	0.0009	-0.0002	0.0006	9.02E+06	0.256	1029.170	2201	0	12513	0.0013	-0.0003	0.0007	1.03E+07	0.309	1009.820	4199	0	13033	0.0013	-0.0003	0.0007	9.38E+06	0.305	1018.380	6199	0	10538	0.0011	-0.0002	0.0006	1.05E+07	0.286
6858.530	1199	0	6659	0.0009	-0.0002	0.0006	8.96E+06	0.256	1030.170	2200	0	12550	0.0013	-0.0003	0.0007	1.03E+07	0.308	1010.820	4200	0	13253	0.0013	-0.0003	0.0007	9.32E+06	0.304	1019.380	6199	0	10611	0.0010	-0.0002	0.0006	1.06E+07	0.287
6859.530	1201	0	6696	0.0009	-0.0002	0.0006	8.97E+06	0.257	1031.170	2199	0	12806	0.0013	-0.0003	0.0007	1.02E+07	0.307	1011.820	4201	0	13289	0.0013	-0.0003	0.0007	9.46E+06	0.304	1020.380	6200	0	10647	0.0011	-0.0002	0.0006	1.04E+07	0.285
6860.530	1199	0	6659	0.0009	-0.0002	0.0006	8.97E+06	0.257	1032.170	2201	0	12916	0.0013	-0.0003	0.0007	1.03E+07	0.310	1012.820	4199	0	13326	0.0013	-0.0003	0.0007	9.41E+06	0.303	1021.380	6200	0	10721	0.0011	-0.0002	0.0006	1.06E+07	0.285
6861.530	1201	0	6696	0.0009	-0.0002	0.0006	9.05E+06	0.259	1033.170	2201	0	12989	0.0013	-0.0003	0.0007	1.05E+07	0.313	1013.820	4199	0	13033	0.0014	-0.0003	0.0007	9.23E+06	0.303	1022.380	6202	0	10721	0.0011	-0.0002	0.0006	1.07E+07	0.290
6862.530	1201	0	6805	0.0009	-0.0002	0.0006	9.10E+06	0.258	1034.170	2201	0	12952	0.0013	-0.0003	0.0007	1.05E+07	0.311	1014.820	4200	0	12704	0.0014	-0.0003	0.0007	9.30E+06	0.304	1023.380	6200	0	10794	0.0011	-0.0002	0.0006	1.06E+07	0.290
6863.530	1201	0	6842	0.0009	-0.0002	0.0006	9.09E+06	0.259	1035.170	2201	0	12916	0.0013	-0.0003	0.0007	1.06E+07	0.312	1015.820	4201	0	13216	0.0013	-0.0003	0.0007	9.36E+06	0.304	1024.380	6199	0	10830	0.0011	-0.0003	0.0006	1.06E+07	0.289
6864.520	1200	0	6879	0.0009	-0.0002	0.0006	9.08E+06	0.260	1036.170	2201	0	12916	0.0013	-0.0003	0.0007	1.06E+07	0.314	1016.820	4200	0	13472	0.0014	-0.0003	0.0007	9.23E+06	0.304	1025.380	6199	0	10867	0.0011	-0.0003	0.0006	1.07E+07	0.290
6865.520	1200	0	6952	0.0009	-0.0002	0.0006	9.14E+06	0.262	1037.170	2201	0	13135	0.0013	-0.0003	0.0007	1.05E+07	0.317	1017.820	4200	0	13545	0.0014	-0.0003	0.0007	9.35E+06	0.303	1026.380	6200	0	10904	0.0011	-0.0003	0.0006	1.06E+07	0.291
6866.520	1199	0	7025	0.0009	-0.0002	0.0006	9.17E+06	0.263	1038.170	2200	0	13172	0.0013	-0.0003	0.0007	1.06E+07	0.319	1018.820	4199	0	13545	0.0014	-0.0003	0.0007	9.28E+06	0.300	1027.380	6199	0	11050	0.0011	-0.0003	0.0006	1.06E+07	0.291
6867.520	1202	0	6988	0.0009	-0.0002	0.0006	9.18E+06	0.263	1039.170	2201	0	13282	0.0013	-0.0003	0.0007	1.08E+07	0.319	1019.820	4200	0	13999	0.0014	-0.0003	0.0007	9.25E+06	0.301	1028.380	6199	0	11013	0.0011	-0.0003	0.0006	1.05E+07	0.291
6868.520	1198	0	7025	0.0009	-0.0002	0.0006	9.20E+06	0.265	1040.170	2201	0	13245	0.0013	-0.0003	0.0007	1.08E+07	0.320	1020.820	4200	0	13179	0.0014	-0.0003	0.0007	9.46E+06	0.302	1029.380	6199	0	11013	0.0011	-0.0003	0.0006	1.04E+07	0.289
6869.520	1201	0	7025	0.0009	-0.0002	0.0006	9.18E+06	0.264	1041.170	2201	0	12952	0.0013	-0.0003	0.0007	1.10E+07	0.319	1021.820	4200	0	13618	0.0014	-0.0003	0.0007	9.47E+06	0.303	1030.380	6199	0	11050	0.0011	-0.0003	0.0006	1.03E+07	0.287
6870.520	1200	0	7098	0.0009	-0.0002	0.0006	9.05E+06	0.267	1042.170	2201	0	13099	0.0013	-0.0003	0.0007	1.10E+07	0.320	1022.820	4200	0	13728	0.0014	-0.0003	0.0007	9.31E+06	0.300	1031.380	6199	0	11086	0.0011	-0.0003	0.0006	1.03E+07	0.286
6871.520	1201	0	7098	0.0009	-0.0002	0.0006	9.12E+06	0.268	1043.170	2201	0	13318	0.0013	-0.0003	0.0007	1.09E+07	0.319	1023.820	4200	0	13765	0.0014	-0.0003	0.0007	9.43E+06	0.302	1032.380	6201	0	11160	0.0011	-0.0003	0.0006	1.02E+07	0.286
6872.520	1200	0	7208	0.0009	-0.0002	0.0006	9.10E+06	0.268	1044.170	2201	0	13392	0.0013	-0.0003	0.0007	1.09E+07	0.322	1024.820	4201	0	13765	0.0014	-0.0003	0.0007	9.41E+06	0.302	1033.380	6200	0	11233	0.0011	-0.0003	0.0006	1.01E+07	0.284
6873.520	1201	0	7208	0.0009	-0.0002	0.0006	9.16E+06	0.269	1045.170	2201	0	13538	0.0013	-0.0003	0.0007	1.10E+07	0.321	1025.820	4202	0	13618	0.0014	-0.0003	0.0007	9.34E+06	0.302	1034.380	6200	0	11269	0.0011	-0.0003	0.0006	1.01E+07	0.284
6874.520	1200	0	7245	0.0010	-0.0002	0.0006	9.22E+06	0.270	1046.170	2199	0	13538	0.0014	-0.0003	0.0007	1.10E+07	0.321	1026.820	4200	0	13362	0.0014													

6921.510	1199	0	9074	0.0011	-0.0002	0.0007	9.57E+06	0.279	1093.150	2200	0	15550	0.0015	-0.0004	0.0008	1.02E+07	0.328	1073.800	4199	0	15631	0.0016	-0.0004	0.0008	1.02E+07	0.325	1082.360	6199	0	13282	0.0013	-0.0003	0.0007	1.03E+07	0.299
6922.510	1199	0	9111	0.0012	-0.0002	0.0007	9.65E+06	0.280	1094.150	2199	0	15587	0.0016	-0.0004	0.0008	1.03E+07	0.328	1074.800	4200	0	15338	0.0016	-0.0004	0.0008	1.03E+07	0.326	1083.360	6200	0	13318	0.0013	-0.0003	0.0007	1.02E+07	0.300
6923.510	1201	0	9147	0.0012	-0.0002	0.0007	9.82E+06	0.283	1095.150	2201	0	15587	0.0016	-0.0004	0.0008	1.04E+07	0.331	1075.800	4200	0	15741	0.0016	-0.0004	0.0008	1.02E+07	0.328	1084.360	6200	0	13318	0.0013	-0.0003	0.0007	1.01E+07	0.297
6924.510	1199	0	9220	0.0012	-0.0002	0.0007	9.74E+06	0.282	1096.150	2200	0	15660	0.0015	-0.0004	0.0008	1.04E+07	0.331	1076.800	4202	0	15924	0.0016	-0.0004	0.0008	1.01E+07	0.329	1085.360	6199	0	13392	0.0013	-0.0003	0.0007	1.01E+07	0.298
6925.510	1201	0	9257	0.0012	-0.0002	0.0007	9.84E+06	0.282	1097.150	2201	0	15733	0.0015	-0.0004	0.0008	1.04E+07	0.331	1077.800	4200	0	16106	0.0016	-0.0004	0.0008	1.02E+07	0.330	1086.360	6199	0	13428	0.0013	-0.0003	0.0007	9.99E+06	0.297
6926.510	1201	0	9257	0.0012	-0.0002	0.0007	9.86E+06	0.284	1098.150	2201	0	15733	0.0016	-0.0004	0.0008	1.04E+07	0.332	1078.800	4200	0	16106	0.0016	-0.0004	0.0008	1.01E+07	0.327	1087.360	6199	0	13538	0.0013	-0.0003	0.0007	1.00E+07	0.297
6927.500	1199	0	9294	0.0012	-0.0002	0.0007	9.86E+06	0.284	1099.150	2201	0	15770	0.0016	-0.0004	0.0008	1.04E+07	0.332	1079.800	4199	0	15960	0.0016	-0.0004	0.0008	9.86E+06	0.325	1088.360	6199	0	13575	0.0013	-0.0003	0.0007	1.00E+07	0.299
6928.500	1201	0	9367	0.0012	-0.0002	0.0007	9.94E+06	0.285	1100.150	2200	0	15880	0.0016	-0.0004	0.0008	1.05E+07	0.333	1080.800	4200	0	15594	0.0016	-0.0004	0.0008	9.75E+06	0.325	1089.360	6199	0	13611	0.0013	-0.0003	0.0007	9.96E+06	0.299
6929.500	1200	0	9367	0.0012	-0.0002	0.0007	9.93E+06	0.285	1101.150	2199	0	15916	0.0016	-0.0004	0.0008	1.07E+07	0.337	1081.800	4198	0	16033	0.0016	-0.0004	0.0008	9.76E+06	0.325	1090.360	6199	0	13611	0.0014	-0.0003	0.0007	9.81E+06	0.293
6930.500	1199	0	9513	0.0012	-0.0002	0.0007	9.85E+06	0.284	1102.150	2201	0	15880	0.0016	-0.0004	0.0008	1.06E+07	0.337	1082.800	4201	0	16216	0.0016	-0.0004	0.0008	9.94E+06	0.327	1091.360	6201	0	13684	0.0013	-0.0003	0.0007	9.84E+06	0.295
6931.500	1200	0	9513	0.0012	-0.0002	0.0007	9.92E+06	0.286	1103.150	2198	0	15989	0.0016	-0.0004	0.0008	1.05E+07	0.336	1083.800	4201	0	16363	0.0016	-0.0004	0.0008	1.01E+07	0.325	1092.360	6200	0	13721	0.0014	-0.0003	0.0007	9.75E+06	0.295
6932.500	1201	0	9550	0.0012	-0.0002	0.0007	1.00E+07	0.287	1104.150	2201	0	16063	0.0016	-0.0004	0.0008	1.06E+07	0.338	1084.800	4201	0	16399	0.0016	-0.0004	0.0008	1.00E+07	0.323	1093.360	6199	0	13794	0.0013	-0.0003	0.0007	9.84E+06	0.295
6933.500	1201	0	9586	0.0012	-0.0002	0.0007	9.93E+06	0.286	1105.150	2200	0	16063	0.0016	-0.0004	0.0008	1.06E+07	0.338	1085.800	4201	0	16106	0.0017	-0.0004	0.0008	9.93E+06	0.321	1094.360	6201	0	13867	0.0014	-0.0003	0.0007	9.95E+06	0.296
6934.500	1200	0	9586	0.0012	-0.0002	0.0007	1.00E+07	0.287	1106.150	2202	0	16099	0.0016	-0.0004	0.0008	1.07E+07	0.340	1086.800	4201	0	15777	0.0016	-0.0004	0.0008	1.01E+07	0.322	1095.360	6200	0	13831	0.0014	-0.0003	0.0007	9.88E+06	0.295
6935.500	1200	0	9623	0.0012	-0.0002	0.0007	1.01E+07	0.288	1107.150	2199	0	16099	0.0016	-0.0004	0.0008	1.09E+07	0.347	1087.800	4199	0	16253	0.0016	-0.0004	0.0008	1.02E+07	0.323	1096.360	6199	0	13867	0.0014	-0.0003	0.0007	9.73E+06	0.292
6936.500	1201	0	9733	0.0012	-0.0002	0.0007	9.93E+06	0.288	1108.150	2200	0	16099	0.0016	-0.0004	0.0008	1.08E+07	0.348	1088.800	4199	0	16509	0.0016	-0.0004	0.0008	1.01E+07	0.322	1097.360	6200	0	13940	0.0014	-0.0003	0.0007	9.76E+06	0.294
6937.500	1199	0	9733	0.0012	-0.0002	0.0007	1.00E+07	0.290	1109.150	2201	0	16172	0.0016	-0.0004	0.0008	1.08E+07	0.350	1089.800	4199	0	16582	0.0016	-0.0004	0.0008	1.02E+07	0.322	1098.360	6200	0	13977	0.0014	-0.0003	0.0007	9.74E+06	0.297
6938.500	1200	0	9769	0.0012	-0.0002	0.0007	1.01E+07	0.293	1110.150	2200	0	16319	0.0016	-0.0004	0.0008	1.09E+07	0.352	1090.800	4199	0	16582	0.0017	-0.0004	0.0008	1.02E+07	0.321	1099.360	6199	0	14087	0.0014	-0.0003	0.0007	9.84E+06	0.301
6939.500	1201	0	9879	0.0012	-0.0002	0.0007	1.00E+07	0.293	1111.140	2200	0	16209	0.0016	-0.0004	0.0008	1.07E+07	0.350	1091.800	4200	0	16399	0.0017	-0.0004	0.0008	1.01E+07	0.322	1100.360	6200	0	14087	0.0014	-0.0003	0.0007	9.92E+06	0.304
6940.500	1200	0	9842	0.0012	-0.0002	0.0007	1.01E+07	0.294	1112.140	2201	0	16319	0.0016	-0.0004	0.0008	1.08E+07	0.354	1092.800	4201	0	16180	0.0017	-0.0004	0.0008	1.01E+07	0.323	1101.360	6200	0	14123	0.0014	-0.0003	0.0007	9.86E+06	0.306
6941.500	1200	0	9842	0.0012	-0.0002	0.0007	1.02E+07	0.296	1113.140	2199	0	16355	0.0016	-0.0004	0.0008	1.09E+07	0.357	1093.800	4200	0	16509	0.0017	-0.0004	0.0008	1.02E+07	0.322	1102.360	6199	0	14123	0.0014	-0.0004	0.0007	9.80E+06	0.304
6942.500	1200	0	9916	0.0012	-0.0002	0.0007	1.02E+07	0.299	1114.140	2201	0	16392	0.0016	-0.0004	0.0008	1.08E+07	0.357	1094.800	4200	0	16728	0.0017	-0.0004	0.0008	1.02E+07	0.322	1103.360	6200	0	14197	0.0014	-0.0003	0.0007	9.91E+06	0.308
6943.500	1200	0	9952	0.0012	-0.0003	0.0007	1.02E+07	0.300	1115.140	2201	0	16502	0.0016	-0.0004	0.0008	1.07E+07	0.356	1095.790	4200	0	16838	0.0017	-0.0004	0.0008	1.04E+07	0.322	1104.360	6200	0	14197	0.0014	-0.0004	0.0007	9.89E+06	0.309
6944.500	1200	0	9952	0.0012	-0.0002	0.0007	1.02E+07	0.302	1116.140	2201	0	16502	0.0016	-0.0004	0.0008	1.08E+07	0.358	1096.790	4201	0	16875	0.0017	-0.0004	0.0008	1.05E+07	0.325	1105.360	6200	0	14270	0.0014	-0.0004	0.0007	1.00E+07	0.310
6945.500	1200	0	9952	0.0012	-0.0003	0.0007	1.01E+07	0.301	1117.140	2198	0	16538	0.0016	-0.0004	0.0008	1.08E+07	0.357	1097.790	4199	0	16619	0.0017	-0.0004	0.0008	1.05E+07	0.325	1106.360	6199	0	14343	0.0014	-0.0004	0.0007	1.00E+07	0.313
6946.500	1200	0	10098	0.0012	-0.0003	0.0007	1.01E+07	0.300	1118.140	2201	0	16611	0.0017	-0.0004	0.0008	1.07E+07	0.358	1098.790	4200	0	16509	0.0017	-0.0004	0.0008	1.08E+07	0.329	1107.360	6199	0	14416	0.0014	-0.0004	0.0007	1.00E+07	0.313
6947.500	1199	0	10098	0.0012	-0.0003	0.0007	1.01E+07	0.302	1119.140	2200	0	16611	0.0016	-0.0004	0.0008	1.08E+07	0.360	1099.790	4200	0	16875	0.0017	-0.0004	0.0008	1.08E+07	0.331	1108.360	6199	0	14416	0.0014	-0.0004	0.0007	1.00E+07	0.312
6948.500	1200	0	10208	0.0012	-0.0003	0.0007	1.00E+07	0.299	1120.140	2200	0	16648	0.0016	-0.0004	0.0008	1.07E+07	0.355	1100.790	4202	0	16985	0.0017	-0.0004	0.0008	1.06E+07	0.333	1109.360	6199	0	14379	0.0014	-0.0004	0.0007	1.01E+07	0.315
6949.500	1201	0	10172	0.0013	-0.0003	0.0008	1.00E+07	0.299	1121.140	2200	0	16685	0.0016	-0.0004	0.0008	1.06E+07	0.353	1101.790	4199	0	17131	0.0017	-0.0004	0.0008	1.07E+07	0.335	1110.360	6200	0	14526	0.0014	-0.0004	0.0007	1.01E+07	0.317
6950.500	1200	0	10208	0.0013	-0.0003	0.0007	1.01E+07	0.298	1122.140	2199	0	16794	0.0016	-0.0004	0.0008	1.06E+07	0.352	1102.790	4200	0	17167	0.0017	-0.0004	0.0008	1.06E+07	0.335	1111.350	6199	0	14526	0.0014	-0.0004	0.0007	1.01E+07	0.317
6951.500	1199	0	10245	0.0013	-0.0003	0.0007	1.00E+07	0.298	1123.140	2201	0	16758	0.0017	-0.0004	0.0008	1.05E+07	0.351	1103.790	4200	0	16838	0.0017	-0.0004	0.0008	1.07E+07	0.339	1112.350	6201	0	14562	0.0014	-0.0004	0.0007	1.02E+07	0.320
6952.500	1199	0	10318	0.0013	-0.0003	0.0007	9.94E+06	0.297	1124.140	2201	0	16868	0.0017	-0.0004	0.0008	1.03E+07	0.348	1104.790	4199	0	16765	0.0017	-0.0004	0.0008	1.07E+07	0.339	1113.350	6199	0	14599	0.0014	-0.0004	0.0007	1.02E+07	0.322
6953.500	1201	0	10391	0.0013	-0.0003	0.0007	9.90E+06	0.297	1125.140	2200	0	16941	0.0017	-0.0004	0.0008	1.03E+07	0.349	1105.790	4199	0	170														

7000.480	1200	0	12331	0.0015	-0.0003	0.0008	9.29E+06	0.302	1172.130	2200	0	18697	0.0018	-0.0005	0.0009	1.04E+07	0.355	1152.780	4200	0	18887	0.0019	-0.0005	0.0009	1.09E+07	0.350	1161.340	6201	0	16611	0.0016	-0.0004	0.0008	1.07E+07	0.344
7001.480	1200	0	12331	0.0015	-0.0003	0.0008	9.43E+06	0.304	1173.120	2201	0	18807	0.0018	-0.0005	0.0009	1.05E+07	0.356	1153.780	4201	0	19180	0.0019	-0.0005	0.0009	1.08E+07	0.349	1162.340	6201	0	16611	0.0016	-0.0004	0.0008	1.05E+07	0.343
7002.480	1201	0	12404	0.0015	-0.0003	0.0008	9.34E+06	0.302	1174.120	2200	0	18843	0.0018	-0.0005	0.0009	1.04E+07	0.357	1154.780	4201	0	19290	0.0019	-0.0005	0.0009	1.07E+07	0.350	1163.340	6199	0	16648	0.0016	-0.0004	0.0008	1.06E+07	0.344
7003.480	1200	0	12440	0.0015	-0.0003	0.0008	9.37E+06	0.301	1175.120	2201	0	18843	0.0018	-0.0005	0.0009	1.04E+07	0.356	1155.780	4200	0	19399	0.0019	-0.0005	0.0009	1.08E+07	0.351	1164.340	6200	0	16721	0.0016	-0.0004	0.0008	1.06E+07	0.345
7004.480	1201	0	12477	0.0015	-0.0003	0.0008	9.39E+06	0.299	1176.120	2201	0	18916	0.0019	-0.0005	0.0009	1.04E+07	0.355	1156.780	4200	0	19399	0.0019	-0.0005	0.0009	1.08E+07	0.350	1165.340	6199	0	16685	0.0016	-0.0004	0.0008	1.05E+07	0.342
7005.480	1199	0	12477	0.0015	-0.0003	0.0008	9.26E+06	0.297	1177.120	2201	0	18953	0.0018	-0.0005	0.0009	1.03E+07	0.354	1157.770	4200	0	19217	0.0019	-0.0005	0.0009	1.09E+07	0.352	1166.340	6200	0	16794	0.0016	-0.0004	0.0008	1.06E+07	0.343
7006.480	1201	0	12587	0.0015	-0.0003	0.0008	9.19E+06	0.296	1178.120	2200	0	18990	0.0019	-0.0005	0.0009	1.03E+07	0.355	1158.770	4199	0	19180	0.0019	-0.0005	0.0009	1.09E+07	0.352	1167.340	6199	0	16794	0.0016	-0.0004	0.0008	1.06E+07	0.345
7007.480	1199	0	12623	0.0015	-0.0003	0.0008	9.21E+06	0.295	1179.120	2200	0	18953	0.0019	-0.0005	0.0009	1.03E+07	0.355	1159.770	4200	0	19436	0.0019	-0.0005	0.0009	1.08E+07	0.350	1168.340	6200	0	16904	0.0017	-0.0004	0.0008	1.06E+07	0.346
7008.480	1201	0	12696	0.0015	-0.0003	0.0008	9.18E+06	0.296	1180.120	2201	0	19026	0.0019	-0.0005	0.0009	1.02E+07	0.354	1160.770	4200	0	19546	0.0019	-0.0005	0.0009	1.08E+07	0.349	1169.340	6199	0	16904	0.0017	-0.0004	0.0008	1.06E+07	0.344
7009.480	1199	0	12623	0.0015	-0.0003	0.0009	9.28E+06	0.296	1181.120	2199	0	19099	0.0019	-0.0005	0.0009	1.02E+07	0.351	1161.770	4199	0	19692	0.0019	-0.0005	0.0009	1.10E+07	0.353	1170.340	6199	0	17014	0.0016	-0.0004	0.0008	1.06E+07	0.341
7010.480	1200	0	12660	0.0015	-0.0003	0.0008	9.30E+06	0.299	1182.120	2201	0	19099	0.0019	-0.0005	0.0009	1.02E+07	0.350	1162.770	4200	0	19656	0.0019	-0.0005	0.0009	1.11E+07	0.354	1171.340	6199	0	17050	0.0016	-0.0004	0.0008	1.06E+07	0.342
7011.480	1199	0	12660	0.0015	-0.0003	0.0008	9.32E+06	0.297	1183.120	2201	0	19173	0.0019	-0.0005	0.0009	1.01E+07	0.347	1163.770	4200	0	19582	0.0019	-0.0005	0.0009	1.12E+07	0.353	1172.340	6199	0	17050	0.0017	-0.0004	0.0008	1.05E+07	0.341
7012.480	1200	0	12733	0.0015	-0.0003	0.0008	9.50E+06	0.298	1184.120	2201	0	19209	0.0019	-0.0005	0.0009	1.01E+07	0.348	1164.770	4200	0	19509	0.0019	-0.0005	0.0009	1.13E+07	0.354	1173.330	6199	0	17087	0.0017	-0.0004	0.0008	1.05E+07	0.343
7013.480	1200	0	12806	0.0015	-0.0003	0.0008	9.61E+06	0.301	1185.120	2200	0	19246	0.0019	-0.0005	0.0009	1.01E+07	0.348	1165.770	4200	0	19656	0.0019	-0.0005	0.0009	1.13E+07	0.355	1174.330	6199	0	17160	0.0017	-0.0004	0.0008	1.04E+07	0.340
7014.480	1200	0	12843	0.0015	-0.0003	0.0008	9.49E+06	0.299	1186.120	2200	0	19209	0.0019	-0.0005	0.0009	1.02E+07	0.351	1166.770	4200	0	19838	0.0019	-0.0005	0.0009	1.13E+07	0.357	1175.330	6200	0	17197	0.0017	-0.0004	0.0008	1.06E+07	0.341
7015.480	1200	0	12879	0.0015	-0.0003	0.0009	9.66E+06	0.301	1187.120	2201	0	19355	0.0019	-0.0005	0.0009	1.02E+07	0.351	1167.770	4201	0	19875	0.0020	-0.0005	0.0009	1.14E+07	0.356	1176.330	6200	0	17197	0.0017	-0.0004	0.0008	1.05E+07	0.341
7016.480	1199	0	12879	0.0015	-0.0003	0.0008	9.76E+06	0.302	1188.120	2201	0	19355	0.0019	-0.0005	0.0009	1.03E+07	0.355	1168.770	4198	0	20021	0.0020	-0.0005	0.0009	1.14E+07	0.357	1177.330	6199	0	17197	0.0017	-0.0004	0.0008	1.05E+07	0.337
7017.480	1199	0	12952	0.0015	-0.0003	0.0008	9.77E+06	0.302	1189.120	2200	0	19429	0.0019	-0.0005	0.0009	1.02E+07	0.356	1169.770	4198	0	19838	0.0020	-0.0005	0.0009	1.14E+07	0.359	1178.330	6199	0	17380	0.0017	-0.0004	0.0008	1.07E+07	0.341
7018.480	1200	0	12989	0.0015	-0.0003	0.0009	9.84E+06	0.303	1190.120	2201	0	19392	0.0019	-0.0005	0.0009	1.03E+07	0.357	1170.770	4200	0	19729	0.0020	-0.0005	0.0009	1.15E+07	0.360	1179.330	6199	0	17270	0.0017	-0.0004	0.0008	1.06E+07	0.340
7019.480	1199	0	13026	0.0015	-0.0003	0.0009	9.89E+06	0.306	1191.120	2201	0	19465	0.0019	-0.0005	0.0009	1.03E+07	0.357	1171.770	4200	0	19948	0.0020	-0.0005	0.0009	1.12E+07	0.358	1180.330	6200	0	17343	0.0017	-0.0005	0.0008	1.05E+07	0.337
7020.480	1200	0	13026	0.0015	-0.0003	0.0009	9.78E+06	0.305	1192.120	2200	0	19465	0.0019	-0.0005	0.0009	1.03E+07	0.358	1172.770	4201	0	20095	0.0020	-0.0005	0.0009	1.11E+07	0.355	1181.330	6200	0	17453	0.0017	-0.0005	0.0008	1.05E+07	0.336
7021.470	1202	0	13099	0.0016	-0.0003	0.0009	9.77E+06	0.305	1193.120	2201	0	19538	0.0019	-0.0005	0.0009	1.04E+07	0.358	1173.770	4201	0	20278	0.0020	-0.0005	0.0009	1.11E+07	0.353	1182.330	6200	0	17453	0.0017	-0.0005	0.0008	1.05E+07	0.336
7022.470	1202	0	13099	0.0016	-0.0003	0.0009	9.82E+06	0.304	1194.120	2201	0	19648	0.0019	-0.0005	0.0009	1.05E+07	0.360	1174.770	4201	0	20168	0.0020	-0.0005	0.0009	1.11E+07	0.354	1183.330	6199	0	17489	0.0017	-0.0005	0.0008	1.04E+07	0.337
7023.470	1200	0	13135	0.0016	-0.0003	0.0009	9.77E+06	0.302	1195.120	2201	0	19648	0.0019	-0.0005	0.0009	1.06E+07	0.361	1175.770	4200	0	19875	0.0020	-0.0005	0.0009	1.13E+07	0.356	1184.330	6199	0	17599	0.0017	-0.0005	0.0008	1.06E+07	0.341
7024.470	1201	0	13172	0.0016	-0.0004	0.0009	9.76E+06	0.301	1196.120	2201	0	19685	0.0019	-0.0005	0.0009	1.06E+07	0.359	1176.770	4199	0	19948	0.0020	-0.0005	0.0009	1.14E+07	0.359	1185.330	6200	0	17563	0.0017	-0.0005	0.0008	1.06E+07	0.336
7025.470	1201	0	13209	0.0016	-0.0004	0.0009	9.71E+06	0.301	1197.120	2201	0	19758	0.0019	-0.0005	0.0009	1.08E+07	0.362	1177.770	4201	0	20278	0.0020	-0.0005	0.0009	1.13E+07	0.358	1186.330	6199	0	17599	0.0017	-0.0005	0.0008	1.04E+07	0.336
7026.470	1202	0	13318	0.0016	-0.0004	0.0009	9.71E+06	0.302	1198.120	2199	0	19758	0.0019	-0.0005	0.0009	1.08E+07	0.363	1178.770	4200	0	20424	0.0020	-0.0005	0.0009	1.12E+07	0.359	1187.330	6201	0	17672	0.0017	-0.0005	0.0008	1.05E+07	0.337
7027.470	1199	0	13355	0.0016	-0.0004	0.0009	9.78E+06	0.302	1199.120	2201	0	19795	0.0019	-0.0005	0.0009	1.09E+07	0.363	1179.770	4200	0	20497	0.0020	-0.0005	0.0009	1.14E+07	0.363	1188.330	6199	0	17746	0.0017	-0.0005	0.0008	1.04E+07	0.336
7028.470	1199	0	13392	0.0016	-0.0004	0.0009	9.76E+06	0.301	1200.120	2200	0	19868	0.0019	-0.0005	0.0009	1.11E+07	0.365	1180.770	4199	0	20607	0.0020	-0.0005	0.0009	1.13E+07	0.359	1189.330	6199	0	17709	0.0017	-0.0005	0.0008	1.04E+07	0.335
7029.470	1198	0	13428	0.0016	-0.0004	0.0009	9.71E+06	0.300	1201.120	2200	0	19868	0.0019	-0.0005	0.0009	1.12E+07	0.369	1181.770	4202	0	20461	0.0020	-0.0005	0.0009	1.15E+07	0.362	1190.330	6200	0	17746	0.0017	-0.0005	0.0008	1.05E+07	0.336
7030.470	1200	0	13392	0.0016	-0.0004	0.0009	9.75E+06	0.301	1202.120	2201	0	19941	0.0020	-0.0005	0.0009	1.12E+07	0.368	1182.770	4202	0	20278	0.0020	-0.0005	0.0009	1.16E+07	0.360	1191.330	6200	0	17819	0.0017	-0.0005	0.0008	1.04E+07	0.334
7031.470	1201	0	13465	0.0016	-0.0004	0.0009	9.78E+06	0.301	1203.120	2199	0	19978	0.0020	-0.0005	0.0009	1.13E+07	0.368	1183.770	4200	0	20314	0.0020	-0.0005	0.0009	1.13E+07	0.356	1192.330	6200	0	17819	0.0018	-0.0005	0.0008	1.03E+07	0.335
7032.470	1199	0	13648	0.0016	-0.0004	0.0009	9.77E+06	0.300	1204.110	2200	0	19978	0.0020	-0.0005	0.0009	1.14E+07	0.369	1184.7																	

7079.460	1201	0	15880	0.0018	-0.0004	0.0010	9.40E+06	0.297	1251.100	2198	0	22100	0.0021	-0.0006	0.0009	1.05E+07	0.371	1231.750	4200	0	22656	0.0022	-0.0006	0.0010	1.06E+07	0.351	1240.310	6200	0	20014	0.0019	-0.0005	0.0009	1.07E+07	0.349
7080.460	1201	0	15916	0.0018	-0.0004	0.0010	9.37E+06	0.295	1252.100	2199	0	22209	0.0021	-0.0006	0.0009	1.05E+07	0.374	1232.750	4200	0	22692	0.0022	-0.0006	0.0010	1.06E+07	0.351	1241.310	6201	0	20014	0.0019	-0.0005	0.0009	1.08E+07	0.352
7081.460	1198	0	15880	0.0019	-0.0004	0.0010	9.28E+06	0.293	1253.100	2201	0	22283	0.0021	-0.0006	0.0009	1.04E+07	0.372	1233.750	4200	0	22729	0.0022	-0.0006	0.0010	1.07E+07	0.350	1242.310	6200	0	20087	0.0019	-0.0005	0.0009	1.08E+07	0.352
7082.460	1199	0	15916	0.0018	-0.0004	0.0010	9.38E+06	0.294	1254.100	2199	0	22319	0.0021	-0.0006	0.0009	1.04E+07	0.368	1234.750	4202	0	22766	0.0022	-0.0006	0.0010	1.05E+07	0.347	1243.310	6199	0	20161	0.0019	-0.0005	0.0009	1.07E+07	0.353
7083.460	1198	0	15989	0.0018	-0.0004	0.0010	9.34E+06	0.293	1255.100	2200	0	22356	0.0021	-0.0006	0.0009	1.04E+07	0.366	1235.750	4200	0	22802	0.0022	-0.0006	0.0010	1.06E+07	0.352	1244.310	6201	0	20161	0.0019	-0.0005	0.0008	1.07E+07	0.356
7084.450	1201	0	16026	0.0019	-0.0004	0.0010	9.34E+06	0.290	1256.100	2200	0	22392	0.0022	-0.0006	0.0010	1.04E+07	0.368	1236.750	4200	0	22839	0.0022	-0.0006	0.0010	1.05E+07	0.353	1245.310	6199	0	20197	0.0019	-0.0005	0.0009	1.06E+07	0.353
7085.450	1200	0	16099	0.0019	-0.0004	0.0010	9.33E+06	0.289	1257.100	2201	0	22429	0.0022	-0.0006	0.0009	1.05E+07	0.367	1237.750	4199	0	22839	0.0022	-0.0006	0.0010	1.05E+07	0.353	1246.310	6200	0	20270	0.0020	-0.0005	0.0009	1.06E+07	0.352
7086.450	1201	0	16172	0.0019	-0.0004	0.0010	9.34E+06	0.283	1258.100	2201	0	22466	0.0022	-0.0006	0.0009	1.05E+07	0.366	1238.750	4199	0	22912	0.0022	-0.0006	0.0010	1.05E+07	0.355	1247.310	6200	0	20307	0.0020	-0.0005	0.0009	1.06E+07	0.352
7087.450	1200	0	16099	0.0019	-0.0004	0.0010	9.40E+06	0.280	1259.100	2199	0	22502	0.0022	-0.0006	0.0010	1.06E+07	0.367	1239.750	4200	0	22949	0.0022	-0.0006	0.0010	1.05E+07	0.357	1248.310	6200	0	20343	0.0020	-0.0005	0.0009	1.06E+07	0.353
7088.450	1200	0	16209	0.0019	-0.0004	0.0010	9.49E+06	0.277	1260.100	2201	0	22575	0.0022	-0.0006	0.0010	1.07E+07	0.368	1240.750	4201	0	22985	0.0022	-0.0006	0.0010	1.04E+07	0.354	1249.310	6200	0	20343	0.0020	-0.0005	0.0009	1.06E+07	0.355
7089.450	1201	0	16209	0.0019	-0.0004	0.0010	9.38E+06	0.271	1261.100	2201	0	22575	0.0022	-0.0006	0.0009	1.07E+07	0.367	1241.750	4199	0	22949	0.0022	-0.0006	0.0010	1.05E+07	0.355	1250.310	6201	0	20380	0.0020	-0.0005	0.0009	1.08E+07	0.358
7090.450	1200	0	16282	0.0019	-0.0004	0.0010	9.48E+06	0.266	1262.100	2200	0	22575	0.0022	-0.0006	0.0010	1.07E+07	0.364	1242.750	4200	0	23058	0.0022	-0.0006	0.0010	1.06E+07	0.358	1251.310	6200	0	20526	0.0020	-0.0005	0.0009	1.07E+07	0.355
7091.450	1200	0	16355	0.0019	-0.0004	0.0010	9.63E+06	0.261	1263.100	2201	0	22685	0.0022	-0.0006	0.0010	1.07E+07	0.363	1243.750	4200	0	23095	0.0022	-0.0006	0.0010	1.04E+07	0.357	1252.310	6200	0	20490	0.0020	-0.0006	0.0009	1.06E+07	0.352
7092.450	1200	0	16282	0.0019	-0.0004	0.0010	9.59E+06	0.256	1264.100	2201	0	22722	0.0022	-0.0006	0.0009	1.07E+07	0.363	1244.750	4199	0	23168	0.0022	-0.0006	0.0010	1.05E+07	0.361	1253.310	6200	0	20526	0.0020	-0.0006	0.0009	1.06E+07	0.354
7093.450	1198	0	16319	0.0019	-0.0004	0.0010	9.55E+06	0.250	1265.100	2201	0	22685	0.0022	-0.0006	0.0010	1.07E+07	0.362	1245.750	4199	0	23168	0.0022	-0.0006	0.0010	1.05E+07	0.364	1254.310	6199	0	20600	0.0020	-0.0005	0.0009	1.06E+07	0.354
7094.450	1199	0	16355	0.0019	-0.0005	0.0010	9.57E+06	0.245	1266.090	2200	0	22795	0.0022	-0.0006	0.0009	1.07E+07	0.363	1246.750	4202	0	23205	0.0023	-0.0006	0.0010	1.05E+07	0.368	1255.310	6200	0	20636	0.0020	-0.0006	0.0009	1.05E+07	0.352
7095.450	1199	0	16355	0.0019	-0.0004	0.0010	9.57E+06	0.242	1267.090	2200	0	22831	0.0022	-0.0006	0.0010	1.08E+07	0.365	1247.750	4200	0	23205	0.0023	-0.0006	0.0010	1.05E+07	0.369	1256.310	6201	0	20673	0.0020	-0.0006	0.0009	1.06E+07	0.353
7096.450	1202	0	16428	0.0019	-0.0004	0.0010	9.60E+06	0.237	1268.090	2201	0	22868	0.0022	-0.0006	0.0010	1.07E+07	0.363	1248.750	4201	0	23314	0.0022	-0.0006	0.0010	1.05E+07	0.369	1257.310	6200	0	20709	0.0020	-0.0006	0.0009	1.05E+07	0.353
7097.450	1202	0	16465	0.0019	-0.0004	0.0010	9.73E+06	0.236	1269.090	2201	0	22868	0.0022	-0.0006	0.0010	1.09E+07	0.365	1249.750	4200	0	23278	0.0023	-0.0006	0.0010	1.07E+07	0.370	1258.310	6201	0	20746	0.0020	-0.0006	0.0009	1.04E+07	0.351
7098.450	1200	0	16538	0.0019	-0.0004	0.0010	9.67E+06	0.234	1270.090	2201	0	22978	0.0022	-0.0006	0.0010	1.08E+07	0.366	1250.750	4202	0	23424	0.0023	-0.0006	0.0010	1.07E+07	0.370	1259.310	6199	0	20782	0.0020	-0.0006	0.0009	1.05E+07	0.352
7099.450	1200	0	16575	0.0019	-0.0005	0.0010	9.53E+06	0.231	1271.090	2200	0	22978	0.0022	-0.0006	0.0010	1.09E+07	0.367	1251.740	4200	0	23461	0.0023	-0.0006	0.0010	1.08E+07	0.371	1260.310	6200	0	20819	0.0020	-0.0006	0.0009	1.03E+07	0.348
7100.450	1199	0	16502	0.0019	-0.0005	0.0010	9.63E+06	0.228	1272.090	2199	0	23014	0.0022	-0.0006	0.0010	1.10E+07	0.369	1252.740	4200	0	23461	0.0023	-0.0006	0.0010	1.07E+07	0.367	1261.310	6199	0	20856	0.0020	-0.0006	0.0009	1.03E+07	0.346
7101.450	1201	0	16721	0.0019	-0.0004	0.0010	9.59E+06	0.228	1273.090	2201	0	23088	0.0022	-0.0006	0.0010	1.10E+07	0.371	1253.740	4199	0	23424	0.0023	-0.0006	0.0010	1.07E+07	0.366	1262.310	6200	0	20965	0.0020	-0.0006	0.0009	1.04E+07	0.347
7102.450	1201	0	16685	0.0019	-0.0004	0.0010	9.70E+06	0.229	1274.090	2200	0	23124	0.0022	-0.0006	0.0010	1.10E+07	0.370	1254.740	4201	0	23534	0.0023	-0.0006	0.0010	1.08E+07	0.369	1263.310	6200	0	20892	0.0020	-0.0006	0.0009	1.04E+07	0.346
7103.450	1200	0	16721	0.0019	-0.0005	0.0010	9.82E+06	0.226	1275.090	2201	0	23161	0.0022	-0.0006	0.0010	1.12E+07	0.373	1255.740	4199	0	23571	0.0023	-0.0006	0.0010	1.10E+07	0.371	1264.310	6199	0	20929	0.0020	-0.0006	0.0009	1.03E+07	0.344
7104.450	1200	0	16721	0.0019	-0.0004	0.0010	9.79E+06	0.225	1276.090	2199	0	23234	0.0022	-0.0006	0.0010	1.12E+07	0.374	1256.740	4197	0	23607	0.0023	-0.0006	0.0010	1.10E+07	0.369	1265.310	6199	0	21002	0.0020	-0.0006	0.0009	1.04E+07	0.344
7105.450	1201	0	16721	0.0019	-0.0005	0.0010	9.78E+06	0.224	1277.090	2200	0	23234	0.0022	-0.0006	0.0010	1.13E+07	0.376	1257.740	4200	0	23680	0.0023	-0.0006	0.0010	1.09E+07	0.368	1266.310	6200	0	21112	0.0020	-0.0006	0.0009	1.04E+07	0.344
7106.450	1202	0	16758	0.0019	-0.0005	0.0010	9.90E+06	0.227	1278.090	2199	0	23234	0.0022	-0.0006	0.0010	1.13E+07	0.377	1258.740	4200	0	23717	0.0023	-0.0006	0.0010	1.08E+07	0.368	1267.300	6199	0	21148	0.0020	-0.0006	0.0009	1.05E+07	0.344
7107.450	1199	0	16831	0.0019	-0.0005	0.0010	9.85E+06	0.227	1279.090	2201	0	23344	0.0022	-0.0006	0.0010	1.13E+07	0.375	1259.740	4200	0	23717	0.0023	-0.0007	0.0010	1.08E+07	0.366	1268.300	6199	0	21222	0.0020	-0.0006	0.0009	1.07E+07	0.344
7108.450	1199	0	16831	0.0019	-0.0005	0.0010	9.83E+06	0.230	1280.090	2200	0	23454	0.0023	-0.0006	0.0010	1.13E+07	0.374	1260.740	4199	0	23754	0.0023	-0.0007	0.0010	1.09E+07	0.368	1269.300	6199	0	21148	0.0020	-0.0006	0.0009	1.06E+07	0.342
7109.450	1201	0	16868	0.0019	-0.0005	0.0010	9.85E+06	0.230	1281.090	2201	0	23490	0.0023	-0.0006	0.0010	1.13E+07	0.375	1261.740	4200	0	23827	0.0023	-0.0007	0.0010	1.10E+07	0.370	1270.300	6201	0	21331	0.0021	-0.0006	0.0009	1.06E+07	0.343
7110.450	1201	0	16904	0.0019	-0.0005	0.0010	9.65E+06	0.229	1282.090	2201	0	23636	0.0023	-0.0006	0.0010	1.13E+07	0.375	1262.740	4200	0	23900	0.0023	-0.0007	0.0010	1.11E+07	0.370	1271.300	6201	0	21331	0.0021	-0.0006	0.0009	1.04E+07	0.343
7111.450	1201	0	16941	0.0020	-0.0005	0.0010	9.52E+06	0.227	1283.090	2201	0	23710	0.0023	-0.0006	0.0010	1.12E+07	0.377	1263.7																	



7158.430	1201	0	18514	0.0021	-0.0005	0.0011	9.65E+06	0.329	1330.070	2201	0	26124	0.0025	-0.0007	0.0010	1.04E+07	0.389	1310.730	4200	0	25949	0.0025	-0.0007	0.0010	1.10E+07	0.375	1319.290	6201	0	22758	0.0023	-0.0007	0.0010	9.34E+06	0.348
7159.430	1200	0	18514	0.0021	-0.0005	0.0011	9.58E+06	0.329	1331.070	2201	0	26198	0.0025	-0.0007	0.0010	1.03E+07	0.386	1311.730	4201	0	25912	0.0025	-0.0007	0.0010	1.10E+07	0.375	1320.290	6199	0	22502	0.0023	-0.0007	0.0010	9.52E+06	0.349
7160.430	1199	0	18587	0.0021	-0.0005	0.0011	9.63E+06	0.332	1332.070	2200	0	26234	0.0025	-0.0007	0.0010	1.04E+07	0.388	1312.730	4199	0	25985	0.0025	-0.0007	0.0010	1.10E+07	0.377	1321.290	6200	0	22466	0.0023	-0.0007	0.0010	9.67E+06	0.349
7161.430	1201	0	18624	0.0021	-0.0005	0.0011	9.59E+06	0.331	1333.070	2200	0	26198	0.0025	-0.0007	0.0010	1.03E+07	0.384	1313.720	4201	0	26022	0.0025	-0.0007	0.0011	1.11E+07	0.377	1322.290	6199	0	22612	0.0023	-0.0007	0.0010	9.78E+06	0.350
7162.430	1201	0	18624	0.0021	-0.0005	0.0011	9.47E+06	0.330	1334.070	2199	0	26271	0.0025	-0.0007	0.0010	1.03E+07	0.384	1314.720	4200	0	25985	0.0025	-0.0007	0.0010	1.11E+07	0.377	1323.290	6199	0	22868	0.0023	-0.0007	0.0010	9.86E+06	0.350
7163.430	1199	0	18697	0.0021	-0.0005	0.0011	9.45E+06	0.332	1335.070	2201	0	26307	0.0025	-0.0007	0.0010	1.05E+07	0.390	1315.720	4199	0	26168	0.0025	-0.0007	0.0010	1.11E+07	0.377	1324.290	6199	0	23124	0.0023	-0.0007	0.0010	9.85E+06	0.349
7164.430	1201	0	18734	0.0021	-0.0005	0.0011	9.34E+06	0.331	1336.070	2200	0	26344	0.0025	-0.0007	0.0010	1.05E+07	0.391	1316.720	4199	0	26132	0.0025	-0.0007	0.0010	1.10E+07	0.376	1325.290	6199	0	23454	0.0023	-0.0007	0.0010	9.96E+06	0.353
7165.430	1199	0	18734	0.0021	-0.0005	0.0011	9.29E+06	0.332	1337.070	2199	0	26344	0.0025	-0.0007	0.0010	1.04E+07	0.384	1317.720	4199	0	26242	0.0025	-0.0007	0.0010	1.10E+07	0.377	1326.290	6200	0	23746	0.0023	-0.0007	0.0010	9.95E+06	0.353
7166.430	1200	0	18807	0.0021	-0.0005	0.0011	9.37E+06	0.334	1338.070	2200	0	26417	0.0025	-0.0007	0.0010	1.04E+07	0.387	1318.720	4200	0	26205	0.0025	-0.0007	0.0010	1.10E+07	0.376	1327.290	6199	0	23893	0.0023	-0.0007	0.0010	9.95E+06	0.354
7167.430	1200	0	18843	0.0021	-0.0005	0.0011	9.41E+06	0.337	1339.070	2200	0	26454	0.0025	-0.0007	0.0010	1.03E+07	0.387	1319.720	4199	0	26315	0.0025	-0.0007	0.0011	1.10E+07	0.374	1328.290	6199	0	24002	0.0023	-0.0007	0.0010	1.01E+07	0.355
7168.430	1200	0	18843	0.0021	-0.0005	0.0011	9.41E+06	0.336	1340.070	2200	0	26417	0.0025	-0.0007	0.0010	1.03E+07	0.384	1320.720	4201	0	26315	0.0025	-0.0007	0.0011	1.11E+07	0.375	1329.280	6200	0	24075	0.0023	-0.0007	0.0010	1.01E+07	0.356
7169.430	1202	0	18916	0.0021	-0.0005	0.0011	9.51E+06	0.340	1341.070	2199	0	26490	0.0025	-0.0008	0.0010	1.04E+07	0.386	1321.720	4200	0	26388	0.0025	-0.0007	0.0011	1.10E+07	0.376	1330.280	6200	0	24112	0.0023	-0.0007	0.0010	1.03E+07	0.355
7170.430	1200	0	18880	0.0021	-0.0005	0.0011	9.39E+06	0.337	1342.070	2200	0	26564	0.0025	-0.0007	0.0010	1.03E+07	0.385	1322.720	4200	0	26424	0.0025	-0.0007	0.0011	1.10E+07	0.376	1331.280	6201	0	24258	0.0023	-0.0007	0.0010	1.06E+07	0.356
7171.430	1199	0	18953	0.0022	-0.0005	0.0011	9.40E+06	0.341	1343.070	2201	0	26564	0.0025	-0.0008	0.0010	1.03E+07	0.386	1323.720	4199	0	26461	0.0025	-0.0007	0.0010	1.09E+07	0.376	1332.280	6200	0	24258	0.0023	-0.0007	0.0010	1.08E+07	0.357
7172.430	1200	0	18990	0.0022	-0.0005	0.0011	9.49E+06	0.345	1344.070	2199	0	26673	0.0025	-0.0008	0.0010	1.04E+07	0.388	1324.720	4201	0	26571	0.0026	-0.0007	0.0011	1.10E+07	0.377	1333.280	6199	0	24368	0.0023	-0.0007	0.0010	1.11E+07	0.362
7173.430	1201	0	18990	0.0022	-0.0005	0.0011	9.45E+06	0.346	1345.070	2202	0	26673	0.0025	-0.0008	0.0010	1.04E+07	0.389	1325.720	4201	0	26571	0.0026	-0.0007	0.0011	1.10E+07	0.376	1334.280	6201	0	24405	0.0023	-0.0007	0.0010	1.14E+07	0.364
7174.430	1200	0	19026	0.0022	-0.0005	0.0011	9.43E+06	0.347	1346.070	2201	0	26637	0.0026	-0.0008	0.0010	1.03E+07	0.386	1326.720	4200	0	26717	0.0026	-0.0007	0.0011	1.10E+07	0.378	1335.280	6199	0	24478	0.0023	-0.0007	0.0010	1.18E+07	0.366
7175.430	1200	0	19099	0.0022	-0.0005	0.0011	9.49E+06	0.349	1347.070	2201	0	26747	0.0026	-0.0008	0.0010	1.04E+07	0.390	1327.720	4200	0	26717	0.0026	-0.0008	0.0011	1.10E+07	0.377	1336.280	6199	0	24405	0.0024	-0.0007	0.0010	1.22E+07	0.372
7176.430	1200	0	19136	0.0022	-0.0005	0.0011	9.42E+06	0.350	1348.070	2201	0	26783	0.0026	-0.0008	0.0010	1.04E+07	0.390	1328.720	4199	0	26754	0.0026	-0.0007	0.0011	1.10E+07	0.377	1337.280	6199	0	24368	0.0024	-0.0007	0.0010	1.28E+07	0.380
7177.420	1202	0	19136	0.0022	-0.0005	0.0011	9.39E+06	0.353	1349.070	2201	0	26820	0.0026	-0.0008	0.0010	1.03E+07	0.390	1329.720	4202	0	26790	0.0026	-0.0008	0.0011	1.11E+07	0.378	1338.280	6199	0	24405	0.0023	-0.0007	0.0010	1.31E+07	0.381
7178.420	1200	0	19136	0.0022	-0.0005	0.0011	9.50E+06	0.358	1350.070	2198	0	26856	0.0026	-0.0008	0.0010	1.04E+07	0.390	1330.720	4200	0	26827	0.0026	-0.0008	0.0011	1.11E+07	0.376	1339.280	6200	0	24368	0.0023	-0.0007	0.0010	1.34E+07	0.385
7179.420	1201	0	19246	0.0022	-0.0005	0.0011	9.48E+06	0.358	1351.070	2201	0	26893	0.0026	-0.0008	0.0010	1.02E+07	0.387	1331.720	4200	0	26864	0.0026	-0.0008	0.0011	1.11E+07	0.376	1340.280	6199	0	24368	0.0023	-0.0007	0.0010	1.38E+07	0.389
7180.420	1200	0	19173	0.0022	-0.0005	0.0011	9.47E+06	0.359	1352.070	2201	0	26929	0.0026	-0.0008	0.0010	1.01E+07	0.383	1332.720	4200	0	26973	0.0026	-0.0008	0.0011	1.11E+07	0.379	1341.280	6199	0	24405	0.0023	-0.0007	0.0010	1.41E+07	0.392
7181.420	1201	0	19319	0.0022	-0.0005	0.0011	9.56E+06	0.365	1353.070	2201	0	26929	0.0026	-0.0008	0.0011	1.02E+07	0.387	1333.720	4198	0	27010	0.0026	-0.0008	0.0011	1.12E+07	0.381	1342.280	6200	0	24405	0.0024	-0.0007	0.0010	1.44E+07	0.397
7182.420	1199	0	19355	0.0022	-0.0005	0.0011	9.59E+06	0.365	1354.070	2201	0	27003	0.0026	-0.0008	0.0010	1.02E+07	0.389	1334.720	4199	0	27047	0.0026	-0.0008	0.0011	1.13E+07	0.385	1343.280	6201	0	24405	0.0024	-0.0007	0.0010	1.47E+07	0.400
7183.420	1200	0	19392	0.0022	-0.0005	0.0011	9.59E+06	0.365	1355.070	2198	0	27039	0.0026	-0.0008	0.0010	1.01E+07	0.387	1335.720	4199	0	27010	0.0026	-0.0008	0.0011	1.13E+07	0.387	1344.280	6199	0	24515	0.0023	-0.0007	0.0010	1.45E+07	0.395
7184.420	1199	0	19429	0.0022	-0.0005	0.0011	9.73E+06	0.369	1356.070	2201	0	27039	0.0026	-0.0008	0.0011	1.02E+07	0.390	1336.720	4200	0	27047	0.0026	-0.0008	0.0011	1.14E+07	0.387	1345.280	6200	0	24551	0.0024	-0.0007	0.0010	1.41E+07	0.395
7185.420	1201	0	19429	0.0022	-0.0005	0.0011	9.74E+06	0.371	1357.070	2201	0	27149	0.0026	-0.0008	0.0010	1.01E+07	0.386	1337.720	4199	0	27156	0.0026	-0.0008	0.0011	1.15E+07	0.389	1346.280	6199	0	24698	0.0024	-0.0007	0.0010	1.34E+07	0.392
7186.420	1200	0	19538	0.0022	-0.0005	0.0011	9.75E+06	0.371	1358.070	2200	0	27186	0.0026	-0.0008	0.0011	1.01E+07	0.387	1338.720	4200	0	27193	0.0026	-0.0008	0.0011	1.16E+07	0.391	1347.280	6199	0	24661	0.0024	-0.0007	0.0010	1.25E+07	0.385
7187.420	1200	0	19465	0.0022	-0.0005	0.0011	9.82E+06	0.376	1359.070	2198	0	27149	0.0026	-0.0008	0.0011	1.01E+07	0.386	1339.720	4202	0	27193	0.0026	-0.0008	0.0011	1.15E+07	0.390	1348.280	6199	0	24698	0.0024	-0.0007	0.0010	1.18E+07	0.381
7188.420	1201	0	19538	0.0022	-0.0005	0.0011	9.82E+06	0.375	1360.060	2201	0	27186	0.0026	-0.0008	0.0010	1.02E+07	0.387	1340.720	4200	0	27303	0.0026	-0.0008	0.0011	1.15E+07	0.392	1349.280	6200	0	24734	0.0024	-0.0007	0.0010	1.14E+07	0.378
7189.420	1198	0	19538	0.0022	-0.0005	0.0011	9.76E+06	0.374	1361.060	2201	0	27259	0.0026	-0.0008	0.0010	1.01E+07	0.385	1341.720	4201	0	27303	0.0026	-0.0008	0.0011	1.16E+07	0.393	1350.280	6200	0	24771	0.0024	-0.0007	0.0010	1.10E+07	0.378
7190.420	1198	0	19648	0.0022	-0.0005	0.0011	9.85E+06	0.378	1362.060	2201	0	27295	0.0026	-0.0008	0.0011	1.02E+07	0.386	1342.7																	

7237.410	1200	0	22136	0.0025	-0.0007	0.0012	9.10E+06	0.489	1409.050	2201	0	28978	0.0028	-0.0009	0.0011	9.31E+06	0.469	1389.700	4199	0	29352	0.0028	-0.0008	0.0011	1.06E+07	0.377	1398.260	6199	0	26856	0.0026	-0.0008	0.0010	1.13E+07	0.384
7238.410	1200	0	22246	0.0025	-0.0007	0.0012	9.15E+06	0.494	1410.050	2201	0	29052	0.0028	-0.0009	0.0011	9.22E+06	0.467	1390.700	4200	0	29352	0.0028	-0.0008	0.0011	1.06E+07	0.378	1399.260	6200	0	26929	0.0026	-0.0008	0.0010	1.13E+07	0.383
7239.400	1201	0	22209	0.0025	-0.0007	0.0012	9.07E+06	0.496	1411.050	2199	0	29015	0.0028	-0.0009	0.0011	9.21E+06	0.470	1391.700	4201	0	29388	0.0028	-0.0008	0.0011	1.06E+07	0.379	1400.260	6199	0	26929	0.0026	-0.0008	0.0010	1.14E+07	0.389
7240.400	1200	0	22209	0.0025	-0.0007	0.0011	9.00E+06	0.498	1412.050	2201	0	29125	0.0028	-0.0009	0.0011	9.29E+06	0.475	1392.700	4200	0	29461	0.0028	-0.0009	0.0011	1.06E+07	0.382	1401.260	6201	0	27003	0.0026	-0.0008	0.0010	1.14E+07	0.391
7241.400	1199	0	22319	0.0025	-0.0007	0.0012	9.01E+06	0.503	1413.050	2201	0	29088	0.0028	-0.0009	0.0011	9.38E+06	0.477	1393.700	4201	0	29535	0.0028	-0.0009	0.0011	1.06E+07	0.382	1402.260	6200	0	27003	0.0026	-0.0008	0.0010	1.16E+07	0.396
7242.400	1200	0	22356	0.0025	-0.0007	0.0012	8.80E+06	0.498	1414.050	2201	0	29125	0.0028	-0.0009	0.0011	9.29E+06	0.476	1394.700	4200	0	29498	0.0028	-0.0008	0.0011	1.07E+07	0.384	1403.260	6200	0	27039	0.0026	-0.0008	0.0010	1.16E+07	0.397
7243.400	1200	0	22392	0.0025	-0.0007	0.0012	8.73E+06	0.501	1415.050	2199	0	29161	0.0028	-0.0009	0.0011	9.20E+06	0.478	1395.700	4199	0	29608	0.0028	-0.0009	0.0011	1.06E+07	0.383	1404.260	6199	0	27149	0.0026	-0.0008	0.0010	1.16E+07	0.397
7244.400	1202	0	22429	0.0025	-0.0007	0.0012	8.70E+06	0.505	1416.050	2199	0	29234	0.0028	-0.0009	0.0011	9.17E+06	0.478	1396.700	4199	0	29571	0.0028	-0.0009	0.0011	1.06E+07	0.381	1405.260	6200	0	27149	0.0026	-0.0008	0.0010	1.16E+07	0.396
7245.400	1199	0	22466	0.0025	-0.0007	0.0012	8.59E+06	0.505	1417.050	2200	0	29308	0.0028	-0.0009	0.0011	9.01E+06	0.474	1397.700	4199	0	29681	0.0028	-0.0009	0.0011	1.07E+07	0.380	1406.260	6199	0	27222	0.0026	-0.0008	0.0010	1.16E+07	0.396
7246.400	1201	0	22502	0.0025	-0.0007	0.0012	8.55E+06	0.506	1418.050	2200	0	29308	0.0028	-0.0009	0.0011	8.95E+06	0.474	1398.700	4202	0	29754	0.0028	-0.0009	0.0011	1.06E+07	0.380	1407.260	6199	0	27222	0.0026	-0.0008	0.0010	1.15E+07	0.394
7247.400	1201	0	22575	0.0025	-0.0007	0.0012	8.60E+06	0.512	1419.050	2199	0	29308	0.0028	-0.0009	0.0011	8.98E+06	0.477	1399.700	4199	0	29827	0.0028	-0.0009	0.0011	1.06E+07	0.380	1408.260	6201	0	27259	0.0026	-0.0008	0.0010	1.15E+07	0.394
7248.400	1199	0	22539	0.0025	-0.0007	0.0012	8.63E+06	0.519	1420.050	2202	0	29344	0.0028	-0.0009	0.0011	8.98E+06	0.481	1400.700	4199	0	29827	0.0028	-0.0009	0.0011	1.06E+07	0.377	1409.260	6200	0	27332	0.0026	-0.0008	0.0011	1.15E+07	0.396
7249.400	1200	0	22539	0.0025	-0.0007	0.0012	8.54E+06	0.521	1421.050	2199	0	29344	0.0028	-0.0009	0.0011	8.89E+06	0.478	1401.700	4199	0	29864	0.0028	-0.0009	0.0011	1.07E+07	0.379	1410.260	6200	0	27368	0.0026	-0.0008	0.0010	1.15E+07	0.396
7250.400	1198	0	22722	0.0025	-0.0007	0.0012	8.60E+06	0.525	1422.050	2199	0	29418	0.0028	-0.0009	0.0011	8.74E+06	0.472	1402.700	4201	0	29900	0.0028	-0.0009	0.0011	1.07E+07	0.380	1411.260	6199	0	27442	0.0026	-0.0008	0.0010	1.14E+07	0.393
7251.400	1201	0	22722	0.0025	-0.0007	0.0012	8.51E+06	0.525	1423.040	2201	0	29491	0.0028	-0.0009	0.0011	8.66E+06	0.474	1403.700	4201	0	29937	0.0029	-0.0009	0.0011	1.07E+07	0.382	1412.260	6201	0	27442	0.0026	-0.0008	0.0010	1.15E+07	0.394
7252.400	1200	0	22722	0.0025	-0.0007	0.0012	8.48E+06	0.526	1424.040	2199	0	29491	0.0028	-0.0009	0.0011	8.57E+06	0.472	1404.700	4200	0	30047	0.0029	-0.0009	0.0011	1.08E+07	0.385	1413.260	6200	0	27551	0.0026	-0.0008	0.0010	1.14E+07	0.396
7253.400	1201	0	22758	0.0025	-0.0007	0.0012	8.56E+06	0.533	1425.040	2200	0	29491	0.0028	-0.0009	0.0011	8.61E+06	0.474	1405.700	4201	0	30010	0.0029	-0.0009	0.0011	1.09E+07	0.385	1414.260	6199	0	27551	0.0026	-0.0008	0.0011	1.15E+07	0.397
7254.400	1200	0	22831	0.0025	-0.0007	0.0012	8.28E+06	0.533	1426.040	2201	0	29527	0.0028	-0.0009	0.0011	8.58E+06	0.476	1406.700	4201	0	30157	0.0029	-0.0009	0.0011	1.09E+07	0.389	1415.260	6201	0	27625	0.0026	-0.0008	0.0011	1.15E+07	0.400
7255.400	1200	0	22831	0.0026	-0.0007	0.0012	8.24E+06	0.534	1427.040	2200	0	29600	0.0028	-0.0009	0.0011	8.53E+06	0.478	1407.690	4200	0	30230	0.0029	-0.0009	0.0011	1.10E+07	0.389	1416.260	6199	0	27661	0.0026	-0.0008	0.0010	1.15E+07	0.399
7256.400	1199	0	22868	0.0026	-0.0007	0.0012	8.19E+06	0.533	1428.040	2201	0	29674	0.0028	-0.0009	0.0011	8.55E+06	0.484	1408.690	4198	0	30230	0.0029	-0.0009	0.0011	1.09E+07	0.384	1417.260	6200	0	27625	0.0026	-0.0008	0.0010	1.14E+07	0.397
7257.400	1200	0	22905	0.0026	-0.0007	0.0012	8.11E+06	0.532	1429.040	2201	0	29674	0.0028	-0.0009	0.0011	8.54E+06	0.489	1409.690	4201	0	30340	0.0029	-0.0009	0.0011	1.08E+07	0.382	1418.260	6200	0	27698	0.0026	-0.0008	0.0010	1.14E+07	0.398
7258.400	1200	0	22941	0.0026	-0.0007	0.0012	8.01E+06	0.531	1430.040	2201	0	29674	0.0029	-0.0009	0.0011	8.48E+06	0.486	1410.690	4201	0	30340	0.0029	-0.0009	0.0011	1.08E+07	0.380	1419.260	6198	0	27734	0.0026	-0.0008	0.0011	1.14E+07	0.396
7259.400	1200	0	23014	0.0026	-0.0007	0.0011	8.05E+06	0.539	1431.040	2200	0	29710	0.0029	-0.0009	0.0011	8.46E+06	0.487	1411.690	4200	0	30413	0.0029	-0.0009	0.0011	1.09E+07	0.382	1420.260	6199	0	27771	0.0027	-0.0008	0.0011	1.15E+07	0.401
7260.400	1199	0	23014	0.0026	-0.0007	0.0012	8.04E+06	0.542	1432.040	2201	0	29783	0.0028	-0.0009	0.0011	8.45E+06	0.491	1412.690	4204	0	30449	0.0029	-0.0009	0.0011	1.08E+07	0.380	1421.260	6199	0	27881	0.0026	-0.0008	0.0010	1.15E+07	0.402
7261.400	1199	0	23088	0.0026	-0.0007	0.0012	8.04E+06	0.545	1433.040	2200	0	29857	0.0029	-0.0009	0.0011	8.47E+06	0.495	1413.690	4200	0	30523	0.0029	-0.0009	0.0011	1.08E+07	0.379	1422.260	6199	0	27881	0.0026	-0.0008	0.0010	1.15E+07	0.405
7262.400	1200	0	23124	0.0026	-0.0007	0.0012	8.10E+06	0.551	1434.040	2201	0	29857	0.0029	-0.0009	0.0011	8.56E+06	0.502	1414.690	4199	0	30559	0.0029	-0.0009	0.0011	1.08E+07	0.380	1423.250	6200	0	27881	0.0027	-0.0008	0.0011	1.15E+07	0.405
7263.400	1201	0	23124	0.0026	-0.0007	0.0012	7.97E+06	0.547	1435.040	2201	0	29857	0.0029	-0.0009	0.0011	8.59E+06	0.506	1415.690	4199	0	30596	0.0029	-0.0009	0.0011	1.08E+07	0.379	1424.250	6201	0	27991	0.0027	-0.0008	0.0010	1.16E+07	0.408
7264.400	1201	0	23161	0.0026	-0.0007	0.0011	7.95E+06	0.547	1436.040	2201	0	29893	0.0029	-0.0009	0.0011	8.57E+06	0.507	1416.690	4202	0	30669	0.0029	-0.0009	0.0011	1.07E+07	0.376	1425.250	6201	0	27917	0.0026	-0.0008	0.0010	1.17E+07	0.410
7265.400	1199	0	23197	0.0026	-0.0007	0.0012	7.91E+06	0.546	1437.040	2201	0	30003	0.0029	-0.0009	0.0011	8.54E+06	0.507	1417.690	4200	0	30742	0.0029	-0.0009	0.0011	1.06E+07	0.377	1426.250	6200	0	27991	0.0027	-0.0008	0.0011	1.17E+07	0.409
7266.400	1200	0	23271	0.0026	-0.0007	0.0012	7.91E+06	0.556	1438.040	2201	0	30040	0.0029	-0.0009	0.0011	8.48E+06	0.505	1418.690	4200	0	30742	0.0029	-0.0009	0.0011	1.06E+07	0.379	1427.250	6199	0	28064	0.0027	-0.0008	0.0010	1.18E+07	0.411
7267.400	1200	0	23234	0.0026	-0.0007	0.0012	7.85E+06	0.556	1439.040	2200	0	30003	0.0029	-0.0009	0.0011	8.38E+06	0.504	1419.690	4201	0	30815	0.0029	-0.0009	0.0011	1.05E+07	0.378	1428.250	6200	0	28100	0.0027	-0.0008	0.0010	1.17E+07	0.411
7268.400	1199	0	23234	0.0026	-0.0007	0.0012	7.90E+06	0.561	1440.040	2201	0	30003	0.0029	-0.0009	0.0011	8.34E+06	0.504	1420.690	4201	0	30815	0.0029	-0.0009	0.0011	1.04E+07	0.374	1429.250	6199	0	28210	0.0027	-0.0008	0.0010	1.17E+07	0.411
7269.400	1202	0	23234	0.0026	-0.0007	0.0011	7.77E+06	0.559	1441.040	2200	0	30113	0.0029	-0.0009	0.0011	8.29E+06	0.504	1421.6																	

1468.680	4198	0	32608	0.0031	-0.0010	0.0012	1.04E+07	0.401	1477.240	6199	0	30296	0.0028	-0.0009	0.0011	1.15E+07	0.396
1469.670	4200	0	32645	0.0031	-0.0010	0.0012	1.05E+07	0.402	1478.240	6200	0	30332	0.0028	-0.0009	0.0011	1.15E+07	0.393
1470.670	4200	0	32718	0.0031	-0.0010	0.0012	1.04E+07	0.398	1479.240	6202	0	30405	0.0028	-0.0009	0.0011	1.14E+07	0.394
1471.670	4200	0	32828	0.0031	-0.0010	0.0012	1.03E+07	0.396	1480.240	6200	0	30332	0.0029	-0.0009	0.0011	1.16E+07	0.396
1472.670	4200	0	32791	0.0031	-0.0010	0.0012	1.04E+07	0.396	1481.240	6200	0	30479	0.0029	-0.0009	0.0011	1.17E+07	0.396
1473.670	4202	0	32828	0.0031	-0.0010	0.0012	1.04E+07	0.396	1482.240	6200	0	30515	0.0029	-0.0009	0.0011	1.16E+07	0.394
1474.670	4199	0	32828	0.0031	-0.0010	0.0012	1.04E+07	0.397	1483.240	6200	0	30588	0.0029	-0.0009	0.0011	1.16E+07	0.396
1475.670	4201	0	32901	0.0031	-0.0010	0.0012	1.04E+07	0.398	1484.240	6201	0	30588	0.0029	-0.0009	0.0011	1.17E+07	0.395
1476.670	4200	0	32974	0.0031	-0.0010	0.0012	1.05E+07	0.398	1485.230	6200	0	30588	0.0029	-0.0009	0.0011	1.16E+07	0.392
1477.670	4199	0	32974	0.0031	-0.0010	0.0012	1.04E+07	0.397	1486.230	6199	0	30735	0.0029	-0.0009	0.0011	1.16E+07	0.394
1478.670	4200	0	33010	0.0032	-0.0010	0.0012	1.05E+07	0.398	1487.230	6199	0	30698	0.0029	-0.0009	0.0011	1.16E+07	0.389
1479.670	4199	0	33120	0.0031	-0.0010	0.0012	1.05E+07	0.399	1488.230	6200	0	30808	0.0029	-0.0009	0.0011	1.15E+07	0.390
1480.670	4201	0	33120	0.0031	-0.0010	0.0012	1.05E+07	0.398	1489.230	6200	0	30808	0.0029	-0.0009	0.0011	1.15E+07	0.389
1481.670	4201	0	33120	0.0032	-0.0010	0.0012	1.04E+07	0.394	1490.230	6201	0	30844	0.0029	-0.0009	0.0011	1.16E+07	0.390
1482.670	4199	0	33230	0.0032	-0.0010	0.0012	1.04E+07	0.395	1491.230	6201	0	30954	0.0029	-0.0009	0.0011	1.13E+07	0.386
1483.670	4200	0	33267	0.0032	-0.0010	0.0012	1.03E+07	0.393	1492.230	6201	0	30954	0.0029	-0.0009	0.0011	1.13E+07	0.385
1484.670	4200	0	33303	0.0032	-0.0010	0.0012	1.04E+07	0.394	1493.230	6199	0	31027	0.0029	-0.0009	0.0011	1.14E+07	0.387
1485.670	4200	0	33340	0.0032	-0.0010	0.0012	1.03E+07	0.395	1494.230	6199	0	31101	0.0029	-0.0009	0.0011	1.13E+07	0.386
1486.670	4200	0	33340	0.0032	-0.0010	0.0012	1.03E+07	0.394	1495.230	6200	0	31101	0.0029	-0.0009	0.0011	1.13E+07	0.388
1487.670	4200	0	33413	0.0032	-0.0010	0.0012	1.03E+07	0.396	1496.230	6199	0	31137	0.0029	-0.0009	0.0011	1.13E+07	0.388
1488.670	4200	0	33450	0.0032	-0.0010	0.0012	1.02E+07	0.394	1497.230	6200	0	31174	0.0029	-0.0009	0.0011	1.12E+07	0.388
1489.670	4200	0	33596	0.0032	-0.0010	0.0012	1.01E+07	0.393	1498.230	6199	0	31247	0.0030	-0.0009	0.0011	1.12E+07	0.388
1490.670	4199	0	33559	0.0032	-0.0010	0.0012	1.01E+07	0.393	1499.230	6199	0	31320	0.0029	-0.0009	0.0011	1.13E+07	0.390
1491.670	4200	0	33523	0.0032	-0.0010	0.0012	1.00E+07	0.394	1500.230	6200	0	31393	0.0029	-0.0009	0.0011	1.13E+07	0.391
1492.670	4200	0	33633	0.0032	-0.0010	0.0012	1.00E+07	0.394	1501.230	6199	0	31466	0.0029	-0.0009	0.0011	1.14E+07	0.393
1493.670	4200	0	33706	0.0032	-0.0010	0.0012	1.01E+07	0.395	1502.230	6199	0	31466	0.0029	-0.0009	0.0011	1.14E+07	0.394
1494.670	4200	0	33742	0.0032	-0.0010	0.0012	1.00E+07	0.396	1503.230	6200	0	31503	0.0030	-0.0009	0.0011	1.14E+07	0.395
1495.670	4199	0	33779	0.0032	-0.0010	0.0012	1.00E+07	0.398	1504.230	6201	0	31576	0.0030	-0.0009	0.0011	1.14E+07	0.397
1496.670	4200	0	33779	0.0032	-0.0010	0.0012	1.00E+07	0.399	1505.230	6200	0	31613	0.0030	-0.0009	0.0011	1.16E+07	0.402
1497.670	4200	0	33852	0.0032	-0.0010	0.0012	1.00E+07	0.399	1506.230	6201	0	31723	0.0030	-0.0009	0.0011	1.14E+07	0.401
1498.670	4199	0	33815	0.0032	-0.0010	0.0012	9.98E+06	0.400	1507.230	6200	0	31686	0.0030	-0.0009	0.0011	1.13E+07	0.397
1499.670	4200	0	33925	0.0032	-0.0010	0.0012	9.97E+06	0.402	1508.230	6199	0	31723	0.0030	-0.0009	0.0011	1.13E+07	0.399
1500.670	4200	0	34035	0.0032	-0.0010	0.0012	9.94E+06	0.404	1509.230	6201	0	31759	0.0030	-0.0009	0.0011	1.13E+07	0.401
1501.660	4200	0	34035	0.0032	-0.0010	0.0012	9.91E+06	0.404	1510.230	6199	0	31832	0.0030	-0.0009	0.0011	1.14E+07	0.404
1502.660	4200	0	34072	0.0033	-0.0010	0.0012	9.88E+06	0.405	1511.230	6200	0	31832	0.0030	-0.0009	0.0011	1.13E+07	0.405
1503.660	4200	0	34145	0.0032	-0.0010	0.0012	9.85E+06	0.403	1512.230	6199	0	31906	0.0030	-0.0009	0.0011	1.12E+07	0.405
1504.660	4197	0	34145	0.0033	-0.0010	0.0012	9.77E+06	0.401	1513.230	6201	0	31906	0.0030	-0.0009	0.0011	1.12E+07	0.409
1505.660	4199	0	34181	0.0033	-0.0010	0.0012	9.86E+06	0.403	1514.230	6199	0	32015	0.0030	-0.0009	0.0011	1.10E+07	0.405
1506.660	4202	0	34291	0.0033	-0.0010	0.0012	9.87E+06	0.407	1515.230	6200	0	32052	0.0030	-0.0009	0.0011	1.07E+07	0.401
1507.660	4199	0	34328	0.0033	-0.0010	0.0012	9.77E+06	0.406	1516.230	6201	0	32052	0.0030	-0.0009	0.0011	1.06E+07	0.399
1508.660	4200	0	34364	0.0033	-0.0010	0.0012	9.78E+06	0.408	1517.220	6199	0	32125	0.0030	-0.0009	0.0011	1.07E+07	0.402
1509.660	4200	0	34437	0.0033	-0.0010	0.0012	9.84E+06	0.412	1518.220	6200	0	32125	0.0030	-0.0009	0.0011	1.06E+07	0.402
1510.660	4200	0	34364	0.0033	-0.0010	0.0012	9.85E+06	0.413	1519.220	6199	0	32162	0.0030	-0.0009	0.0011	1.06E+07	0.404
1511.660	4201	0	34401	0.0033	-0.0010	0.0012	9.87E+06	0.415	1520.220	6199	0	32162	0.0030	-0.0010	0.0011	1.06E+07	0.403
1512.660	4198	0	34437	0.0033	-0.0010	0.0012	9.81E+06	0.417	1521.220	6201	0	32271	0.0030	-0.0010	0.0011	1.04E+07	0.396
1513.660	4199	0	34474	0.0033	-0.0010	0.0012	9.79E+06	0.417	1522.220	6199	0	32345	0.0030	-0.0010	0.0011	1.04E+07	0.399
1514.660	4200	0	34584	0.0033	-0.0010	0.0012	9.82E+06	0.421	1523.220	6199	0	32381	0.0030	-0.0010	0.0011	1.03E+07	0.397
1515.660	4201	0	34584	0.0033	-0.0010	0.0012	9.84E+06	0.418	1524.220	6199	0	32381	0.0030	-0.0010	0.0011	1.02E+07	0.398
1516.660	4199	0	34620	0.0033	-0.0010	0.0012	9.75E+06	0.417	1525.220	6199	0	32491	0.0030	-0.0010	0.0011	1.02E+07	0.400
1517.660	4200	0	34694	0.0033	-0.0010	0.0012	9.65E+06	0.417	1526.220	6204	0	32528	0.0030	-0.0010	0.0011	1.03E+07	0.401
1518.660	4201	0	34767	0.0033	-0.0010	0.0012	9.61E+06	0.417	1527.220	6200	0	32564	0.0030	-0.0010	0.0011	1.01E+07	0.399
1519.660	4199	0	34767	0.0033	-0.0010	0.0012	9.64E+06	0.418	1528.220	6201	0	32528	0.0031	-0.0010	0.0011	1.01E+07	0.396
1520.660	4201	0	34803	0.0033	-0.0010	0.0012	9.61E+06	0.419	1529.220	6200	0	32601	0.0031	-0.0010	0.0011	1.01E+07	0.393
1521.660	4199	0	34877	0.0033	-0.0011	0.0012	9.62E+06	0.420	1530.220	6199	0	32674	0.0030	-0.0010	0.0011	1.00E+07	0.391
1522.660	4200	0	34913	0.0033	-0.0011	0.0012	9.59E+06	0.422	1531.220	6200	0	32674	0.0031	-0.0010	0.0011	1.01E+07	0.394
1523.660	4198	0	34913	0.0033	-0.0011	0.0012	9.57E+06	0.421	1532.220	6200	0	32747	0.0031	-0.0010	0.0011	1.03E+07	0.395
1524.660	4200	0	34986	0.0033	-0.0011	0.0012	9.52E+06	0.423	1533.220	6200	0	32784	0.0031	-0.0010	0.0011	1.01E+07	0.391
1525.660	4201	0	34986	0.0033	-0.0011	0.0012	9.52E+06	0.424	1534.220	6200	0	32857	0.0031	-0.0010	0.0011	1.02E+07	0.391
1526.660	4200	0	35023	0.0034	-0.0011	0.0012	9.53E+06	0.425	1535.220	6200	0	32893	0.0031	-0.0010	0.0011	1.02E+07	0.390
1527.660	4199	0	35060	0.0034	-0.0011	0.0012	9.49E+06	0.426	1536.220	6201	0	32857	0.0031	-0.0010	0.0011	1.02E+07	0.389
1528.660	4200	0	35096	0.0034	-0.0011	0.0012	9.42E+06	0.426	1537.220	6199	0	32857	0.0031	-0.0010	0.0011	1.02E+07	0.389
1529.660	4201	0	35169	0.0034	-0.0011	0.0012	9.46E+06	0.428	1538.220	6199	0	32930	0.0031	-0.0010	0.0011	1.02E+07	0.385
1530.660	4202	0	35279	0.0034	-0.0011	0.0012	9.46E+06	0.432	1539.220	6199	0	32930	0.0031	-0.0010	0.0011	1.01E+07	0.382
1531.660	4199	0	35242	0.0034	-0.0011	0.0012	9.40E+06	0.433	1540.220	6199	0	33003	0.0031	-0.0010	0.0012	1.02E+07	0.385
1532.650	4200	0	35242	0.0034	-0.0011	0.001											

1547.650	4200	0	35828	0.0034	-0.0011	0.0012	9.22E+06	0.454	1556.210	6201	0	33698	0.0032	-0.0010	0.0011	1.07E+07	0.392
1548.650	4200	0	35901	0.0034	-0.0011	0.0012	9.18E+06	0.454	1557.210	6201	0	33808	0.0032	-0.0010	0.0011	1.06E+07	0.389
1549.650	4200	0	35901	0.0034	-0.0011	0.0012	9.11E+06	0.454	1558.210	6200	0	33772	0.0032	-0.0010	0.0012	1.05E+07	0.385
1550.650	4200	0	35974	0.0034	-0.0011	0.0012	9.16E+06	0.456	1559.210	6200	0	33918	0.0032	-0.0010	0.0011	1.06E+07	0.386
1551.650	4200	0	36011	0.0035	-0.0011	0.0012	9.44E+06	0.450	1560.210	6202	0	33808	0.0032	-0.0010	0.0012	1.06E+07	0.388
1552.650	4199	0	35974	0.0035	-0.0011	0.0012	9.62E+06	0.449	1561.210	6199	0	33954	0.0032	-0.0010	0.0011	1.07E+07	0.389
1553.650	4202	0	36047	0.0035	-0.0011	0.0012	9.77E+06	0.451	1562.210	6199	0	33991	0.0032	-0.0010	0.0012	1.07E+07	0.390
1554.650	4200	0	36084	0.0035	-0.0011	0.0012	9.74E+06	0.452	1563.210	6201	0	34028	0.0032	-0.0010	0.0012	1.06E+07	0.388
1555.650	4201	0	36121	0.0035	-0.0011	0.0012	9.74E+06	0.453	1564.210	6199	0	34137	0.0032	-0.0010	0.0012	1.07E+07	0.391
1556.650	4200	0	36121	0.0035	-0.0011	0.0012	9.62E+06	0.453	1565.210	6200	0	34137	0.0032	-0.0010	0.0011	1.06E+07	0.390
1557.650	4200	0	36194	0.0035	-0.0011	0.0012	9.53E+06	0.455	1566.210	6199	0	34137	0.0032	-0.0010	0.0012	1.04E+07	0.386
1558.650	4200	0	36230	0.0035	-0.0011	0.0012	9.47E+06	0.455	1567.210	6199	0	34211	0.0032	-0.0010	0.0012	1.04E+07	0.385
1559.650	4200	0	36230	0.0035	-0.0011	0.0013	9.41E+06	0.457	1568.210	6199	0	34247	0.0032	-0.0010	0.0012	1.05E+07	0.389
1560.650	4201	0	36304	0.0035	-0.0011	0.0012	9.39E+06	0.462	1569.210	6200	0	34247	0.0032	-0.0010	0.0012	1.04E+07	0.388
1561.650	4199	0	36304	0.0035	-0.0011	0.0012	9.41E+06	0.464	1570.210	6200	0	34394	0.0032	-0.0010	0.0012	1.04E+07	0.390
1562.650	4199	0	36377	0.0035	-0.0011	0.0012	9.44E+06	0.465	1571.210	6200	0	34394	0.0032	-0.0010	0.0012	1.05E+07	0.391
1563.640	4199	0	36450	0.0035	-0.0011	0.0012	9.44E+06	0.466	1572.210	6202	0	34430	0.0032	-0.0010	0.0011	1.04E+07	0.387
1564.640	4200	0	36377	0.0035	-0.0011	0.0012	9.45E+06	0.466	1573.210	6199	0	34430	0.0032	-0.0010	0.0012	1.05E+07	0.388
1565.640	4200	0	36450	0.0035	-0.0011	0.0012	9.52E+06	0.469	1574.210	6199	0	34503	0.0032	-0.0010	0.0012	1.05E+07	0.388
1566.640	4198	0	36450	0.0035	-0.0011	0.0012	9.53E+06	0.468	1575.210	6200	0	34503	0.0032	-0.0010	0.0011	1.05E+07	0.392
1567.640	4201	0	36486	0.0035	-0.0011	0.0012	9.51E+06	0.468	1576.210	6199	0	34577	0.0033	-0.0010	0.0012	1.06E+07	0.396
1568.640	4200	0	36523	0.0035	-0.0011	0.0012	9.49E+06	0.466	1577.210	6199	0	34650	0.0032	-0.0010	0.0012	1.07E+07	0.397
1569.640	4200	0	36560	0.0035	-0.0011	0.0012	9.48E+06	0.465	1578.210	6199	0	34650	0.0032	-0.0010	0.0012	1.06E+07	0.397
1570.640	4199	0	36633	0.0035	-0.0011	0.0012	9.50E+06	0.465	1579.200	6200	0	34686	0.0032	-0.0010	0.0012	1.06E+07	0.394
1571.640	4199	0	36669	0.0035	-0.0011	0.0013	9.49E+06	0.465	1580.200	6199	0	34723	0.0032	-0.0010	0.0012	1.07E+07	0.395
1572.640	4199	0	36706	0.0035	-0.0011	0.0013	9.54E+06	0.466	1581.200	6200	0	34833	0.0033	-0.0010	0.0012	1.05E+07	0.393
1573.640	4199	0	36706	0.0035	-0.0011	0.0013	9.54E+06	0.466	1582.200	6199	0	34833	0.0033	-0.0010	0.0012	1.06E+07	0.394
1574.640	4199	0	36743	0.0035	-0.0011	0.0013	9.54E+06	0.465	1583.200	6199	0	34869	0.0033	-0.0010	0.0012	1.07E+07	0.392
1575.640	4198	0	36962	0.0035	-0.0011	0.0012	9.54E+06	0.465	1584.200	6200	0	34906	0.0033	-0.0011	0.0012	1.05E+07	0.388
1576.640	4200	0	37804	0.0036	-0.0012	0.0013	9.56E+06	0.466	1585.200	6199	0	34942	0.0033	-0.0011	0.0012	1.06E+07	0.390
1577.640	4202	0	38023	0.0036	-0.0012	0.0013	9.58E+06	0.465	1586.200	6199	0	34979	0.0033	-0.0011	0.0012	1.06E+07	0.391
1578.640	4201	0	38096	0.0037	-0.0012	0.0013	9.56E+06	0.465	1587.200	6202	0	35016	0.0033	-0.0011	0.0012	1.03E+07	0.386
1579.640	4201	0	37950	0.0037	-0.0012	0.0013	9.55E+06	0.464	1588.200	6202	0	35089	0.0033	-0.0011	0.0012	1.03E+07	0.386
1580.640	4199	0	37950	0.0037	-0.0012	0.0013	9.54E+06	0.463	1589.200	6199	0	35125	0.0033	-0.0011	0.0012	1.01E+07	0.385
1581.640	4201	0	37840	0.0037	-0.0012	0.0013	9.55E+06	0.465	1590.200	6201	0	35199	0.0033	-0.0011	0.0012	9.78E+06	0.382
1582.640	4198	0	37840	0.0037	-0.0012	0.0013	9.52E+06	0.464	1591.200	6199	0	35125	0.0033	-0.0011	0.0012	9.56E+06	0.383
1583.640	4201	0	37913	0.0037	-0.0012	0.0013	9.54E+06	0.465	1592.200	6200	0	35235	0.0033	-0.0011	0.0012	9.43E+06	0.384
1584.640	4199	0	37840	0.0037	-0.0012	0.0012	9.54E+06	0.464	1593.200	6200	0	35272	0.0033	-0.0011	0.0012	9.51E+06	0.378
1585.640	4201	0	37767	0.0037	-0.0012	0.0012	9.47E+06	0.462	1594.200	6198	0	35308	0.0033	-0.0011	0.0012	9.73E+06	0.376
									1595.200	6199	0	35345	0.0033	-0.0011	0.0012	9.89E+06	0.374
									1596.200	6200	0	35455	0.0033	-0.0011	0.0012	9.90E+06	0.375
									1597.200	6202	0	35455	0.0033	-0.0011	0.0012	9.89E+06	0.374
									1598.200	6201	0	35528	0.0033	-0.0011	0.0012	9.91E+06	0.375
									1599.200	6200	0	35601	0.0033	-0.0011	0.0012	9.86E+06	0.378
									1600.200	6201	0	35601	0.0033	-0.0011	0.0012	9.85E+06	0.378
									1601.200	6199	0	35638	0.0033	-0.0011	0.0012	9.89E+06	0.382
									1602.200	6199	0	35674	0.0033	-0.0011	0.0012	9.76E+06	0.378
									1603.200	6200	0	35711	0.0033	-0.0011	0.0012	9.81E+06	0.377
									1604.200	6199	0	35747	0.0033	-0.0011	0.0012	9.91E+06	0.380
									1605.200	6199	0	35784	0.0034	-0.0011	0.0012	1.00E+07	0.384
									1606.200	6201	0	35857	0.0034	-0.0011	0.0012	1.02E+07	0.386
									1607.200	6202	0	35967	0.0034	-0.0011	0.0012	1.02E+07	0.385
									1608.200	6200	0	36113	0.0034	-0.0011	0.0012	1.02E+07	0.384
									1609.200	6199	0	36113	0.0034	-0.0011	0.0012	1.03E+07	0.385
									1610.190	6200	0	36113	0.0034	-0.0011	0.0012	1.04E+07	0.386
									1611.190	6199	0	36077	0.0034	-0.0011	0.0012	1.04E+07	0.389
									1612.190	6200	0	36004	0.0034	-0.0011	0.0012	1.05E+07	0.390
									1613.190	6201	0	35967	0.0034	-0.0011	0.0012	1.06E+07	0.392
									1614.190	6199	0	35784	0.0034	-0.0011	0.0012	1.06E+07	0.391
									1615.190	6199	0	35711	0.0034	-0.0011	0.0012	1.07E+07	0.393
									1616.190	6200	0	35638	0.0034	-0.0011	0.0012	1.08E+07	0.395
									1617.190	6200	0	35857	0.0034	-0.0011	0.0012	1.08E+07	0.396
									1618.190	6199	0	36772	0.0034	-0.0011	0.0012	1.09E+07	0.396
									1619.190	6199	0	37138	0.0035	-0.0011	0.0012	1.09E+07	0.399
									1620.190	6199	0	37248	0.0035	-0.0011	0.0012	1.09E+07	0.398
									1621.190	6200	0	37065	0.0035	-0.0011	0.0012	1.10E+07	0.400
									1622.190	6200	0	37028	0.0035	-0.0011	0.0012	1.11E+07	0.403
									1623.190	6199	0	36991	0.0035	-0.0011	0.0012	1.11E+07	0.401
									1624.190	6199	0	36918	0.0035	-0.0011	0.0012	1.12E+07	0.403
									1625.190	6200	0	36955	0.0035	-0.0011	0.0012	1.13E+07	0.405
									1626.190	6201	0	36955	0.0035	-0.0011	0.0012	1.13E+07	0.405
									1627.190	6199	0	36991	0.0035	-0.0011	0.0012	1.14E+07	0.406
									1628.190	6200	0	37138	0.0035	-0.0011	0.0012	1.15E+07	0.408
									1629.190	6201	0	37248	0.0035	-0.0011	0.0012	1.17E+07	0.412
									1630.190	6201	0	37357	0.0035	-0.0011	0.0012	1.18E+07	0.411
									1631.								

1635.190	6202	0	37577	0.0035	-0.0011	0.0012	1.23E+07	0.412
1636.190	6201	0	37650	0.0035	-0.0012	0.0012	1.25E+07	0.416
1637.190	6199	0	37650	0.0035	-0.0012	0.0012	1.27E+07	0.420
1638.190	6200	0	37687	0.0035	-0.0012	0.0012	1.24E+07	0.415
1639.190	6200	0	37760	0.0035	-0.0012	0.0012	1.24E+07	0.416
1640.190	6201	0	37796	0.0035	-0.0012	0.0012	1.22E+07	0.415
1641.190	6201	0	37833	0.0035	-0.0012	0.0012	1.19E+07	0.416
1642.180	6201	0	37833	0.0035	-0.0012	0.0012	1.15E+07	0.417
1643.180	6199	0	37870	0.0035	-0.0012	0.0012	1.11E+07	0.417
1644.180	6199	0	37906	0.0035	-0.0012	0.0012	1.11E+07	0.416
1645.180	6199	0	37979	0.0036	-0.0012	0.0012	1.12E+07	0.414
1646.180	6199	0	38016	0.0035	-0.0012	0.0012	1.12E+07	0.413
1647.180	6199	0	38016	0.0036	-0.0012	0.0012	1.12E+07	0.412
1648.180	6201	0	38016	0.0036	-0.0012	0.0012	1.11E+07	0.409
1649.180	6200	0	38126	0.0036	-0.0012	0.0012	1.10E+07	0.407
1650.180	6199	0	38089	0.0036	-0.0012	0.0012	1.08E+07	0.407
1651.180	6199	0	38199	0.0036	-0.0012	0.0012	1.07E+07	0.405
1652.180	6199	0	38199	0.0036	-0.0012	0.0012	1.05E+07	0.407
1653.180	6200	0	38272	0.0036	-0.0012	0.0012	1.03E+07	0.404
1654.180	6201	0	38345	0.0036	-0.0012	0.0012	1.02E+07	0.401
1655.180	6200	0	38345	0.0036	-0.0012	0.0012	1.01E+07	0.403
1656.180	6199	0	38382	0.0036	-0.0012	0.0012	1.01E+07	0.405
1657.180	6200	0	38345	0.0036	-0.0012	0.0012	1.01E+07	0.405
1658.180	6199	0	38382	0.0036	-0.0012	0.0012	9.90E+06	0.399
1659.180	6200	0	38491	0.0036	-0.0012	0.0012	9.84E+06	0.396
1660.180	6200	0	38528	0.0036	-0.0012	0.0012	9.83E+06	0.397
1661.180	6199	0	38565	0.0036	-0.0012	0.0012	9.75E+06	0.395
1662.180	6201	0	38565	0.0036	-0.0012	0.0012	9.71E+06	0.395
1663.180	6199	0	38601	0.0036	-0.0012	0.0012	9.70E+06	0.396
1664.180	6202	0	38674	0.0036	-0.0012	0.0012	9.71E+06	0.398
1665.180	6200	0	38674	0.0036	-0.0012	0.0012	9.77E+06	0.400
1666.180	6200	0	38711	0.0036	-0.0012	0.0012	9.73E+06	0.398
1667.180	6199	0	38748	0.0036	-0.0012	0.0012	9.83E+06	0.402
1668.180	6199	0	38748	0.0036	-0.0012	0.0012	9.84E+06	0.404
1669.180	6199	0	38784	0.0036	-0.0012	0.0012	9.86E+06	0.402
1670.180	6199	0	38894	0.0036	-0.0012	0.0012	9.88E+06	0.402
1671.180	6200	0	38931	0.0036	-0.0012	0.0012	9.94E+06	0.401
1672.180	6201	0	38967	0.0036	-0.0012	0.0012	1.01E+07	0.407
1673.170	6199	0	38967	0.0036	-0.0012	0.0012	1.01E+07	0.407
1674.170	6200	0	39004	0.0036	-0.0012	0.0012	1.01E+07	0.407
1675.170	6197	0	39004	0.0037	-0.0012	0.0012	1.02E+07	0.408
1676.170	6199	0	39077	0.0037	-0.0012	0.0012	1.01E+07	0.407
1677.170	6198	0	39114	0.0037	-0.0012	0.0012	1.01E+07	0.407
1678.170	6200	0	39187	0.0037	-0.0012	0.0012	1.01E+07	0.405
1679.170	6200	0	39187	0.0037	-0.0012	0.0012	1.01E+07	0.406
1680.170	6200	0	39150	0.0037	-0.0012	0.0012	1.01E+07	0.404
1681.170	6202	0	39223	0.0037	-0.0012	0.0013	1.00E+07	0.401
1682.170	6200	0	39297	0.0037	-0.0012	0.0012	1.00E+07	0.401
1683.170	6199	0	39260	0.0037	-0.0012	0.0013	1.00E+07	0.401
1684.170	6200	0	39370	0.0037	-0.0012	0.0013	1.00E+07	0.400
1685.170	6199	0	39333	0.0037	-0.0012	0.0013	1.00E+07	0.401
1686.170	6199	0	39370	0.0037	-0.0012	0.0013	1.00E+07	0.402
1687.170	6200	0	39406	0.0037	-0.0012	0.0013	1.00E+07	0.405
1688.170	6201	0	39516	0.0037	-0.0012	0.0013	9.93E+06	0.403
1689.170	6199	0	39516	0.0037	-0.0012	0.0012	9.89E+06	0.401
1690.170	6199	0	39589	0.0037	-0.0012	0.0013	9.83E+06	0.401
1691.170	6199	0	39589	0.0037	-0.0012	0.0013	9.75E+06	0.402
1692.170	6200	0	39626	0.0037	-0.0012	0.0013	9.73E+06	0.403
1693.170	6199	0	39699	0.0037	-0.0012	0.0013	9.59E+06	0.402
1694.170	6199	0	39772	0.0037	-0.0012	0.0013	9.58E+06	0.402
1695.170	6200	0	39809	0.0037	-0.0012	0.0013	9.55E+06	0.406
1696.170	6200	0	39918	0.0037	-0.0012	0.0013	9.42E+06	0.405
1697.170	6201	0	39882	0.0037	-0.0012	0.0012	9.42E+06	0.406
1698.170	6199	0	39882	0.0037	-0.0012	0.0013	9.45E+06	0.409
1699.170	6201	0	39992	0.0037	-0.0012	0.0013	9.43E+06	0.409
1700.170	6200	0	40028	0.0037	-0.0012	0.0013	9.43E+06	0.409
1701.170	6199	0	40028	0.0038	-0.0012	0.0013	9.37E+06	0.409
1702.170	6200	0	40138	0.0038	-0.0012	0.0013	9.35E+06	0.409
1703.170	6201	0	40138	0.0038	-0.0012	0.0013	9.43E+06	0.415
1704.160	6200	0	40065	0.0038	-0.0012	0.0013	9.43E+06	0.415
1705.160	6199	0	40175	0.0038	-0.0013	0.0013	9.43E+06	0.417
1706.160	6201	0	40175	0.0038	-0.0013	0.0013	9.37E+06	0.417
1707.160	6199	0	40248	0.0038	-0.0013	0.0013	9.29E+06	0.413
1708.160	6200	0	40284	0.0038	-0.0013	0.0013	9.26E+06	0.414
1709.160	6200	0	40321	0.0038	-0.0013	0.0013	9.17E+06	0.411
1710.160	6199	0	40358	0.0038	-0.0013	0.0013	9.15E+06	0.411
1711.160	6199	0	40358	0.0038	-0.0013	0.0013	9.13E+06	0.413
1712.160	6199	0	40394	0.0038	-0.0013	0.0013	9.08E+06	0.412
1713.160	6200	0	40431	0.0038	-0.0013	0.0013	9.03E+06	0.414

1714.160	6200	0	40504	0.0038	-0.0013	0.0013	9.03E+06	0.415
1715.160	6201	0	40504	0.0038	-0.0013	0.0013	9.03E+06	0.417
1716.160	6199	0	40504	0.0038	-0.0013	0.0013	9.08E+06	0.421
1717.160	6199	0	40504	0.0038	-0.0013	0.0013	9.07E+06	0.421
1718.160	6199	0	40504	0.0038	-0.0013	0.0013	9.12E+06	0.425
1719.160	6199	0	40650	0.0038	-0.0013	0.0013	9.16E+06	0.428
1720.160	6200	0	40687	0.0038	-0.0013	0.0013	9.21E+06	0.427
1721.160	6202	0	40614	0.0038	-0.0013	0.0013	9.23E+06	0.427
1722.160	6199	0	40724	0.0038	-0.0013	0.0013	9.32E+06	0.428
1723.160	6200	0	40724	0.0038	-0.0013	0.0013	9.36E+06	0.432
1724.160	6201	0	40833	0.0038	-0.0013	0.0013	9.35E+06	0.431
1725.160	6201	0	40870	0.0039	-0.0013	0.0013	9.47E+06	0.432
1726.160	6200	0	40870	0.0039	-0.0013	0.0013	9.60E+06	0.436
1727.160	6201	0	40943	0.0039	-0.0013	0.0013	9.57E+06	0.436
1728.160	6200	0	41016	0.0038	-0.0013	0.0013	9.65E+06	0.437
1729.160	6202	0	41016	0.0039	-0.0013	0.0013	9.67E+06	0.434
1730.160	6200	0	41053	0.0039	-0.0013	0.0013	9.67E+06	0.436
1731.160	6199	0	41089	0.0039	-0.0013	0.0013	9.70E+06	0.437
1732.160	6200	0	41163	0.0039	-0.0013	0.0013	9.60E+06	0.434
1733.160	6199	0	41163	0.0039	-0.0013	0.0013	9.59E+06	0.433
1734.160	6199	0	41199	0.0039	-0.0013	0.0013	9.71E+06	0.437
1735.160	6201	0	41236	0.0039	-0.0013	0.0013	9.71E+06	0.435
1736.150	6199	0	41309	0.0039	-0.0013	0.0013	9.80E+06	0.437
1737.150	6202	0	41345	0.0039	-0.0013	0.0013	9.75E+06	0.438
1738.150	6199	0	41345	0.0039	-0.0013	0.0013	9.69E+06	0.435
1739.150	6199	0	41382	0.0039	-0.0013	0.0013	9.56E+06	0.433
1740.150	6199	0	41419	0.0039	-0.0013	0.0013	9.63E+06	0.434
1741.150	6200	0	41455	0.0039	-0.0013	0.0013	9.67E+06	0.435
1742.150	6199	0	41528	0.0039	-0.0013	0.0013	9.60E+06	0.436
1743.150	6201	0	41565	0.0039	-0.0013	0.0013	9.56E+06	0.438
1744.150	6200	0	41602	0.0039	-0.0013	0.0013	9.48E+06	0.438
1745.150	6200	0	41638	0.0039	-0.0013	0.0013	9.55E+06	0.442
1746.150	6201	0	41638	0.0039	-0.0013	0.0013	9.45E+06	0.441
1747.150	6200	0	41675	0.0039	-0.0013	0.0013	9.36E+06	0.441
1748.150	6200	0	41711	0.0039	-0.0013	0.0013	9.29E+06	0.441
1749.150	6199	0	41748	0.0039	-0.0013	0.0013	9.34E+06	0.448
1750.150	6199	0	41821	0.0039	-0.0013	0.0013	9.31E+06	0.450
1751.150	6199	0	41894	0.0039	-0.0013	0.0013	9.26E+06	0.451
1752.150	6201	0	41821	0.0040	-0.0013	0.0013	9.19E+06	0.450
1753.150	6199	0	41858	0.0040	-0.0013	0.0013	9.18E+06	0.449
1754.150	6199	0	41967	0.0040	-0.0013	0.0013	9.29E+06	0.456
1755.150	6200	0	41967	0.0040	-0.0013	0.0013	9.25E+06	0.454
1756.150	6199	0	41967	0.0040	-0.0013	0.0013	9.29E+06	0.457
1757.150	6199	0	41967	0.0040	-0.0013	0.0013	9.27E+06	0.455
1758.150	6199	0	42077	0.0040	-0.0013	0.0013	9.24E+06	0.452
1759.150	6202	0	42150	0.0040	-0.0013	0.0013	9.17E+06	0.452
1760.150	6200	0	42150	0.0040	-0.0013	0.0013	9.14E+06	0.452
1761.150	6201	0	42224	0.0040	-0.0013	0.0013	9.20E+06	0.454
1762.150	6199	0	42150	0.0040	-0.0013	0.0013	9.12E+06	0.455
1763.150	6201	0	42224	0.0040	-0.0013	0.0013	9.08E+06	0.455
1764.150	6199	0	42224	0.0040	-0.0014	0.0013	9.08E+06	0.455
1765.150	6199	0	42370	0.0040	-0.0014	0.0013	9.08E+06	0.459
1766.150	6199	0	42407	0.0040	-0.0014	0.0013	9.04E+06	0.459
1767.140	6200	0	42407	0.0040	-0.0014	0.0013	9.02E+06	0.459
1768.140	6200	0	42407	0.0040	-0.0014	0.0013	9.10E+06	0.463
1769.140	6202	0	42480	0.0040	-0.0014	0.0013	9.13E+06	0.468
1770.140	6199	0	42516	0.0040	-0.0014	0.0013	9.18E+06	0.472
1771.140	6199	0	42480	0.0040	-0.0014	0.0013	9.16E+06	0.470
1772.140	6200	0	42590	0.0040	-0.0014	0.0013	9.18E+06	0.473
1773.140	6200	0	42590	0.0040	-0.0014	0.0013	9.19E+06	0.475
1774.140	6200	0	42663	0.0040	-0.0014	0.0013	9.09E+06	0.472
1775.140	6199	0	42663	0.0040	-0.0014	0.0013	9.04E+06	0.472
1776.140	6199	0	42699	0.0040	-0.0014	0.0013	9.01E+06	0.468
1777.140	6199	0	42736	0.0040	-0.0014	0.0013	9.02E+06	0.471
1778.140	6199	0	42809	0.0040	-0.0014	0.0013	9.01E+06	0.473
1779.140	6199	0	42846	0.0041	-0.0014	0.0013	8.94E+06	0.471
1780.140	6200	0	42919	0.0041	-0.0014	0.0013	8.95E+06	0.471
1781.140	6200	0	42919	0.0041	-0.0014	0.0013	8.98E+06	0.476
1782.140	6201	0	42955	0.0041	-0.0014	0.0013	9.02E+06	0.479
1783.140	6199	0	42992	0.0041	-0.0014	0.0013	8.94E+06	0.479
1784.140	6199	0	43029	0.0041	-0.0014	0.0013	8.94E+06	0.481
1785.140	6199	0	43029	0.0041	-0.0014	0.0013	8.96E+06	0.482
1786.140	6200	0	43138	0.0041	-0.0014	0.0013	8.94E+06	0.483
1787.140	6199	0	43102	0.0041	-0.0014	0.0013	8.98E+06	0.485
1788.140	6201	0	43175	0.0041	-0.0014	0.0013	8.99E+06	0.489
1789.140	6200	0	43211	0.0041	-0.0014	0.0013	8.93E+06	0.488
1790.140	6201	0	43175	0.0041	-0.0014	0.0013	8.83E+06	0.487
1791.140	6199	0	43285	0.0041	-0.0014	0.0013	8.87E+06	0.491
1792.140	6201	0	43285	0.0041	-0.0014	0.0013	8.91E+06	0.495

1793.140	6199	0	43358	0.0041	-0.0014	0.0013	8.88E+06	0.495
1794.140	6199	0	43321	0.0041	-0.0014	0.0013	8.84E+06	0.498
1795.140	6200	0	43431	0.0041	-0.0014	0.0013	8.87E+06	0.501
1796.140	6200	0	43468	0.0041	-0.0014	0.0013	8.95E+06	0.507
1797.140	6201	0	43468	0.0041	-0.0014	0.0013	8.92E+06	0.509
1798.130	6200	0	43504	0.0041	-0.0014	0.0013	8.88E+06	0.510
1799.130	6199	0	43504	0.0041	-0.0014	0.0013	8.85E+06	0.512
1800.130	6199	0	43541	0.0041	-0.0014	0.0013	8.94E+06	0.520
1801.130	6199	0	43651	0.0042	-0.0014	0.0013	8.94E+06	0.522
1802.130	6200	0	43614	0.0041	-0.0014	0.0013	8.93E+06	0.527
1803.130	6202	0	43687	0.0041	-0.0014	0.0013	8.89E+06	0.527
1804.130	6200	0	43724	0.0042	-0.0014	0.0013	8.93E+06	0.530
1805.130	6199	0	43760	0.0042	-0.0014	0.0013	8.97E+06	0.534
1806.130	6199	0	43797	0.0042	-0.0014	0.0013	8.99E+06	0.535
1807.130	6199	0	43870	0.0042	-0.0014	0.0013	8.95E+06	0.537
1808.130	6199	0	43797	0.0042	-0.0014	0.0013	8.89E+06	0.535
1809.130	6199	0	43870	0.0042	-0.0014	0.0013	8.87E+06	0.535
1810.130	6199	0	43907	0.0042	-0.0014	0.0013	8.82E+06	0.534
1811.130	6203	0	43943	0.0042	-0.0014	0.0013	8.84E+06	0.537
1812.130	6199	0	43980	0.0042	-0.0014	0.0013	8.93E+06	0.541
1813.130	6199	0	44017	0.0042	-0.0014	0.0013	8.87E+06	0.539
1814.130	6200	0	44017	0.0042	-0.0014	0.0013	8.83E+06	0.539
1815.130	6199	0	44090	0.0042	-0.0015	0.0013	8.76E+06	0.534
1816.130	6199	0	44090	0.0042	-0.0015	0.0013	8.79E+06	0.539
1817.130	6199	0	44163	0.0042	-0.0015	0.0013	8.75E+06	0.538
1818.130	6200	0	44199	0.0042	-0.0015	0.0013	8.71E+06	0.537
1819.130	6199	0	44236	0.0042	-0.0015	0.0013	8.75E+06	0.542
1820.130	6202	0	44273	0.0042	-0.0015	0.0013	8.74E+06	0.543
1821.130	6200	0	44346	0.0042	-0.0015	0.0013	8.72E+06	0.544
1822.130	6199	0	44382	0.0042	-0.0015	0.0013	8.66E+06	0.542
1823.130	6198	0	44346	0.0042	-0.0015	0.0013	8.66E+06	0.543
1824.130	6201	0	44419	0.0042	-0.0015	0.0013	8.61E+06	0.542
1825.130	6199	0	44456	0.0042	-0.0015	0.0013	8.59E+06	0.540
1826.130	6199	0	44529	0.0042	-0.0015	0.0013	8.55E+06	0.538
1827.130	6201	0	44492	0.0042	-0.0015	0.0013	8.46E+06	0.533
1828.130	6200	0	44529	0.0042	-0.0015	0.0013	8.39E+06	0.533
1829.120	6200	0	44602	0.0042	-0.0015	0.0013	8.41E+06	0.534
1830.120	6199	0	44602	0.0042	-0.0015	0.0013	8.34E+06	0.532
1831.120	6199	0	44638	0.0043	-0.0015	0.0013	8.35E+06	0.533
1832.120	6199	0	44638	0.0043	-0.0015	0.0013	8.28E+06	0.532
1833.120	6199	0	44675	0.0043	-0.0015	0.0013	8.31E+06	0.532
1834.120	6199	0	44748	0.0043	-0.0015	0.0013	8.31E+06	0.534
1835.120	6199	0	44785	0.0043	-0.0015	0.0013	8.32E+06	0.535
1836.120	6199	0	44821	0.0043	-0.0015	0.0013	8.24E+06	0.533
1837.120	6199	0	44858	0.0043	-0.0015	0.0013	8.21E+06	0.533
1838.120	6202	0	44931	0.0043	-0.0015	0.0013	8.19E+06	0.530
1839.120	6201	0	44931	0.0043	-0.0015	0.0013	8.25E+06	0.535
1840.120	6199	0	44968	0.0043	-0.0015	0.0013	8.25E+06	0.537
1841.120	6199	0	45041	0.0043	-0.0015	0.0013	8.20E+06	0.537
1842.120	6199	0	45041	0.0043	-0.0015	0.0013	8.14E+06	0.539
1843.120	6200	0	45078	0.0043	-0.0015	0.0013	8.06E+06	0.541
1844.120	6199	0	45078	0.0043	-0.0015	0.0013	8.05E+06	0.541
1845.120	6200	0	45187	0.0043	-0.0015	0.0013	8.02E+06	0.539
1846.120	6200	0	45187	0.0043	-0.0015	0.0013	7.96E+06	0.538
1847.120	6199	0	45224	0.0043	-0.0015	0.0013	7.98E+06	0.540
1848.120	6201	0	45261	0.0043	-0.0015	0.0013	7.92E+06	0.541
1849.120	6198	0	45297	0.0043	-0.0015	0.0013	7.87E+06	0.541
1850.120	6200	0	45370	0.0043	-0.0015	0.0013	7.85E+06	0.542
1851.120	6199	0	45370	0.0043	-0.0015	0.0013	7.91E+06	0.544
1852.120	6199	0	45370	0.0044	-0.0015	0.0013	7.89E+06	0.543
1853.120	6200	0	45370	0.0044	-0.0015	0.0013	7.90E+06	0.545
1854.120	6201	0	45480	0.0044	-0.0015	0.0013	7.87E+06	0.546
1855.120	6202	0	45480	0.0044	-0.0015	0.0013	7.88E+06	0.549
1856.120	6199	0	45553	0.0044	-0.0015	0.0013	7.88E+06	0.551
1857.120	6199	0	45517	0.0044	-0.0015	0.0013	7.89E+06	0.554
1858.120	6199	0	45590	0.0044	-0.0015	0.0013	7.84E+06	0.554
1859.120	6200	0	45663	0.0044	-0.0016	0.0013	7.77E+06	0.554
1860.110	6199	0	45700	0.0044	-0.0016	0.0013	7.72E+06	0.552
1861.110	6202	0	45663	0.0044	-0.0016	0.0013	7.70E+06	0.553
1862.110	6201	0	45773	0.0044	-0.0016	0.0013	7.72E+06	0.555
1863.110	6201	0	45846	0.0044	-0.0016	0.0013	7.73E+06	0.560
1864.110	6199	0	45809	0.0044	-0.0016	0.0013	7.74E+06	0.559
1865.110	6199	0	45883	0.0044	-0.0016	0.0013	7.74E+06	0.561
1866.110	6201	0	45846	0.0044	-0.0016	0.0013	7.70E+06	0.560
1867.110	6199	0	45809	0.0044	-0.0016	0.0013	7.75E+06	0.563
1868.110	6201	0	45883	0.0044	-0.0016	0.0013	7.74E+06	0.564
1869.110	6200	0	45992	0.0044	-0.0016	0.0013	7.76E+06	0.567
1870.110	6199	0	46065	0.0044	-0.0016	0.0013	7.77E+06	0.571
1871.110	6199	0	46029	0.0044	-0.0016	0.0013	7.83E+06	0.574

1872.110	6199	0	46065	0.0044	-0.0016	0.0013	7.84E+06	0.574
1873.110	6200	0	46029	0.0044	-0.0016	0.0013	7.82E+06	0.576
1874.110	6199	0	46139	0.0044	-0.0016	0.0013	7.78E+06	0.575
1875.110	6199	0	46175	0.0045	-0.0016	0.0013	7.82E+06	0.577
1876.110	6199	0	46285	0.0045	-0.0016	0.0013	7.90E+06	0.580
1877.110	6199	0	46285	0.0045	-0.0016	0.0013	7.96E+06	0.585
1878.110	6201	0	46285	0.0045	-0.0016	0.0013	7.92E+06	0.586
1879.110	6201	0	46322	0.0045	-0.0016	0.0013	7.95E+06	0.591
1880.110	6200	0	46322	0.0045	-0.0016	0.0013	7.94E+06	0.593
1881.110	6199	0	46395	0.0045	-0.0016	0.0013	7.93E+06	0.597
1882.110	6200	0	46395	0.0045	-0.0016	0.0013	7.96E+06	0.598
1883.110	6202	0	46468	0.0045	-0.0016	0.0013	7.93E+06	0.599
1884.110	6199	0	46431	0.0045	-0.0016	0.0013	7.96E+06	0.604
1885.110	6199	0	46504	0.0045	-0.0016	0.0013	7.99E+06	0.608
1886.110	6200	0	46541	0.0045	-0.0016	0.0013	8.07E+06	0.616
1887.110	6202	0	46614	0.0045	-0.0016	0.0013	8.01E+06	0.615
1888.110	6199	0	46541	0.0045	-0.0016	0.0013	7.95E+06	0.616
1889.110	6199	0	46651	0.0045	-0.0016	0.0013	7.96E+06	0.615
1890.110	6199	0	46687	0.0045	-0.0016	0.0013	7.98E+06	0.622
1891.100	6200	0	46724	0.0045	-0.0016	0.0013	8.05E+06	0.627
1892.100	6200	0	46724	0.0045	-0.0016	0.0013	8.05E+06	0.630
1893.100	6200	0	46761	0.0045	-0.0016	0.0013	8.01E+06	0.633
1894.100	6201	0	46834	0.0045	-0.0016	0.0012	8.00E+06	0.638
1895.100	6199	0	46834	0.0045	-0.0016	0.0012	8.01E+06	0.641
1896.100	6200	0	46907	0.0045	-0.0016	0.0012	8.01E+06	0.641
1897.100	6199	0	46944	0.0045	-0.0016	0.0013	7.92E+06	0.639
1898.100	6200	0	46944	0.0045	-0.0017	0.0012	7.90E+06	0.643
1899.100	6199	0	46980	0.0046	-0.0017	0.0013	7.78E+06	0.644
1900.100	6200	0	47053	0.0046	-0.0017	0.0012	7.80E+06	0.647
1901.100	6199	0	47053	0.0046	-0.0017	0.0012	7.81E+06	0.651
1902.100	6200	0	47090	0.0046	-0.0017	0.0012	7.78E+06	0.650
1903.100	6199	0	47090	0.0046	-0.0017	0.0012	7.68E+06	0.648
1904.100	6201	0	47163	0.0046	-0.0017	0.0012	7.65E+06	0.648
1905.100	6200	0	47127	0.0046	-0.0017	0.0012	7.55E+06	0.648
1906.100	6199	0	47200	0.0046	-0.0017	0.0012	7.51E+06	0.652
1907.100	6199	0	47273	0.0046	-0.0017	0.0012	7.40E+06	0.650
1908.100	6201	0	47273	0.0046	-0.0017	0.0012	7.34E+06	0.651
1909.100	6199	0	47273	0.0046	-0.0017	0.0012	7.29E+06	0.651
1910.100	6199	0	47310	0.0046	-0.0017	0.0012	7.21E+06	0.652
1911.100	6200	0	47383	0.0046	-0.0017	0.0012	7.12E+06	0.647
1912.100	6201	0	47383	0.0046	-0.0017	0.0012	7.10E+06	0.651
1913.100	6200	0	47346	0.0046	-0.0017	0.0012	7.07E+06	0.650
1914.100	6201	0	47456	0.0046	-0.0017	0.0012	7.01E+06	0.652
1915.100	6199	0	47419	0.0046	-0.0017	0.0012	7.00E+06	0.651
1916.100	6199	0	47529	0.0046	-0.0017	0.0012	6.97E+06	0.652
1917.100	6201	0	47529	0.0046	-0.0017	0.0012	6.87E+06	0.650
1918.100	6201	0	47566	0.0046	-0.0017	0.0012	6.79E+06	0.650
1919.100	6199	0	47639	0.0046	-0.0017	0.0012	6.79E+06	0.653
1920.100	6198	0	47639	0.0046	-0.0017	0.0012	6.76E+06	0.656
1921.100	6199	0	47675	0.0046	-0.0017	0.0012	6.79E+06	0.660
1922.100	6199	0	47675	0.0046	-0.0017	0.0012	6.81E+06	0.662
1923.090	6199	0	47675	0.0046	-0.0017	0.0012	6.76E+06	0.660
1924.090	6199	0	47712	0.0047	-0.0017	0.0012	6.74E+06	0.664
1925.090	6198	0	47822	0.0047	-0.0017	0.0012	6.66E+06	0.661
1926.090	6199	0	47822	0.0047	-0.0017	0.0012	6.65E+06	0.662
1927.090	6200	0	47822	0.0047	-0.0017	0.0012	6.61E+06	0.661
1928.090	6199	0	47822	0.0047	-0.0017	0.0012	6.67E+06	0.668
1929.090	6200	0	47895	0.0047	-0.0017	0.0012	6.61E+06	0.670
1930.090	6199	0	47858	0.0047	-0.0017	0.0012	6.60E+06	0.673
1931.090	6199	0	47895	0.0047	-0.0017	0.0012	6.57E+06	0.674
1932.090	6199	0	47895	0.0047	-0.0017	0.0012	6.58E+06	0.676
1933.090	6200	0	47968	0.0047	-0.0017	0.0012	6.57E+06	0.676
1934.090	6199	0	48005	0.0047	-0.0017	0.0012	6.56E+06	0.679
1935.090	6202	0	48041	0.0047	-0.0018	0.0012	6.56E+06	0.682
1936.090	6200	0	48041	0.0047	-0.0018	0.0012	6.52E+06	0.684
1937.090	6200	0	48114	0.0047	-0.0018	0.0012	6.53E+06	0.689
1938.090	6198	0	48151	0.0047	-0.0018	0.0012	6.44E+06	0.686
1939.090	6200	0	48188	0.0047	-0.0018	0.0012	6.45E+06	0.688
1940.090	6199	0	48224	0.0047	-0.0018	0.0012	6.45E+06	0.689
1941.090	6199	0	48261	0.0047	-0.0018	0.0012	6.41E+06	0.694
1942.090	6200	0	48188	0.0047	-0.0018	0.0012	6.43E+06	0.700
1943.090	6199	0	48224	0.0047	-0.0018	0.0012	6.43E+06	0.701
1944.090	6200	0	48334	0.0047	-0.0018	0.0012	6.36E+06	0.699
1945.090	6200	0	48334	0.0047	-0.0018	0.0012	6.44E+06	0.705
1946.090	6200	0	48407	0.0047	-0.0018	0.0012	6.45E+06	0.707
1947.090	6199	0	48444	0.0048	-0.0018	0.0012	6.46E+06	0.711
1948.090	6200	0	48371	0.0048	-0.0018	0.0012	6.42E+06	0.712
1949.090	6200	0	48444	0.0048	-0.0018	0.0012	6.41E+06	0.716
1950.090	6198	0	48444	0.0048	-0.0018	0.0012	6.37E+06	0.720



1951.090	6199	0	48480	0.0048	-0.0018	0.0012	6.43E+06	0.724
1952.090	6199	0	48517	0.0048	-0.0018	0.0012	6.44E+06	0.731
1953.090	6199	0	48590	0.0048	-0.0018	0.0012	6.44E+06	0.736
1954.080	6199	0	48517	0.0048	-0.0018	0.0012	6.40E+06	0.739
1955.080	6199	0	48590	0.0048	-0.0018	0.0012	6.34E+06	0.735
1956.080	6200	0	48663	0.0048	-0.0018	0.0012	6.33E+06	0.738
1957.080	6200	0	48700	0.0048	-0.0018	0.0012	6.31E+06	0.742
1958.080	6199	0	48736	0.0048	-0.0018	0.0012	6.25E+06	0.742
1959.080	6200	0	48663	0.0048	-0.0018	0.0011	6.20E+06	0.742
1960.080	6199	0	48773	0.0048	-0.0018	0.0012	6.24E+06	0.749
1961.080	6200	0	48736	0.0048	-0.0018	0.0011	6.19E+06	0.749
1962.080	6198	0	48773	0.0048	-0.0018	0.0011	6.23E+06	0.752
1963.080	6200	0	48773	0.0048	-0.0018	0.0012	6.27E+06	0.756
1964.080	6199	0	48956	0.0048	-0.0018	0.0011	6.27E+06	0.759
1965.080	6199	0	48919	0.0048	-0.0018	0.0011	6.30E+06	0.764
1966.080	6199	0	48883	0.0048	-0.0019	0.0011	6.36E+06	0.771
1967.080	6200	0	48919	0.0048	-0.0019	0.0011	6.31E+06	0.772
1968.080	6200	0	48993	0.0048	-0.0019	0.0011	6.25E+06	0.769
1969.080	6200	0	48956	0.0049	-0.0019	0.0011	6.22E+06	0.772
1970.080	6201	0	49066	0.0048	-0.0019	0.0011	6.28E+06	0.778
1971.080	6201	0	49029	0.0049	-0.0019	0.0011	6.32E+06	0.783
1972.080	6199	0	49066	0.0049	-0.0019	0.0011	6.37E+06	0.788
1973.080	6199	0	49029	0.0049	-0.0019	0.0011	6.41E+06	0.791
1974.080	6201	0	49139	0.0049	-0.0019	0.0011	6.38E+06	0.793
1975.080	6199	0	49102	0.0049	-0.0019	0.0011	6.44E+06	0.800
1976.080	6200	0	49176	0.0049	-0.0019	0.0011	6.46E+06	0.801
1977.080	6199	0	49139	0.0049	-0.0019	0.0011	6.40E+06	0.802
1978.080	6199	0	49176	0.0049	-0.0019	0.0011	6.39E+06	0.804
1979.080	6199	0	49249	0.0049	-0.0019	0.0011	6.38E+06	0.809
1980.080	6199	0	49249	0.0049	-0.0019	0.0011	6.33E+06	0.812
1981.080	6201	0	49358	0.0049	-0.0019	0.0011	6.29E+06	0.812
1982.080	6200	0	49322	0.0049	-0.0019	0.0011	6.31E+06	0.814
1983.080	6199	0	49358	0.0049	-0.0019	0.0011	6.33E+06	0.814
1984.080	6200	0	49395	0.0049	-0.0019	0.0011	6.33E+06	0.817
1985.070	6201	0	49468	0.0049	-0.0019	0.0011	6.28E+06	0.817
1986.070	6202	0	49432	0.0049	-0.0019	0.0011	6.29E+06	0.818
1987.070	6200	0	49578	0.0049	-0.0019	0.0011	6.24E+06	0.820
1988.070	6199	0	49541	0.0049	-0.0019	0.0011	6.23E+06	0.824
1989.070	6199	0	49541	0.0049	-0.0019	0.0011	6.17E+06	0.824
1990.070	6200	0	49578	0.0049	-0.0019	0.0011	6.23E+06	0.827
1991.070	6199	0	49578	0.0049	-0.0019	0.0011	6.22E+06	0.829
1992.070	6199	0	49541	0.0050	-0.0019	0.0011	6.23E+06	0.836
1993.070	6200	0	49651	0.0050	-0.0019	0.0011	6.26E+06	0.843
1994.070	6200	0	49688	0.0050	-0.0020	0.0011	6.25E+06	0.847
1995.070	6200	0	49724	0.0050	-0.0020	0.0011	6.13E+06	0.844
1996.070	6199	0	49797	0.0050	-0.0020	0.0011	6.15E+06	0.850
1997.070	6199	0	49761	0.0050	-0.0020	0.0011	6.09E+06	0.848
1998.070	6201	0	49797	0.0050	-0.0020	0.0010	6.05E+06	0.851
1999.070	6199	0	49834	0.0050	-0.0020	0.0010	6.00E+06	0.851
2000.070	6201	0	49907	0.0050	-0.0020	0.0010	5.95E+06	0.852
2001.070	6203	0	49980	0.0050	-0.0020	0.0010	5.90E+06	0.854
2002.070	6200	0	49834	0.0050	-0.0020	0.0010	5.88E+06	0.857
2003.070	6200	0	49907	0.0050	-0.0020	0.0010	5.77E+06	0.858
2004.070	6200	0	49907	0.0050	-0.0020	0.0010	5.73E+06	0.864
2005.070	6199	0	49944	0.0050	-0.0020	0.0010	5.71E+06	0.867
2006.070	6200	0	49980	0.0050	-0.0020	0.0010	5.65E+06	0.868
2007.070	6200	0	50090	0.0050	-0.0020	0.0010	5.68E+06	0.874
2008.070	6199	0	50090	0.0050	-0.0020	0.0010	5.63E+06	0.877
2009.070	6198	0	50090	0.0050	-0.0020	0.0010	5.52E+06	0.875
2010.070	6202	0	50090	0.0050	-0.0020	0.0010	5.44E+06	0.870
2011.070	6201	0	50163	0.0050	-0.0020	0.0010	5.46E+06	0.876
2012.070	6201	0	50127	0.0050	-0.0020	0.0010	5.39E+06	0.875
2013.070	6199	0	50200	0.0050	-0.0020	0.0010	5.41E+06	0.880
2014.070	6201	0	50163	0.0050	-0.0020	0.0010	5.37E+06	0.883
2015.070	6199	0	50237	0.0050	-0.0020	0.0010	5.29E+06	0.882
2016.070	6199	0	50237	0.0051	-0.0020	0.0010	5.29E+06	0.887
2017.060	6199	0	50310	0.0051	-0.0020	0.0010	5.30E+06	0.899
2018.060	6200	0	50346	0.0051	-0.0020	0.0010	5.23E+06	0.898
2019.060	6201	0	50310	0.0051	-0.0020	0.0010	5.24E+06	0.902
2020.060	6199	0	50273	0.0051	-0.0020	0.0010	5.26E+06	0.906
2021.060	6199	0	50346	0.0051	-0.0021	0.0010	5.29E+06	0.909
2022.060	6200	0	50383	0.0051	-0.0021	0.0010	5.34E+06	0.916
2023.060	6200	0	50383	0.0051	-0.0021	0.0010	5.35E+06	0.921
2024.060	6200	0	50456	0.0051	-0.0021	0.0010	5.37E+06	0.929
2025.060	6200	0	50420	0.0051	-0.0021	0.0010	5.28E+06	0.921
2026.060	6200	0	50493	0.0051	-0.0021	0.0010	5.28E+06	0.923
2027.060	6199	0	50493	0.0051	-0.0021	0.0010	5.30E+06	0.923
2028.060	6199	0	50456	0.0051	-0.0021	0.0009	5.21E+06	0.923
2029.060	6199	0	50529	0.0051	-0.0021	0.0009	5.24E+06	0.931

2030.060	6199	0	50602	0.0051	-0.0021	0.0009	5.17E+06	0.930
2031.060	6200	0	50602	0.0051	-0.0021	0.0009	5.18E+06	0.937
2032.060	6201	0	50639	0.0051	-0.0021	0.0009	5.14E+06	0.938
2033.060	6199	0	50602	0.0051	-0.0021	0.0009	5.08E+06	0.934
2034.060	6199	0	50566	0.0051	-0.0021	0.0009	5.03E+06	0.931
2035.060	6200	0	50676	0.0051	-0.0021	0.0009	5.03E+06	0.933
2036.060	6200	0	50712	0.0051	-0.0021	0.0009	5.00E+06	0.934
2037.060	6199	0	50712	0.0051	-0.0021	0.0009	5.03E+06	0.938
2038.060	6201	0	50712	0.0052	-0.0021	0.0009	4.98E+06	0.938
2039.060	6199	0	50712	0.0052	-0.0021	0.0009	5.02E+06	0.944
2040.060	6199	0	50749	0.0052	-0.0021	0.0009	4.98E+06	0.947
2041.060	6200	0	50822	0.0052	-0.0021	0.0009	4.97E+06	0.947
2042.060	6199	0	50822	0.0052	-0.0021	0.0009	4.96E+06	0.952
2043.060	6199	0	50895	0.0052	-0.0021	0.0009	5.01E+06	0.956
2044.060	6201	0	50932	0.0052	-0.0021	0.0009	5.07E+06	0.961
2045.060	6199	0	50968	0.0052	-0.0021	0.0009	5.09E+06	0.968
2046.060	6200	0	51005	0.0052	-0.0022	0.0009	5.05E+06	0.970
2047.060	6199	0	50968	0.0052	-0.0022	0.0009	5.06E+06	0.975
2048.050	6199	0	51005	0.0052	-0.0022	0.0009	5.03E+06	0.973
2049.050	6199	0	51005	0.0052	-0.0022	0.0009	5.00E+06	0.973
2050.050	6199	0	51005	0.0052	-0.0022	0.0009	5.00E+06	0.971
2051.050	6199	0	51042	0.0052	-0.0022	0.0009	4.98E+06	0.973
2052.050	6201	0	51042	0.0052	-0.0022	0.0009	4.98E+06	0.974
2053.050	6199	0	51042	0.0052	-0.0022	0.0008	4.94E+06	0.975
2054.050	6200	0	51151	0.0052	-0.0022	0.0008	4.85E+06	0.971
2055.050	6200	0	51115	0.0052	-0.0022	0.0008	4.83E+06	0.973
2056.050	6199	0	51188	0.0052	-0.0022	0.0008	4.83E+06	0.974
2057.050	6199	0	51151	0.0052	-0.0022	0.0008	4.85E+06	0.980
2058.050	6199	0	51151	0.0053	-0.0022	0.0008	4.87E+06	0.986
2059.050	6200	0	51151	0.0052	-0.0022	0.0008	4.86E+06	0.990
2060.050	6200	0	51261	0.0053	-0.0022	0.0008	4.81E+06	0.989
2061.050	6199	0	51224	0.0053	-0.0022	0.0008	4.76E+06	0.989
2062.050	6199	0	51298	0.0053	-0.0022	0.0008	4.74E+06	0.989
2063.050	6201	0	51261	0.0053	-0.0022	0.0008	4.67E+06	0.986
2064.050	6201	0	51371	0.0053	-0.0022	0.0008	4.65E+06	0.989
2065.050	6199	0	51298	0.0053	-0.0022	0.0008	4.60E+06	0.991
2066.050	6200	0	51371	0.0053	-0.0022	0.0008	4.56E+06	0.991
2067.050	6199	0	51371	0.0053	-0.0023	0.0008	4.59E+06	0.995
2068.050	6199	0	51444	0.0053	-0.0023	0.0008	4.58E+06	1.003
2069.050	6199	0	51481	0.0053	-0.0023	0.0008	4.59E+06	1.005
2070.050	6200	0	51444	0.0053	-0.0023	0.0008	4.69E+06	1.016
2071.050	6202	0	51481	0.0053	-0.0023	0.0008	4.70E+06	1.021
2072.050	6199	0	51554	0.0053	-0.0023	0.0008	4.73E+06	1.023
2073.050	6199	0	51517	0.0053	-0.0023	0.0008	4.74E+06	1.034
2074.050	6199	0	51554	0.0053	-0.0023	0.0008	4.75E+06	1.040
2075.050	6200	0	51590	0.0053	-0.0023	0.0007	4.79E+06	1.051
2076.050	6200	0	51590	0.0053	-0.0023	0.0007	4.76E+06	1.046
2077.050	6201	0	51627	0.0053	-0.0023	0.0007	4.70E+06	1.041
2078.050	6199	0	51590	0.0053	-0.0023	0.0007	4.67E+06	1.045
2079.040	6199	0	51627	0.0053	-0.0023	0.0007	4.65E+06	1.053
2080.040	6199	0	51664	0.0053	-0.0023	0.0007	4.63E+06	1.058
2081.040	6199	0	51700	0.0053	-0.0023	0.0007	4.60E+06	1.059
2082.040	6199	0	51737	0.0054	-0.0023	0.0007	4.61E+06	1.068
2083.040	6199	0	51737	0.0054	-0.0023	0.0007	4.58E+06	1.066
2084.040	6199	0	51737	0.0054	-0.0023	0.0007	4.47E+06	1.060
2085.040	6199	0	51810	0.0054	-0.0023	0.0007	4.38E+06	1.062
2086.040	6201	0	51737	0.0054	-0.0023	0.0007	4.36E+06	1.066
2087.040	6200	0	51810	0.0054	-0.0023	0.0007	4.29E+06	1.064
2088.040	6201	0	51773	0.0054	-0.0023	0.0007	4.25E+06	1.068
2089.040	6199	0	51883	0.0054	-0.0024	0.0007	4.19E+06	1.072
2090.040	6200	0	51883	0.0054	-0.0024	0.0007	4.15E+06	1.077
2091.040	6200	0	51883	0.0054	-0.0024	0.0007	4.08E+06	1.075
2092.040	6201	0	51993	0.0054	-0.0024	0.0007	4.03E+06	1.075
2093.040	6200	0	51920	0.0054	-0.0024	0.0007	4.01E+06	1.081
2094.040	6201	0	51993	0.0054	-0.0024	0.0006	3.95E+06	1.079
2095.040	6199	0	52066	0.0054	-0.0024	0.0006	3.93E+06	1.081
2096.040	6200	0	51956	0.0054	-0.0024	0.0006	3.89E+06	1.084
2097.040	6200	0	52029	0.0054	-0.0024	0.0006	3.88E+06	1.089
2098.040	6199	0	51993	0.0054	-0.0024	0.0006	3.89E+06	1.091
2099.040	6199	0	52029	0.0054	-0.0024	0.0006	3.83E+06	1.095
2100.040	6199	0	52066	0.0054	-0.0024	0.0006	3.82E+06	1.094
2101.040	6199	0	52139	0.0054	-0.0024	0.0006	3.80E+06	1.092
2102.040	6199	0	52103	0.0054	-0.0024	0.0006	3.77E+06	1.092
2103.040	6199	0	52103	0.0054	-0.0024	0.0006	3.73E+06	1.096
2104.040	6199	0	52103	0.0054	-0.0024	0.0006	3.68E+06	1.097
2105.040	6200	0	52103	0.0055	-0.0024	0.0006	3.64E+06	1.097
2106.040	6201	0	52176	0.0055	-0.0024	0.0006	3.60E+06	1.096
2107.040	6199	0	52176	0.0055	-0.0024	0.0006	3.60E+06	1.098
2108.040	6200	0	52249	0.0055	-0.0025	0.0006	3.55E+06	1.104

2109.040	6200	0	52176	0.0055	-0.0025	0.0006	3.55E+06	1.107
2110.030	6199	0	52176	0.0055	-0.0025	0.0006	3.54E+06	1.111
2111.030	6200	0	52249	0.0055	-0.0025	0.0005	3.52E+06	1.114
2112.030	6200	0	52249	0.0055	-0.0025	0.0006	3.47E+06	1.116
2113.030	6200	0	52249	0.0055	-0.0025	0.0005	3.43E+06	1.115
2114.030	6199	0	52286	0.0055	-0.0025	0.0005	3.39E+06	1.117
2115.030	6199	0	52249	0.0055	-0.0025	0.0005	3.38E+06	1.120
2116.030	6199	0	52322	0.0055	-0.0025	0.0005	3.38E+06	1.127
2117.030	6202	0	52322	0.0055	-0.0025	0.0005	3.36E+06	1.132
2118.030	6201	0	52395	0.0055	-0.0025	0.0005	3.36E+06	1.138
2119.030	6200	0	52322	0.0055	-0.0025	0.0005	3.33E+06	1.138
2120.030	6199	0	52359	0.0055	-0.0025	0.0005	3.37E+06	1.146
2121.030	6199	0	52395	0.0055	-0.0025	0.0005	3.44E+06	1.155
2122.030	6199	0	52432	0.0055	-0.0025	0.0005	3.41E+06	1.159
2123.030	6200	0	52468	0.0055	-0.0025	0.0005	3.42E+06	1.164
2124.030	6200	0	52395	0.0055	-0.0025	0.0005	3.40E+06	1.171
2125.030	6199	0	52505	0.0056	-0.0025	0.0005	3.40E+06	1.178
2126.030	6199	0	52505	0.0056	-0.0025	0.0005	3.42E+06	1.189
2127.030	6199	0	52505	0.0056	-0.0025	0.0005	3.42E+06	1.194
2128.030	6199	0	52468	0.0056	-0.0026	0.0004	3.38E+06	1.190
2129.030	6200	0	52542	0.0056	-0.0026	0.0004	3.40E+06	1.199
2130.030	6199	0	52542	0.0056	-0.0026	0.0004	3.46E+06	1.219
2131.030	6199	0	52578	0.0056	-0.0026	0.0004	3.44E+06	1.225
2132.030	6199	0	52615	0.0056	-0.0026	0.0004	3.47E+06	1.235
2133.030	6199	0	52505	0.0056	-0.0026	0.0004	3.44E+06	1.239
2134.030	6200	0	52651	0.0056	-0.0026	0.0004	3.48E+06	1.240
2135.030	6201	0	52651	0.0056	-0.0026	0.0004	3.49E+06	1.248
2136.030	6201	0	52615	0.0056	-0.0026	0.0004	3.47E+06	1.252
2137.030	6199	0	52651	0.0056	-0.0026	0.0004	3.49E+06	1.263
2138.030	6199	0	52651	0.0056	-0.0026	0.0004	3.50E+06	1.263
2139.030	6201	0	52725	0.0056	-0.0026	0.0004	3.46E+06	1.270
2140.030	6199	0	52688	0.0056	-0.0026	0.0004	3.47E+06	1.281
2141.020	6201	0	52725	0.0056	-0.0026	0.0004	3.44E+06	1.289
2142.020	6199	0	52725	0.0056	-0.0026	0.0004	3.45E+06	1.295
2143.020	6201	0	52688	0.0056	-0.0026	0.0003	3.43E+06	1.294
2144.020	6199	0	52761	0.0056	-0.0026	0.0003	3.44E+06	1.303
2145.020	6199	0	52798	0.0056	-0.0027	0.0003	3.40E+06	1.306
2146.020	6200	0	52834	0.0056	-0.0027	0.0003	3.34E+06	1.301
2147.020	6199	0	52798	0.0057	-0.0027	0.0003	3.34E+06	1.300
2148.020	6200	0	52834	0.0056	-0.0027	0.0003	3.34E+06	1.301
2149.020	6200	0	52834	0.0057	-0.0027	0.0003	3.34E+06	1.304
2150.020	6199	0	52871	0.0057	-0.0027	0.0003	3.30E+06	1.314
2151.020	6199	0	52871	0.0057	-0.0027	0.0003	3.29E+06	1.313
2152.020	6199	0	52834	0.0057	-0.0027	0.0003	3.21E+06	1.308
2153.020	6200	0	52871	0.0057	-0.0027	0.0003	3.19E+06	1.306
2154.020	6200	0	52944	0.0057	-0.0027	0.0003	3.15E+06	1.307
2155.020	6200	0	53017	0.0057	-0.0027	0.0002	3.10E+06	1.314
2156.020	6200	0	52944	0.0057	-0.0027	0.0002	3.07E+06	1.320
2157.020	6202	0	52981	0.0057	-0.0027	0.0002	3.01E+06	1.311
2158.020	6200	0	52944	0.0057	-0.0027	0.0002	3.05E+06	1.317
2159.020	6199	0	53054	0.0057	-0.0027	0.0002	2.97E+06	1.320
2160.020	6201	0	53054	0.0057	-0.0028	0.0002	2.95E+06	1.323
2161.020	6199	0	53054	0.0057	-0.0028	0.0002	2.95E+06	1.330
2162.020	6201	0	53054	0.0057	-0.0028	0.0002	2.93E+06	1.337
2163.020	6200	0	53127	0.0057	-0.0028	0.0002	2.90E+06	1.335
2164.020	6200	0	53017	0.0057	-0.0028	0.0002	2.84E+06	1.337
2165.020	6200	0	53090	0.0057	-0.0028	0.0002	2.82E+06	1.344
2166.020	6199	0	53127	0.0057	-0.0028	0.0002	2.78E+06	1.345
2167.020	6200	0	53127	0.0057	-0.0028	0.0001	2.78E+06	1.357
2168.020	6200	0	53164	0.0058	-0.0028	0.0002	2.74E+06	1.357
2169.020	6198	0	53127	0.0058	-0.0028	0.0001	2.66E+06	1.362
2170.020	6199	0	53164	0.0058	-0.0028	0.0001	2.59E+06	1.360
2171.020	6199	0	53164	0.0058	-0.0028	0.0001	2.56E+06	1.362
2172.020	6202	0	53237	0.0058	-0.0028	0.0001	2.56E+06	1.363
2173.010	6200	0	53237	0.0058	-0.0028	0.0001	2.53E+06	1.362
2174.010	6200	0	53200	0.0058	-0.0028	0.0001	2.50E+06	1.370
2175.010	6203	0	53237	0.0058	-0.0029	0.0001	2.44E+06	1.370
2176.010	6200	0	53237	0.0058	-0.0029	0.0001	2.42E+06	1.376
2177.010	6199	0	53164	0.0058	-0.0029	0.0001	2.37E+06	1.382
2178.010	6199	0	53273	0.0058	-0.0029	0.0001	2.31E+06	1.388
2179.010	6200	0	53273	0.0058	-0.0029	0.0001	2.25E+06	1.389
2180.010	6200	0	53200	0.0058	-0.0029	0.0000	2.19E+06	1.393
2181.010	6200	0	53273	0.0058	-0.0029	0.0000	2.18E+06	1.402
2182.010	6200	0	53273	0.0058	-0.0029	0.0000	2.14E+06	1.403
2183.010	6200	0	53383	0.0058	-0.0029	0.0000	2.10E+06	1.413
2184.010	6201	0	53310	0.0058	-0.0029	0.0000	2.02E+06	1.413
2185.010	6199	0	53310	0.0058	-0.0029	0.0000	2.04E+06	1.415
2186.010	6200	0	53347	0.0058	-0.0029	0.0000	2.04E+06	1.428
2187.010	6199	0	53383	0.0058	-0.0029	0.0000	2.04E+06	1.430

2188.010	6201	0	53383	0.0059	-0.0029	0.0000	2.05E+06	1.435
2189.010	6201	0	53347	0.0059	-0.0029	0.0000	2.02E+06	1.437
2190.010	6199	0	53347	0.0059	-0.0030	-0.0001	1.98E+06	1.447
2191.010	6200	0	53420	0.0059	-0.0030	-0.0001	1.97E+06	1.455
2192.010	6201	0	53420	0.0059	-0.0030	-0.0001	1.95E+06	1.461
2193.010	6199	0	53420	0.0059	-0.0030	-0.0001	1.96E+06	1.474
2194.010	6199	0	53383	0.0059	-0.0030	-0.0001	1.96E+06	1.476
2195.010	6199	0	53383	0.0059	-0.0030	-0.0001	1.92E+06	1.485
2196.010	6201	0	53456	0.0059	-0.0030	-0.0001	1.90E+06	1.488
2197.010	6200	0	53493	0.0059	-0.0030	-0.0001	1.87E+06	1.488
2198.010	6200	0	53493	0.0059	-0.0030	-0.0001	1.87E+06	1.495
2199.010	6201	0	53456	0.0059	-0.0030	-0.0001	1.85E+06	1.492
2200.010	6200	0	53456	0.0059	-0.0030	-0.0001	1.82E+06	1.495
2201.010	6199	0	53493	0.0059	-0.0030	-0.0002	1.84E+06	1.504
2202.010	6200	0	53456	0.0059	-0.0030	-0.0002	1.83E+06	1.509
2203.010	6200	0	53493	0.0059	-0.0030	-0.0002	1.81E+06	1.513
2204.000	6199	0	53493	0.0059	-0.0031	-0.0002	1.83E+06	1.520
2205.000	6200	0	53456	0.0059	-0.0031	-0.0002	1.81E+06	1.520
2206.000	6200	0	53456	0.0059	-0.0031	-0.0002	1.80E+06	1.531
2207.000	6199	0	53530	0.0059	-0.0031	-0.0002	1.79E+06	1.536
2208.000	6199	0	53493	0.0059	-0.0031	-0.0002	1.76E+06	1.528
2209.000	6200	0	53493	0.0060	-0.0031	-0.0002	1.79E+06	1.531
2210.000	6199	0	53603	0.0060	-0.0031	-0.0002	1.78E+06	1.538
2211.000	6199	0	53566	0.0060	-0.0031	-0.0003	1.77E+06	1.539
2212.000	6199	0	53603	0.0060	-0.0031	-0.0003	1.80E+06	1.551
2213.000	6200	0	53639	0.0060	-0.0031	-0.0003	1.84E+06	1.558
2214.000	6199	0	53530	0.0060	-0.0031	-0.0003	1.84E+06	1.559
2215.000	6200	0	53603	0.0060	-0.0031	-0.0003	1.82E+06	1.567
2216.000	6199	0	53603	0.0060	-0.0031	-0.0003	1.80E+06	1.576
2217.000	6199	0	53603	0.0060	-0.0031	-0.0003	1.79E+06	1.579
2218.000	6202	0	53639	0.0060	-0.0032	-0.0003	1.77E+06	1.588
2219.000	6200	0	53639	0.0060	-0.0032	-0.0003	1.71E+06	1.575
2220.000	6199	0	53603	0.0060	-0.0032	-0.0003	1.66E+06	1.571
2221.000	6201	0	53639	0.0060	-0.0032	-0.0003	1.65E+06	1.572
2222.000	6201	0	53639	0.0060	-0.0032	-0.0004	1.64E+06	1.569
2223.000	6201	0	53603	0.0060	-0.0032	-0.0004	1.60E+06	1.565
2224.000	6199	0	53639	0.0060	-0.0032	-0.0004	1.61E+06	1.572
2225.000	6202	0	53639	0.0060	-0.0032	-0.0004	1.62E+06	1.573
2226.000	6199	0	53713	0.0060	-0.0032	-0.0004	1.61E+06	1.578
2227.000	6199	0	53676	0.0060	-0.0032	-0.0004	1.61E+06	1.585
2228.000	6200	0	53749	0.0060	-0.0032	-0.0004	1.58E+06	1.587
2229.000	6201	0	53749	0.0060	-0.0032	-0.0004	1.52E+06	1.596
2230.000	6200	0	53676	0.0061	-0.0032	-0.0004	1.48E+06	1.597
2231.000	6199	0	53786	0.0060	-0.0033	-0.0005	1.45E+06	1.605
2232.000	6200	0	53749	0.0061	-0.0033	-0.0005	1.40E+06	1.613
2233.000	6200	0	53749	0.0061	-0.0033	-0.0005	1.36E+06	1.616
2234.000	6200	0	53749	0.0061	-0.0033	-0.0005	1.33E+06	1.623
2234.990	6199	0	53749	0.0061	-0.0033	-0.0005	1.28E+06	1.628
2235.990	6199	0	53786	0.0061	-0.0033	-0.0005	1.27E+06	1.634
2236.990	6200	0	53822	0.0061	-0.0033	-0.0005	1.24E+06	1.636
2237.990	6199	0	53822	0.0061	-0.0033	-0.0005	1.24E+06	1.645
2238.990	6201	0	53786	0.0061	-0.0033	-0.0005	1.24E+06	1.642
2239.990	6201	0	53786	0.0061	-0.0033	-0.0005	1.15E+06	1.635
2240.990	6200	0	53786	0.0061	-0.0033	-0.0006	1.12E+06	1.646
2241.990	6201	0	53786	0.0061	-0.0033	-0.0006	1.08E+06	1.642
2242.990	6202	0	53749	0.0061	-0.0034	-0.0006	1.04E+06	1.631
2243.990	6200	0	53749	0.0061	-0.0034	-0.0006	1.04E+06	1.637
2244.990	6199	0	53786	0.0061	-0.0034	-0.0006	1.00E+06	1.638
2245.990	6201	0	53859	0.0061	-0.0034	-0.0006	9.59E+05	1.641
2246.990	6200	0	53822	0.0061	-0.0034	-0.0006	8.90E+05	1.637
2247.990	6199	0	53749	0.0061	-0.0034	-0.0006	8.56E+05	1.638
2248.990	6200	0	53822	0.0061	-0.0034	-0.0007	7.62E+05	1.642
2249.990	6201	0	53895	0.0061	-0.0034	-0.0007	7.19E+05	1.640
2250.990	6198	0	53859	0.0061	-0.0034	-0.0007	6.89E+05	1.640
2251.990	6199	0	53859	0.0062	-0.0034	-0.0007	6.73E+05	1.646
2252.990	6199	0	53859	0.0062	-0.0034	-0.0007	6.35E+05	1.650
2253.990	6200	0	53749	0.0062	-0.0034	-0.0007	6.48E+05	1.663
2254.990	6199	0	53822	0.0062	-0.0034	-0.0007	6.57E+05	1.673
2255.990	6201	0	53895	0.0062	-0.0035	-0.0007	6.09E+05	1.673
2256.990	6199	0	53859	0.0062	-0.0035	-0.0007	5.91E+05	1.676
2257.990	6199	0	53822	0.0062	-0.0035	-0.0008	5.75E+05	1.688
2258.990	6198	0	53895	0.0062	-0.0035	-0.0008	5.44E+05	1.672
2259.990	6199	0	53859	0.0062	-0.0035	-0.0008	5.36E+05	1.670
2260.990	6199	0	53859	0.0062	-0.0035	-0.0008	5.24E+05	1.673
2261.990	6199	0	53859	0.0062	-0.0035	-0.0008	4.89E+05	1.665
2262.990	6199	0	53895	0.0062	-0.0035	-0.0008	4.92E+05	1.671
2263.990	6200	0	53895	0.0062	-0.0035	-0.0008	4.78E+05	1.677
2264.990	6199	0	53822	0.0062	-0.0035	-0.0008	4.36E+05	1.664
2265.980	6199	0	53859	0.0062	-0.0035	-0.0009	4.51E+05	1.671

2266.980	6202	0	53859	0.0062	-0.0035	-0.0009	4.46E+05	1.676
2267.980	6200	0	53895	0.0062	-0.0036	-0.0009	4.40E+05	1.687
2268.980	6200	0	53932	0.0062	-0.0036	-0.0009	3.98E+05	1.692
2269.980	6200	0	53859	0.0062	-0.0036	-0.0009	3.54E+05	1.686
2270.980	6200	0	53895	0.0062	-0.0036	-0.0009	3.23E+05	1.683
2271.980	6199	0	53822	0.0063	-0.0036	-0.0009	3.40E+05	1.688
2272.980	6199	0	53895	0.0063	-0.0036	-0.0009	3.38E+05	1.693
2273.980	6199	0	53822	0.0063	-0.0036	-0.0009	3.19E+05	1.698
2274.980	6199	0	53895	0.0063	-0.0036	-0.0010	3.12E+05	1.709
2275.980	6198	0	53932	0.0063	-0.0036	-0.0010	3.07E+05	1.719
2276.980	6200	0	53895	0.0063	-0.0036	-0.0010	2.97E+05	1.721
2277.980	6200	0	53895	0.0063	-0.0036	-0.0010	2.91E+05	1.735
2278.980	6201	0	53932	0.0063	-0.0036	-0.0010	2.83E+05	1.746
2279.980	6201	0	53932	0.0063	-0.0037	-0.0010	2.24E+05	1.762
2280.980	6200	0	53895	0.0063	-0.0037	-0.0010	2.11E+05	1.766
2281.980	6200	0	53859	0.0063	-0.0037	-0.0010	2.45E+05	1.784
2282.980	6199	0	53895	0.0063	-0.0037	-0.0011	2.27E+05	1.785
2283.980	6200	0	53895	0.0063	-0.0037	-0.0011	2.10E+05	1.802
2284.980	6201	0	53932	0.0063	-0.0037	-0.0011	2.27E+05	1.816
2285.980	6201	0	53932	0.0063	-0.0037	-0.0011	2.24E+05	1.825
2286.980	6200	0	53859	0.0063	-0.0037	-0.0011	2.21E+05	1.847
2287.980	6200	0	53895	0.0063	-0.0037	-0.0011	1.81E+05	1.852
2288.980	6199	0	53859	0.0063	-0.0037	-0.0011	1.93E+05	1.854
2289.980	6199	0	53859	0.0064	-0.0037	-0.0011	2.02E+05	1.854
2290.980	6201	0	53969	0.0063	-0.0038	-0.0012	1.48E+05	1.863
2291.980	6202	0	53932	0.0064	-0.0038	-0.0012	1.25E+05	1.893
2292.980	6199	0	53932	0.0064	-0.0038	-0.0012	8.47E+04	1.903
2293.980	6200	0	53895	0.0064	-0.0038	-0.0012	4.52E+04	1.907
2294.980	6199	0	53895	0.0064	-0.0038	-0.0012	3.68E+04	1.904
2295.980	6200	0	53895	0.0064	-0.0038	-0.0012	-5.56E+02	1.912
2296.980	6199	0	53932	0.0064	-0.0038	-0.0012	-2.07E+04	1.927
2297.970	6200	0	53932	0.0064	-0.0038	-0.0013	-1.07E+05	1.933
2298.970	6200	0	53969	0.0064	-0.0038	-0.0013	-1.43E+05	1.941
2299.970	6199	0	53932	0.0064	-0.0038	-0.0013	-2.10E+05	1.946
2300.970	6199	0	53859	0.0064	-0.0039	-0.0013	-2.44E+05	1.943
2301.970	6198	0	53895	0.0064	-0.0039	-0.0013	-2.44E+05	1.957
2302.970	6200	0	53895	0.0064	-0.0039	-0.0013	-2.76E+05	1.968
2303.970	6199	0	53895	0.0064	-0.0039	-0.0014	-3.07E+05	1.984
2304.970	6200	0	53895	0.0064	-0.0039	-0.0014	-3.37E+05	1.987
2305.970	6200	0	53932	0.0064	-0.0039	-0.0014	-3.62E+05	2.005
2306.970	6199	0	53969	0.0064	-0.0039	-0.0014	-3.85E+05	2.005
2307.970	6200	0	53895	0.0064	-0.0039	-0.0014	-4.38E+05	2.009
2308.970	6200	0	53932	0.0064	-0.0039	-0.0014	-4.96E+05	2.026
2309.970	6200	0	53932	0.0064	-0.0039	-0.0015	-5.23E+05	2.022
2310.970	6199	0	53932	0.0065	-0.0040	-0.0015	-5.55E+05	2.035
2311.970	6201	0	53932	0.0065	-0.0040	-0.0015	-5.82E+05	2.036
2312.970	6199	0	53859	0.0065	-0.0040	-0.0015	-6.13E+05	2.015
2313.970	6199	0	53932	0.0065	-0.0040	-0.0015	-6.63E+05	2.015
2314.970	6200	0	53932	0.0065	-0.0040	-0.0015	-7.19E+05	2.030
2315.970	6199	0	53859	0.0065	-0.0040	-0.0016	-7.71E+05	2.022
2316.970	6201	0	53895	0.0065	-0.0040	-0.0016	-7.72E+05	2.032
2317.970	6200	0	53859	0.0065	-0.0040	-0.0016	-7.83E+05	2.040
2318.970	6200	0	53822	0.0065	-0.0040	-0.0016	-8.06E+05	2.041
2319.970	6198	0	53859	0.0065	-0.0041	-0.0016	-8.57E+05	2.042
2320.970	6199	0	53859	0.0065	-0.0041	-0.0016	-8.90E+05	2.052
2321.970	6200	0	53859	0.0065	-0.0041	-0.0017	-9.31E+05	2.051
2322.970	6200	0	53786	0.0065	-0.0041	-0.0017	-9.69E+05	2.054
2323.970	6200	0	53822	0.0065	-0.0041	-0.0017	-1.00E+06	2.056
2324.970	6199	0	53822	0.0065	-0.0041	-0.0017	-9.98E+05	2.052
2325.970	6201	0	53822	0.0065	-0.0041	-0.0017	-1.03E+06	2.060
2326.970	6199	0	53859	0.0065	-0.0041	-0.0017	-1.08E+06	2.068
2327.970	6199	0	53822	0.0065	-0.0041	-0.0017	-1.11E+06	2.063
2328.960	6202	0	53822	0.0065	-0.0042	-0.0018	-1.16E+06	2.084
2329.960	6199	0	53786	0.0066	-0.0042	-0.0018	-1.20E+06	2.097
2330.960	6200	0	53786	0.0065	-0.0042	-0.0018	-1.24E+06	2.096
2331.960	6200	0	53822	0.0066	-0.0042	-0.0018	-1.27E+06	2.105
2332.960	6199	0	53786	0.0066	-0.0042	-0.0018	-1.28E+06	2.121
2333.960	6200	0	53749	0.0066	-0.0042	-0.0019	-1.30E+06	2.123
2334.960	6201	0	53786	0.0066	-0.0042	-0.0019	-1.32E+06	2.150
2335.960	6199	0	53749	0.0066	-0.0042	-0.0019	-1.33E+06	2.160
2336.960	6199	0	53749	0.0066	-0.0042	-0.0019	-1.32E+06	2.144
2337.960	6201	0	53786	0.0066	-0.0043	-0.0019	-1.34E+06	2.159
2338.960	6199	0	53713	0.0066	-0.0043	-0.0019	-1.39E+06	2.163
2339.960	6199	0	53749	0.0066	-0.0043	-0.0020	-1.38E+06	2.166
2340.960	6199	0	53713	0.0066	-0.0043	-0.0020	-1.40E+06	2.165
2341.960	6199	0	53749	0.0066	-0.0043	-0.0020	-1.44E+06	2.182
2342.960	6199	0	53749	0.0066	-0.0043	-0.0020	-1.46E+06	2.187
2343.960	6199	0	53713	0.0066	-0.0043	-0.0020	-1.51E+06	2.194
2344.960	6201	0	53676	0.0066	-0.0043	-0.0020	-1.54E+06	2.205

2345.960	6199	0	53713	0.0066	-0.0044	-0.0021	-1.55E+06	2.202
2346.960	6200	0	53676	0.0066	-0.0044	-0.0021	-1.57E+06	2.210
2347.960	6200	0	53639	0.0066	-0.0044	-0.0021	-1.59E+06	2.227
2348.960	6200	0	53639	0.0067	-0.0044	-0.0021	-1.62E+06	2.228
2349.960	6200	0	53676	0.0067	-0.0044	-0.0021	-1.65E+06	2.233
2350.960	6199	0	53639	0.0067	-0.0044	-0.0022	-1.66E+06	2.237
2351.960	6201	0	53639	0.0067	-0.0044	-0.0022	-1.67E+06	2.234
2352.960	6200	0	53639	0.0067	-0.0044	-0.0022	-1.67E+06	2.249
2353.960	6200	0	53603	0.0067	-0.0044	-0.0022	-1.67E+06	2.260
2354.960	6199	0	53603	0.0067	-0.0045	-0.0022	-1.73E+06	2.261
2355.960	6200	0	53603	0.0067	-0.0045	-0.0022	-1.76E+06	2.258
2356.960	6201	0	53566	0.0067	-0.0045	-0.0023	-1.78E+06	2.278
2357.960	6200	0	53566	0.0067	-0.0045	-0.0023	-1.77E+06	2.268
2358.960	6199	0	53603	0.0067	-0.0045	-0.0023	-1.77E+06	2.277
2359.950	6200	0	53566	0.0067	-0.0045	-0.0023	-1.78E+06	2.288
2360.950	6198	0	53566	0.0067	-0.0045	-0.0023	-1.79E+06	2.271
2361.950	6201	0	53566	0.0067	-0.0045	-0.0023	-1.81E+06	2.288
2362.950	6199	0	53530	0.0067	-0.0046	-0.0024	-1.81E+06	2.288
2363.950	6201	0	53493	0.0067	-0.0046	-0.0024	-1.81E+06	2.282
2364.950	6200	0	53530	0.0067	-0.0046	-0.0024	-1.86E+06	2.286
2365.950	6199	0	53456	0.0067	-0.0046	-0.0024	-1.88E+06	2.292
2366.950	6199	0	53493	0.0067	-0.0046	-0.0025	-1.89E+06	2.268
2367.950	6200	0	53456	0.0068	-0.0046	-0.0025	-1.89E+06	2.284
2368.950	6201	0	53420	0.0068	-0.0046	-0.0025	-1.90E+06	2.290
2369.950	6200	0	53493	0.0068	-0.0046	-0.0025	-1.90E+06	2.289
2370.950	6202	0	53456	0.0068	-0.0046	-0.0025	-1.92E+06	2.294
2371.950	6199	0	53456	0.0068	-0.0047	-0.0026	-1.93E+06	2.314
2372.950	6200	0	53420	0.0068	-0.0047	-0.0026	-1.95E+06	2.302
2373.950	6199	0	53456	0.0068	-0.0047	-0.0026	-2.02E+06	2.316
2374.950	6199	0	53420	0.0068	-0.0047	-0.0026	-2.10E+06	2.324
2375.950	6201	0	53420	0.0068	-0.0047	-0.0026	-2.11E+06	2.317
2376.950	6199	0	53420	0.0068	-0.0047	-0.0026	-2.14E+06	2.335
2377.950	6199	0	53383	0.0068	-0.0047	-0.0027	-2.21E+06	2.341
2378.950	6200	0	53420	0.0068	-0.0047	-0.0027	-2.23E+06	2.329
2379.950	6199	0	53273	0.0068	-0.0048	-0.0027	-2.28E+06	2.349
2380.950	6201	0	53310	0.0068	-0.0048	-0.0027	-2.33E+06	2.367
2381.950	6199	0	53383	0.0068	-0.0048	-0.0028	-2.37E+06	2.359
2382.950	6199	0	53310	0.0068	-0.0048	-0.0028	-2.42E+06	2.365
2383.950	6199	0	53383	0.0068	-0.0048	-0.0028	-2.47E+06	2.368
2384.950	6199	0	53347	0.0068	-0.0048	-0.0028	-2.50E+06	2.368
2385.950	6199	0	53273	0.0069	-0.0048	-0.0028	-2.56E+06	2.385
2386.950	6200	0	53310	0.0068	-0.0048	-0.0029	-2.62E+06	2.389
2387.950	6199	0	53310	0.0069	-0.0049	-0.0029	-2.65E+06	2.378
2388.950	6200	0	53237	0.0069	-0.0049	-0.0029	-2.69E+06	2.396
2389.950	6199	0	53200	0.0069	-0.0049	-0.0029	-2.76E+06	2.401
2390.950	6201	0	53200	0.0069	-0.0049	-0.0029	-2.80E+06	2.402
2391.940	6201	0	53200	0.0069	-0.0049	-0.0029	-2.88E+06	2.409
2392.940	6199	0	53237	0.0069	-0.0049	-0.0030	-2.94E+06	2.415
2393.940	6199	0	53164	0.0069	-0.0049	-0.0030	-2.98E+06	2.412
2394.940	6200	0	53200	0.0069	-0.0050	-0.0030	-3.03E+06	2.413
2395.940	6201	0	53164	0.0069	-0.0050	-0.0030	-3.06E+06	2.421
2396.940	6199	0	53164	0.0069	-0.0050	-0.0031	-3.09E+06	2.419
2397.940	6202	0	53090	0.0069	-0.0050	-0.0031	-3.12E+06	2.421
2398.940	6199	0	53054	0.0069	-0.0050	-0.0031	-3.17E+06	2.440
2399.940	6199	0	52981	0.0069	-0.0050	-0.0031	-3.19E+06	2.442
2400.940	6200	0	53054	0.0069	-0.0050	-0.0031	-3.23E+06	2.458
2401.940	6199	0	53054	0.0069	-0.0050	-0.0032	-3.27E+06	2.466
2402.940	6199	0	52944	0.0069	-0.0051	-0.0032	-3.26E+06	2.457
2403.940	6200	0	52981	0.0070	-0.0051	-0.0032	-3.30E+06	2.474
2404.940	6200	0	52981	0.0069	-0.0051	-0.0032	-3.29E+06	2.483
2405.940	6200	0	52981	0.0069	-0.0051	-0.0033	-3.34E+06	2.469
2406.940	6201	0	52908	0.0070	-0.0051	-0.0033	-3.36E+06	2.469
2407.940	6200	0	52908	0.0070	-0.0051	-0.0033	-3.39E+06	2.484
2408.940	6199	0	52908	0.0070	-0.0051	-0.0033	-3.41E+06	2.464
2409.940	6199	0	52871	0.0070	-0.0052	-0.0033	-3.43E+06	2.486
2410.940	6199	0	52834	0.0070	-0.0052	-0.0034	-3.46E+06	2.501
2411.940	6202	0	52798	0.0070	-0.0052	-0.0034	-3.44E+06	2.483
2412.940	6199	0	52798	0.0070	-0.0052	-0.0034	-3.44E+06	2.496
2413.940	6201	0	52834	0.0070	-0.0052	-0.0034	-3.45E+06	2.506
2414.940	6199	0	52761	0.0070	-0.0052	-0.0034	-3.46E+06	2.495
2415.940	6199	0	52761	0.0070	-0.0052	-0.0034	-3.48E+06	2.497
2416.940	6199	0	52725	0.0070	-0.0052	-0.0035	-3.48E+06	2.490
2417.940	6199	0	52688	0.0070	-0.0053	-0.0035	-3.46E+06	2.478
2418.940	6199	0	52725	0.0070	-0.0053	-0.0035	-3.41E+06	2.485
2419.940	6201	0	52725	0.0070	-0.0053	-0.0035	-3.39E+06	2.479
2420.940	6200	0	52688	0.0070	-0.0053	-0.0036	-3.37E+06	2.472
2421.940	6199	0	52651	0.0071	-0.0053	-0.0036	-3.38E+06	2.479
2422.930	6201	0	52651	0.0070	-0.0053	-0.0036	-3.37E+06	2.490
2423.930	6200	0	52651	0.0070	-0.0053	-0.0036	-3.35E+06	2.482

2424.930	6199	0	52615	0.0070	-0.0053	-0.0036	-3.38E+06	2.492
2425.930	6199	0	52615	0.0070	-0.0054	-0.0037	-3.42E+06	2.504
2426.930	6199	0	52542	0.0071	-0.0054	-0.0037	-3.35E+06	2.491
2427.930	6201	0	52578	0.0071	-0.0054	-0.0037	-3.35E+06	2.506
2428.930	6199	0	52542	0.0071	-0.0054	-0.0037	-3.39E+06	2.526
2429.930	6201	0	52578	0.0071	-0.0054	-0.0038	-3.41E+06	2.516
2430.930	6198	0	52468	0.0071	-0.0054	-0.0038	-3.41E+06	2.524
2431.930	6200	0	52505	0.0071	-0.0054	-0.0038	-3.43E+06	2.544
2432.930	6199	0	52432	0.0071	-0.0055	-0.0038	-3.46E+06	2.533
2433.930	6200	0	52395	0.0071	-0.0055	-0.0038	-3.47E+06	2.541
2434.930	6199	0	52395	0.0071	-0.0055	-0.0039	-3.47E+06	2.547
2435.930	6200	0	52359	0.0071	-0.0055	-0.0039	-3.46E+06	2.534
2436.930	6199	0	52395	0.0071	-0.0055	-0.0039	-3.45E+06	2.539
2437.930	6200	0	52395	0.0071	-0.0055	-0.0039	-3.47E+06	2.537
2438.930	6199	0	52322	0.0071	-0.0055	-0.0040	-3.49E+06	2.514
2439.930	6200	0	52286	0.0072	-0.0056	-0.0040	-3.51E+06	2.525
2440.930	6200	0	52286	0.0071	-0.0056	-0.0040	-3.54E+06	2.531
2441.930	6199	0	52286	0.0072	-0.0056	-0.0040	-3.56E+06	2.527
2442.930	6199	0	52286	0.0071	-0.0056	-0.0041	-3.61E+06	2.546
2443.930	6199	0	52322	0.0072	-0.0056	-0.0041	-3.65E+06	2.543
2444.930	6200	0	52249	0.0072	-0.0056	-0.0041	-3.67E+06	2.528
2445.930	6200	0	52176	0.0072	-0.0056	-0.0041	-3.68E+06	2.538
2446.930	6200	0	52139	0.0072	-0.0057	-0.0041	-3.71E+06	2.542
2447.930	6200	0	52176	0.0072	-0.0057	-0.0042	-3.70E+06	2.535
2448.930	6199	0	52139	0.0072	-0.0057	-0.0042	-3.71E+06	2.534
2449.930	6199	0	52103	0.0072	-0.0057	-0.0042	-3.74E+06	2.557
2450.930	6200	0	52139	0.0072	-0.0057	-0.0042	-3.73E+06	2.556
2451.930	6199	0	52176	0.0072	-0.0057	-0.0043	-3.78E+06	2.577
2452.930	6200	0	52066	0.0072	-0.0058	-0.0043	-3.80E+06	2.575
2453.920	6200	0	52066	0.0072	-0.0058	-0.0043	-3.80E+06	2.573
2454.920	6199	0	51956	0.0072	-0.0058	-0.0043	-3.82E+06	2.591
2455.920	6199	0	51993	0.0072	-0.0058	-0.0044	-3.82E+06	2.594
2456.920	6199	0	51956	0.0072	-0.0058	-0.0044	-3.83E+06	2.586
2457.920	6200	0	51883	0.0072	-0.0058	-0.0044	-3.84E+06	2.590
2458.920	6200	0	51956	0.0072	-0.0058	-0.0044	-3.88E+06	2.596
2459.920	6198	0	51920	0.0072	-0.0059	-0.0045	-3.91E+06	2.593
2460.920	6199	0	51883	0.0073	-0.0059	-0.0045	-3.95E+06	2.612
2461.920	6200	0	51920	0.0073	-0.0059	-0.0045	-3.99E+06	2.618
2462.920	6200	0	51847	0.0073	-0.0059	-0.0045	-3.99E+06	2.601
2463.920	6199	0	51737	0.0073	-0.0059	-0.0045	-3.96E+06	2.601
2464.920	6201	0	51773	0.0073	-0.0059	-0.0046	-3.99E+06	2.614
2465.920	6201	0	51773	0.0073	-0.0059	-0.0046	-3.99E+06	2.587
2466.920	6199	0	51700	0.0073	-0.0060	-0.0046	-4.03E+06	2.589
2467.920	6200	0	51700	0.0073	-0.0060	-0.0047	-4.02E+06	2.580
2468.920	6199	0	51664	0.0073	-0.0060	-0.0047	-4.02E+06	2.563
2469.920	6199	0	51590	0.0073	-0.0060	-0.0047	-3.99E+06	2.561
2470.920	6200	0	51664	0.0073	-0.0060	-0.0047	-3.99E+06	2.565
2471.920	6199	0	51590	0.0073	-0.0060	-0.0047	-4.00E+06	2.552
2472.920	6199	0	51627	0.0073	-0.0060	-0.0048	-4.04E+06	2.555
2473.920	6199	0	51590	0.0073	-0.0061	-0.0048	-4.06E+06	2.562
2474.920	6200	0	51554	0.0073	-0.0061	-0.0048	-4.06E+06	2.554
2475.920	6199	0	51590	0.0073	-0.0061	-0.0048	-4.07E+06	2.545
2476.920	6200	0	51444	0.0073	-0.0061	-0.0049	-4.07E+06	2.549
2477.920	6199	0	51517	0.0074	-0.0061	-0.0049	-4.02E+06	2.535
2478.920	6199	0	51444	0.0073	-0.0061	-0.0049	-4.02E+06	2.535
2479.920	6200	0	51481	0.0074	-0.0062	-0.0049	-4.06E+06	2.547
2480.920	6201	0	51407	0.0074	-0.0062	-0.0050	-4.03E+06	2.520
2481.920	6200	0	51371	0.0074	-0.0062	-0.0050	-4.02E+06	2.503
2482.920	6200	0	51371	0.0074	-0.0062	-0.0050	-4.06E+06	2.518
2483.920	6199	0	51334	0.0074	-0.0062	-0.0050	-4.07E+06	2.511
2484.910	6199	0	51298	0.0074	-0.0062	-0.0051	-4.06E+06	2.515
2485.910	6200	0	51334	0.0074	-0.0062	-0.0051	-4.04E+06	2.508
2486.910	6200	0	51261	0.0074	-0.0063	-0.0051	-4.02E+06	2.482
2487.910	6201	0	51224	0.0074	-0.0063	-0.0051	-3.97E+06	2.470
2488.910	6199	0	51298	0.0074	-0.0063	-0.0051	-3.97E+06	2.467
2489.910	6199	0	51224	0.0074	-0.0063	-0.0052	-3.96E+06	2.447
2490.910	6200	0	51151	0.0074	-0.0063	-0.0052	-3.97E+06	2.451
2491.910	6199	0	51115	0.0074	-0.0063	-0.0052	-3.96E+06	2.449
2492.910	6200	0	51151	0.0074	-0.0063	-0.0052	-3.96E+06	2.434
2493.910	6199	0	51078	0.0075	-0.0064	-0.0052	-4.00E+06	2.427
2494.910	6199	0	51115	0.0074	-0.0064	-0.0053	-4.02E+06	2.426
2495.910	6201	0	51078	0.0074	-0.0064	-0.0053	-4.01E+06	2.401
2496.910	6200	0	51005	0.0075	-0.0064	-0.0053	-4.05E+06	2.401
2497.910	6199	0	51005	0.0075	-0.0064	-0.0054	-4.05E+06	2.390
2498.910	6199	0	51005	0.0075	-0.0064	-0.0054	-4.01E+06	2.373
2499.910	6200	0	50968	0.0075	-0.0064	-0.0054	-3.99E+06	2.354
2500.910	6201	0	50932	0.0075	-0.0065	-0.0054	-4.00E+06	2.358
2501.910	6201	0	50932	0.0075	-0.0065	-0.0054	-3.99E+06	2.356
2502.910	6200	0	50895	0.0075	-0.0065	-0.0055	-4.05E+06	2.365

2503.910	6199	0	50895	0.0075	-0.0065	-0.0055	-4.05E+06	2.360
2504.910	6199	0	50785	0.0075	-0.0065	-0.0055	-4.06E+06	2.348
2505.910	6201	0	50859	0.0075	-0.0065	-0.0055	-4.05E+06	2.338
2506.910	6199	0	50785	0.0075	-0.0065	-0.0055	-4.08E+06	2.343
2507.910	6200	0	50785	0.0075	-0.0065	-0.0056	-4.07E+06	2.330
2508.910	6199	0	50785	0.0075	-0.0066	-0.0056	-4.11E+06	2.335
2509.910	6200	0	50785	0.0075	-0.0066	-0.0056	-4.13E+06	2.339
2510.910	6199	0	50749	0.0075	-0.0066	-0.0056	-4.14E+06	2.332
2511.910	6199	0	50639	0.0076	-0.0066	-0.0056	-4.11E+06	2.327
2512.910	6199	0	50712	0.0076	-0.0066	-0.0057	-4.15E+06	2.345
2513.910	6200	0	50639	0.0076	-0.0066	-0.0057	-4.14E+06	2.336
2514.910	6201	0	50639	0.0076	-0.0066	-0.0057	-4.10E+06	2.329
2515.910	6199	0	50639	0.0076	-0.0066	-0.0057	-4.08E+06	2.327
2516.900	6199	0	50602	0.0076	-0.0067	-0.0058	-4.06E+06	2.302
2517.900	6200	0	50566	0.0076	-0.0067	-0.0058	-4.07E+06	2.293
2518.900	6200	0	50456	0.0076	-0.0067	-0.0058	-4.08E+06	2.298
2519.900	6201	0	50493	0.0076	-0.0067	-0.0058	-4.06E+06	2.281
2520.900	6199	0	50493	0.0076	-0.0067	-0.0058	-4.07E+06	2.288
2521.900	6200	0	50383	0.0076	-0.0067	-0.0059	-4.05E+06	2.297
2522.900	6198	0	50456	0.0076	-0.0067	-0.0059	-4.05E+06	2.279
2523.900	6201	0	50456	0.0076	-0.0068	-0.0059	-4.05E+06	2.271
2524.900	6199	0	50383	0.0076	-0.0068	-0.0059	-4.06E+06	2.282
2525.900	6201	0	50383	0.0076	-0.0068	-0.0059	-4.05E+06	2.278
2526.900	6199	0	50310	0.0076	-0.0068	-0.0060	-4.07E+06	2.283
2527.900	6200	0	50310	0.0076	-0.0068	-0.0060	-4.05E+06	2.273
2528.900	6200	0	50273	0.0076	-0.0068	-0.0060	-4.04E+06	2.261
2529.900	6200	0	50237	0.0077	-0.0068	-0.0060	-4.00E+06	2.241
2530.900	6202	0	50237	0.0077	-0.0068	-0.0060	-4.04E+06	2.247
2531.900	6201	0	50200	0.0076	-0.0069	-0.0061	-4.02E+06	2.248
2532.900	6200	0	50200	0.0077	-0.0069	-0.0061	-4.03E+06	2.246
2533.900	6200	0	50127	0.0077	-0.0069	-0.0061	-4.05E+06	2.259
2534.900	6200	0	50163	0.0077	-0.0069	-0.0061	-4.03E+06	2.253
2535.900	6201	0	50127	0.0077	-0.0069	-0.0061	-3.99E+06	2.246
2536.900	6199	0	50127	0.0077	-0.0069	-0.0062	-3.95E+06	2.250
2537.900	6199	0	50127	0.0077	-0.0069	-0.0062	-3.95E+06	2.242
2538.900	6199	0	50090	0.0077	-0.0069	-0.0062	-3.92E+06	2.235
2539.900	6200	0	50054	0.0077	-0.0070	-0.0062	-3.91E+06	2.246
2540.900	6199	0	50054	0.0077	-0.0070	-0.0062	-3.89E+06	2.239
2541.900	6200	0	49980	0.0077	-0.0070	-0.0062	-3.88E+06	2.244
2542.900	6200	0	49980	0.0077	-0.0070	-0.0063	-3.85E+06	2.250
2543.900	6202	0	49944	0.0077	-0.0070	-0.0063	-3.83E+06	2.243
2544.900	6201	0	49944	0.0077	-0.0070	-0.0063	-3.86E+06	2.246
2545.900	6199	0	49907	0.0077	-0.0070	-0.0063	-3.90E+06	2.254
2546.900	6200	0	49980	0.0077	-0.0070	-0.0064	-3.85E+06	2.236
2547.890	6199	0	49834	0.0078	-0.0071	-0.0064	-3.87E+06	2.221
2548.890	6200	0	49834	0.0078	-0.0071	-0.0064	-3.85E+06	2.223
2549.890	6200	0	49871	0.0078	-0.0071	-0.0064	-3.81E+06	2.215
2550.890	6200	0	49797	0.0078	-0.0071	-0.0064	-3.80E+06	2.203
2551.890	6199	0	49797	0.0078	-0.0071	-0.0065	-3.79E+06	2.203
2552.890	6199	0	49761	0.0078	-0.0071	-0.0065	-3.80E+06	2.197
2553.890	6199	0	49724	0.0078	-0.0071	-0.0065	-3.80E+06	2.196
2554.890	6200	0	49724	0.0078	-0.0071	-0.0065	-3.83E+06	2.205
2555.890	6199	0	49724	0.0078	-0.0072	-0.0065	-3.84E+06	2.198
2556.890	6199	0	49688	0.0078	-0.0072	-0.0066	-3.84E+06	2.194
2557.890	6199	0	49651	0.0078	-0.0072	-0.0066	-3.86E+06	2.206
2558.890	6202	0	49651	0.0078	-0.0072	-0.0066	-3.82E+06	2.193
2559.890	6199	0	49615	0.0078	-0.0072	-0.0066	-3.81E+06	2.179
2560.890	6200	0	49615	0.0078	-0.0072	-0.0066	-3.82E+06	2.198
2561.890	6199	0	49651	0.0078	-0.0072	-0.0066	-3.83E+06	2.189
2562.890	6199	0	49578	0.0078	-0.0072	-0.0066	-3.82E+06	2.191
2563.890	6199	0	49541	0.0078	-0.0072	-0.0067	-3.85E+06	2.210
2564.890	6199	0	49578	0.0078	-0.0073	-0.0067	-3.79E+06	2.197
2565.890	6201	0	49505	0.0079	-0.0073	-0.0067	-3.81E+06	2.189
2566.890	6201	0	49468	0.0079	-0.0073	-0.0067	-3.85E+06	2.201
2567.890	6199	0	49505	0.0079	-0.0073	-0.0067	-3.86E+06	2.192
2568.890	6201	0	49432	0.0079	-0.0073	-0.0068	-3.87E+06	2.198
2569.890	6199	0	49432	0.0078	-0.0073	-0.0068	-3.94E+06	2.215
2570.890	6201	0	49322	0.0079	-0.0073	-0.0068	-3.95E+06	2.204
2571.890	6199	0	49395	0.0079	-0.0074	-0.0068	-4.01E+06	2.201
2572.890	6200	0	49322	0.0079	-0.0074	-0.0068	-4.05E+06	2.209
2573.890	6199	0	49358	0.0079	-0.0074	-0.0069	-4.10E+06	2.205
2574.890	6199	0	49322	0.0079	-0.0074	-0.0069	-4.15E+06	2.210
2575.890	6198	0	49249	0.0079	-0.0074	-0.0069	-4.21E+06	2.221
2576.890	6200	0	49249	0.0079	-0.0074	-0.0069	-4.23E+06	2.207
2577.890	6200	0	49212	0.0079	-0.0074	-0.0069	-4.28E+06	2.196
2578.880	6200	0	49212	0.0079	-0.0074	-0.0070	-4.32E+06	2.197
2579.880	6199	0	49176	0.0079	-0.0075	-0.0070	-4.34E+06	2.193
2580.880	6199	0	49139	0.0079	-0.0075	-0.0070	-4.37E+06	2.183
2581.880	6199	0	49139	0.0079	-0.0075	-0.0070	-4.41E+06	2.190



2582.880	6201	0	49139	0.0079	-0.0075	-0.0070	-4.48E+06	2.193
2583.880	6199	0	49139	0.0080	-0.0075	-0.0071	-4.54E+06	2.194
2584.880	6199	0	49102	0.0080	-0.0075	-0.0071	-4.60E+06	2.206
2585.880	6200	0	49102	0.0079	-0.0075	-0.0071	-4.64E+06	2.201
2586.880	6201	0	48993	0.0080	-0.0075	-0.0071	-4.64E+06	2.192
2587.880	6199	0	49029	0.0080	-0.0076	-0.0072	-4.68E+06	2.199
2588.880	6199	0	48956	0.0080	-0.0076	-0.0072	-4.73E+06	2.194
2589.880	6201	0	48993	0.0080	-0.0076	-0.0072	-4.77E+06	2.184
2590.880	6199	0	48846	0.0080	-0.0076	-0.0072	-4.82E+06	2.199
2591.880	6200	0	48846	0.0080	-0.0076	-0.0073	-4.86E+06	2.199
2592.880	6199	0	48810	0.0080	-0.0076	-0.0073	-4.91E+06	2.198
2593.880	6199	0	48846	0.0080	-0.0076	-0.0073	-4.92E+06	2.192
2594.880	6201	0	48736	0.0080	-0.0077	-0.0073	-4.94E+06	2.181
2595.880	6199	0	48736	0.0080	-0.0077	-0.0073	-4.97E+06	2.188
2596.880	6200	0	48627	0.0080	-0.0077	-0.0073	-5.04E+06	2.198
2597.880	6199	0	48590	0.0080	-0.0077	-0.0074	-5.03E+06	2.189
2598.880	6199	0	48590	0.0080	-0.0077	-0.0074	-5.07E+06	2.186
2599.880	6199	0	48590	0.0080	-0.0077	-0.0074	-5.10E+06	2.193
2600.880	6199	0	48517	0.0080	-0.0077	-0.0074	-5.11E+06	2.192
2601.880	6200	0	48517	0.0081	-0.0078	-0.0074	-5.10E+06	2.181
2602.880	6201	0	48407	0.0081	-0.0078	-0.0075	-5.10E+06	2.180
2603.880	6199	0	48480	0.0081	-0.0078	-0.0075	-5.10E+06	2.179
2604.880	6199	0	48480	0.0081	-0.0078	-0.0075	-5.09E+06	2.172
2605.880	6199	0	48371	0.0081	-0.0078	-0.0075	-5.10E+06	2.169
2606.880	6199	0	48371	0.0081	-0.0078	-0.0076	-5.10E+06	2.160
2607.880	6200	0	48297	0.0081	-0.0078	-0.0076	-5.08E+06	2.150
2608.880	6200	0	48297	0.0081	-0.0078	-0.0076	-5.08E+06	2.152
2609.870	6201	0	48297	0.0081	-0.0079	-0.0076	-5.04E+06	2.147
2610.870	6199	0	48224	0.0081	-0.0079	-0.0076	-4.99E+06	2.134
2611.870	6199	0	48261	0.0081	-0.0079	-0.0076	-4.95E+06	2.142
2612.870	6200	0	48151	0.0081	-0.0079	-0.0077	-4.92E+06	2.127
2613.870	6200	0	48114	0.0081	-0.0079	-0.0077	-4.85E+06	2.111
2614.870	6200	0	48078	0.0081	-0.0079	-0.0077	-4.82E+06	2.111
2615.870	6200	0	48114	0.0081	-0.0079	-0.0077	-4.75E+06	2.097
2616.870	6199	0	48041	0.0081	-0.0079	-0.0078	-4.71E+06	2.084
2617.870	6199	0	48005	0.0081	-0.0080	-0.0078	-4.70E+06	2.085
2618.870	6199	0	48005	0.0082	-0.0080	-0.0078	-4.61E+06	2.072
2619.870	6200	0	47968	0.0082	-0.0080	-0.0078	-4.54E+06	2.069
2620.870	6199	0	48005	0.0082	-0.0080	-0.0078	-4.53E+06	2.081
2621.870	6199	0	47968	0.0082	-0.0080	-0.0078	-4.45E+06	2.064
2622.870	6201	0	47931	0.0082	-0.0080	-0.0078	-4.40E+06	2.056
2623.870	6199	0	47858	0.0082	-0.0080	-0.0079	-4.37E+06	2.050
2624.870	6200	0	47858	0.0082	-0.0080	-0.0079	-4.31E+06	2.027
2625.870	6199	0	47858	0.0082	-0.0080	-0.0079	-4.26E+06	2.033
2626.870	6199	0	47858	0.0082	-0.0081	-0.0079	-4.28E+06	2.044
2627.870	6199	0	47858	0.0082	-0.0081	-0.0079	-4.24E+06	2.041
2628.870	6199	0	47822	0.0082	-0.0081	-0.0080	-4.18E+06	2.020
2629.870	6200	0	47785	0.0082	-0.0081	-0.0080	-4.14E+06	2.028
2630.870	6199	0	47712	0.0082	-0.0081	-0.0080	-4.02E+06	2.012
2631.870	6201	0	47712	0.0082	-0.0081	-0.0080	-4.00E+06	2.006
2632.870	6200	0	47675	0.0082	-0.0081	-0.0080	-3.99E+06	2.011
2633.870	6199	0	47675	0.0082	-0.0081	-0.0080	-3.96E+06	2.005
2634.870	6200	0	47675	0.0082	-0.0081	-0.0080	-3.91E+06	2.000
2635.870	6199	0	47602	0.0082	-0.0082	-0.0081	-3.89E+06	2.014
2636.870	6201	0	47675	0.0082	-0.0082	-0.0081	-3.85E+06	2.014
2637.870	6201	0	47566	0.0083	-0.0082	-0.0081	-3.79E+06	2.005
2638.870	6199	0	47529	0.0083	-0.0082	-0.0081	-3.78E+06	2.009
2639.870	6199	0	47566	0.0083	-0.0082	-0.0081	-3.75E+06	2.005
2640.860	6201	0	47492	0.0083	-0.0082	-0.0081	-3.74E+06	2.001
2641.860	6198	0	47492	0.0083	-0.0082	-0.0082	-3.69E+06	2.012
2642.860	6199	0	47456	0.0083	-0.0082	-0.0082	-3.68E+06	2.002
2643.860	6199	0	47529	0.0083	-0.0082	-0.0082	-3.67E+06	2.001
2644.860	6200	0	47456	0.0083	-0.0082	-0.0082	-3.64E+06	1.995
2645.860	6199	0	47456	0.0083	-0.0083	-0.0082	-3.62E+06	1.984
2646.860	6199	0	47419	0.0083	-0.0083	-0.0082	-3.57E+06	1.978
2647.860	6199	0	47456	0.0083	-0.0083	-0.0083	-3.54E+06	1.982
2648.860	6202	0	47383	0.0083	-0.0083	-0.0083	-3.49E+06	1.971
2649.860	6199	0	47346	0.0083	-0.0083	-0.0083	-3.50E+06	1.972
2650.860	6199	0	47383	0.0083	-0.0083	-0.0083	-3.51E+06	1.982
2651.860	6202	0	47310	0.0083	-0.0083	-0.0083	-3.49E+06	1.982
2652.860	6200	0	47310	0.0083	-0.0083	-0.0083	-3.45E+06	1.971
2653.860	6199	0	47310	0.0083	-0.0083	-0.0083	-3.43E+06	1.975
2654.860	6198	0	47310	0.0083	-0.0084	-0.0084	-3.42E+06	1.977
2655.860	6201	0	47310	0.0084	-0.0084	-0.0084	-3.37E+06	1.957
2656.860	6199	0	47200	0.0084	-0.0084	-0.0084	-3.39E+06	1.966
2657.860	6199	0	47200	0.0084	-0.0084	-0.0084	-3.40E+06	1.963
2658.860	6199	0	47200	0.0084	-0.0084	-0.0084	-3.42E+06	1.953
2659.860	6200	0	47236	0.0084	-0.0084	-0.0084	-3.43E+06	1.956
2660.860	6200	0	47163	0.0084	-0.0084	-0.0085	-3.41E+06	1.952

2661.860	6199	0	47200	0.0084	-0.0084	-0.0085	-3.43E+06	1.948
2662.860	6200	0	47127	0.0084	-0.0084	-0.0085	-3.43E+06	1.961
2663.860	6200	0	47127	0.0084	-0.0084	-0.0085	-3.45E+06	1.960
2664.860	6200	0	47127	0.0084	-0.0085	-0.0085	-3.45E+06	1.948
2665.860	6199	0	47090	0.0084	-0.0085	-0.0085	-3.47E+06	1.951
2666.860	6202	0	47163	0.0084	-0.0085	-0.0085	-3.52E+06	1.947
2667.860	6201	0	47017	0.0084	-0.0085	-0.0085	-3.49E+06	1.927
2668.860	6201	0	47053	0.0084	-0.0085	-0.0086	-3.51E+06	1.923
2669.860	6200	0	47017	0.0084	-0.0085	-0.0086	-3.50E+06	1.922
2670.860	6199	0	46980	0.0084	-0.0085	-0.0086	-3.49E+06	1.914
2671.850	6199	0	47017	0.0084	-0.0085	-0.0086	-3.52E+06	1.920
2672.850	6200	0	46980	0.0084	-0.0085	-0.0086	-3.50E+06	1.905
2673.850	6200	0	46980	0.0085	-0.0085	-0.0086	-3.51E+06	1.903
2674.850	6199	0	46907	0.0085	-0.0086	-0.0087	-3.51E+06	1.902
2675.850	6202	0	46907	0.0084	-0.0086	-0.0087	-3.49E+06	1.883
2676.850	6200	0	46907	0.0085	-0.0086	-0.0087	-3.48E+06	1.877
2677.850	6199	0	46870	0.0085	-0.0086	-0.0087	-3.53E+06	1.886
2678.850	6200	0	46834	0.0085	-0.0086	-0.0087	-3.56E+06	1.884
2679.850	6199	0	46797	0.0085	-0.0086	-0.0087	-3.53E+06	1.872
2680.850	6198	0	46797	0.0085	-0.0086	-0.0087	-3.52E+06	1.880
2681.850	6200	0	46797	0.0085	-0.0086	-0.0088	-3.49E+06	1.875
2682.850	6200	0	46724	0.0085	-0.0086	-0.0088	-3.47E+06	1.871
2683.850	6200	0	46687	0.0085	-0.0087	-0.0088	-3.49E+06	1.880
2684.850	6199	0	46687	0.0085	-0.0087	-0.0088	-3.51E+06	1.874
2685.850	6200	0	46724	0.0085	-0.0087	-0.0088	-3.50E+06	1.877
2686.850	6199	0	46651	0.0085	-0.0087	-0.0089	-3.52E+06	1.886
2687.850	6200	0	46651	0.0085	-0.0087	-0.0089	-3.51E+06	1.888
2688.850	6199	0	46614	0.0085	-0.0087	-0.0089	-3.51E+06	1.885
2689.850	6201	0	46614	0.0085	-0.0087	-0.0089	-3.55E+06	1.891
2690.850	6201	0	46578	0.0085	-0.0087	-0.0089	-3.53E+06	1.888
2691.850	6201	0	46504	0.0086	-0.0087	-0.0089	-3.53E+06	1.885
2692.850	6199	0	46578	0.0086	-0.0088	-0.0089	-3.51E+06	1.893
2693.850	6200	0	46504	0.0086	-0.0088	-0.0090	-3.52E+06	1.890
2694.850	6199	0	46504	0.0086	-0.0088	-0.0090	-3.51E+06	1.887
2695.850	6199	0	46504	0.0086	-0.0088	-0.0090	-3.51E+06	1.885
2696.850	6201	0	46431	0.0086	-0.0088	-0.0090	-3.51E+06	1.885
2697.850	6199	0	46468	0.0086	-0.0088	-0.0090	-3.49E+06	1.888
2698.850	6199	0	46358	0.0086	-0.0088	-0.0090	-3.51E+06	1.892
2699.850	6200	0	46431	0.0086	-0.0088	-0.0091	-3.49E+06	1.890
2700.850	6199	0	46395	0.0086	-0.0088	-0.0091	-3.50E+06	1.888
2701.850	6199	0	46358	0.0086	-0.0089	-0.0091	-3.51E+06	1.902
2702.840	6200	0	46322	0.0086	-0.0089	-0.0091	-3.47E+06	1.892
2703.840	6199	0	46285	0.0086	-0.0089	-0.0091	-3.45E+06	1.887
2704.840	6199	0	46322	0.0086	-0.0089	-0.0091	-3.46E+06	1.900
2705.840	6199	0	46358	0.0086	-0.0089	-0.0092	-3.48E+06	1.900
2706.840	6199	0	46285	0.0086	-0.0089	-0.0092	-3.44E+06	1.891
2707.840	6199	0	46358	0.0086	-0.0089	-0.0092	-3.44E+06	1.896
2708.840	6199	0	46285	0.0086	-0.0089	-0.0092	-3.44E+06	1.892
2709.840	6200	0	46175	0.0087	-0.0089	-0.0092	-3.43E+06	1.882
2710.840	6199	0	46212	0.0087	-0.0089	-0.0092	-3.46E+06	1.890
2711.840	6201	0	46212	0.0087	-0.0090	-0.0093	-3.46E+06	1.883
2712.840	6199	0	46175	0.0087	-0.0090	-0.0093	-3.46E+06	1.884
2713.840	6199	0	46139	0.0087	-0.0090	-0.0093	-3.50E+06	1.891
2714.840	6199	0	46065	0.0087	-0.0090	-0.0093	-3.53E+06	1.902
2715.840	6199	0	46102	0.0087	-0.0090	-0.0093	-3.54E+06	1.907
2716.840	6200	0	46102	0.0087	-0.0090	-0.0093	-3.55E+06	1.909
2717.840	6199	0	46029	0.0087	-0.0090	-0.0094	-3.56E+06	1.903
2718.840	6200	0	46029	0.0087	-0.0090	-0.0094	-3.52E+06	1.887
2719.840	6200	0	46029	0.0087	-0.0090	-0.0094	-3.54E+06	1.889
2720.840	6201	0	45992	0.0087	-0.0091	-0.0094	-3.57E+06	1.899
2721.840	6199	0	45992	0.0087	-0.0091	-0.0094	-3.58E+06	1.905
2722.840	6199	0	45956	0.0087	-0.0091	-0.0094	-3.61E+06	1.907
2723.840	6199	0	45883	0.0087	-0.0091	-0.0095	-3.58E+06	1.894
2724.840	6199	0	45919	0.0087	-0.0091	-0.0095	-3.61E+06	1.883
2725.840	6202	0	45883	0.0087	-0.0091	-0.0095	-3.60E+06	1.884
2726.840	6201	0	45883	0.0087	-0.0091	-0.0095	-3.60E+06	1.875
2727.840	6200	0	45883	0.0088	-0.0091	-0.0095	-3.63E+06	1.877
2728.840	6200	0	45846	0.0088	-0.0091	-0.0095	-3.68E+06	1.885
2729.840	6199	0	45846	0.0087	-0.0091	-0.0095	-3.68E+06	1.859
2730.840	6201	0	45773	0.0088	-0.0092	-0.0096	-3.66E+06	1.837
2731.840	6199	0	45846	0.0088	-0.0092	-0.0096	-3.62E+06	1.835
2732.840	6200	0	45736	0.0088	-0.0092	-0.0096	-3.65E+06	1.844
2733.840	6199	0	45773	0.0088	-0.0092	-0.0096	-3.58E+06	1.858
2734.830	6199	0	45736	0.0088	-0.0092	-0.0096	-3.58E+06	1.890
2735.830	6200	0	45700	0.0088	-0.0092	-0.0096	-3.56E+06	1.858
2736.830	6198	0	45626	0.0088	-0.0092	-0.0096	-3.51E+06	1.836
2737.830	6200	0	45700	0.0088	-0.0092	-0.0097	-3.48E+06	1.846
2738.830	6200	0	45590	0.0088	-0.0092	-0.0097	-3.47E+06	1.859