

EA02-025

FORD

OCTOBER 27, 2003

APPENDIX N

BOOKS 48 OF 61

PART 3 OF 4

2.70419	70.4053	83.25	730.88	784.391	-2.05841	5.78594	41.2117	-0.010938
2.70519	70.5419	83.5236	730.88	784.885	-2.05841	5.78583	41.6065	-0.011563
2.70619	70.2688	83.9339	731.337	785.211	-2.05841	5.78187	41.5078	-0.012188
2.70719	70.4053	84.0706	730.88	785.484	-2.05841	5.78219	41.3104	-0.012813
2.70819	70.2688	83.3868	731.337	785.894	-2.03395	5.75989	41.4585	-0.012813
2.7092	70.6784	83.5236	732.365	786.577	-2.07084	5.75969	41.7052	-0.012813
2.7102	70.4053	83.7971	731.794	788.079	-2.05841	5.75938	41.8039	-0.0125
2.7112	70.9515	83.5236	732.251	787.869	-2.02988	5.75719	42.1996	-0.011563
2.7122	70.2688	83.5236	730.88	788.577	-2.09102	5.75489	41.7545	-0.015313
2.7132	70.1323	83.5236	731.794	788.352	-2.07471	5.75582	42.1966	-0.012813
2.7142	70.6784	83.5236	732.022	789.172	-2.05841	5.75594	42.4847	-0.01125
2.7152	70.815	83.5236	731.794	788.445	-2.05028	5.78281	42.1493	-0.010938
2.7162	70.4053	83.5236	731.794	790.128	-2.04211	5.75844	42.396	-0.010625
2.7172	70.4053	83.7971	732.707	790.947	-2.08858	5.75844	42.396	-0.010938
2.7182	70.4053	82.9765	732.251	790.947	-1.99727	5.75844	42.4847	-0.010938
2.7192	70.6784	83.7971	732.138	791.767	-2.05028	5.75781	42.396	-0.012813
2.7202	70.815	83.7971	732.593	792.04	-2.04818	5.75969	42.7414	-0.012813
2.7212	70.5419	83.5236	732.707	792.313	-2.03395	5.75969	42.5441	-0.011563
2.7222	70.4053	83.5236	732.836	792.45	-2.05841	5.78375	42.8895	-0.011563
2.7232	70.4053	83.9339	733.393	791.903	-2.07471	5.76406	42.2973	-0.011563
2.7242	70.815	83.7971	732.707	793.542	-2.05841	5.76563	42.7908	-0.014063
2.7252	70.4053	83.5236	733.279	794.225	-2.05841	5.76844	43.0888	-0.01125
2.7262	70.4053	83.5236	733.393	794.908	-2.04211	5.76937	42.6921	-0.012188
2.7272	70.1323	83.5236	734.078	798.411	-2.0258	5.76969	42.6921	-0.012813
2.7282	70.9515	83.5236	734.192	796.411	-2.02988	5.74937	42.8895	-0.01125
2.7292	70.4053	83.1133	734.078	798.547	-2.02988	5.72658	42.9388	-0.011563
2.7302	70.4053	84.0706	733.85	797.367	-2.01357	5.70969	42.7908	-0.011875
2.7312	70.4053	83.25	734.306	797.778	-2.03903	5.71781	42.9882	-0.011563
2.7322	70.1323	83.7971	734.078	799.008	-2.01765	5.78219	42.9882	-0.012188
2.7332	70.6784	83.7971	734.078	798.458	-1.99319	5.76875	43.0888	-0.0125
2.7342	70.1323	83.5236	733.85	797.778	-2.07064	5.76969	42.6921	-0.014375
2.7352	71.2248	83.7971	733.964	799.689	-2.0095	5.76969	43.3829	-0.012188
2.7362	70.6784	83.3868	734.192	800.372	-1.97869	5.7675	43.7777	-0.012813
2.7372	70.6784	84.0706	734.078	801.801	-1.98058	5.76844	43.1362	-0.012188
2.7382	70.4053	83.7971	734.421	802.147	-1.92798	5.76781	43.1855	-0.013438
2.7392	70.6784	83.7971	734.078	801.874	-1.92798	5.76344	43.3336	-0.012188
2.7402	70.5419	83.5236	734.421	802.893	-1.89537	5.76406	43.4816	-0.010938
2.7412	70.815	83.5236	734.992	804.058	-1.89129	5.76469	43.3829	-0.011875
2.7422	70.6784	83.7971	734.992	804.058	-1.91167	5.76344	43.3336	-0.013438
2.7432	70.9515	83.1133	734.878	805.425	-1.88684	5.75969	43.4816	-0.012813
2.7442	70.6784	83.6803	734.992	805.152	-1.87091	5.76406	43.6298	-0.01125
2.7452	70.4053	83.5236	735.22	805.015	-1.88314	5.76469	43.5803	-0.011563
2.7462	70.6784	83.5236	734.535	806.245	-1.83015	5.76531	43.5803	-0.014063
2.7472	70.815	83.5236	735.22	807.084	-1.80569	5.76437	43.7777	-0.012188
2.7482	70.9515	83.5236	735.449	808.293	-1.79754	5.76844	43.679	-0.012188
2.7492	70.9515	84.0706	735.334	808.293	-1.76493	5.76719	43.531	-0.010313
2.7502	70.2688	83.5236	735.449	808.43	-1.75271	5.7675	43.4816	-0.012188
2.7512	70.5419	83.7971	735.908	809.523	-1.7201	5.77219	43.8296	-0.012188
2.7522	70.815	83.7971	735.449	810.479	-1.70787	5.77281	43.679	-0.014063
2.7532	70.6784	83.5236	735.106	810.888	-1.69158	5.77167	43.679	-0.012813
2.7542	70.6784	84.0706	735.22	812.8	-1.8506	5.77082	43.8784	-0.012188
2.7552	70.4053	83.5236	735.449	811.708	-1.65488	5.77094	43.7283	-0.012813

2.7562	70.6784	82.9765	735.22	811.961	-1.81412	5.74969	43.3829	-0.014375
2.7572	70.6784	83.25	734.535	813.347	-1.50407	5.72719	43.8784	-0.014063
2.7582	70.6784	83.5236	735.106	814.166	-1.49999	5.70969	44.1724	-0.012188
2.7592	70.2688	83.5236	735.906	814.986	-1.47553	5.69969	43.7283	-0.011875
2.7602	70.4053	84.0706	735.449	816.078	-1.43885	5.77406	43.7777	-0.012188
2.7612	71.2246	83.7971	735.334	817.581	-1.40824	5.77719	43.679	-0.014688
2.7622	70.1323	83.3688	735.449	817.171	-1.39401	5.77281	43.7777	-0.012813
2.7632	70.4053	83.25	735.677	818.674	-1.35733	5.77219	43.9751	-0.013438
2.7642	70.4053	84.0706	736.362	819.909	-1.32472	5.77187	44.0244	-0.0125
2.7652	70.6784	83.5236	736.02	820.449	-1.3288	5.77406	43.8764	-0.012813
2.7662	70.815	83.5236	736.134	820.449	-1.3288	5.77219	44.0737	-0.010938
2.7672	70.4053	83.7971	737.619	821.542	-1.28396	5.77281	43.9751	-0.007188
2.7682	70.6784	83.25	734.992	822.088	-1.27581	5.76813	43.9751	-0.013125
2.7692	70.4053	83.5236	736.362	823.59	-1.24727	5.76813	44.4192	-0.01125
2.7702	70.9515	83.3688	736.248	824.547	-1.22669	5.76719	43.9751	-0.013125
2.7712	70.5419	83.7971	735.906	824.82	-1.19429	5.76531	44.0244	-0.0125
2.7722	70.4053	84.0706	735.677	825.912	-1.17798	5.76344	43.9751	-0.0125
2.7732	70.815	83.7971	735.906	826.188	-1.13722	5.76584	43.9257	-0.011563
2.7742	70.4053	83.5236	736.248	827.415	-1.11276	5.76719	43.8764	-0.013438
2.7752	70.6784	83.3688	735.906	827.625	-1.10461	5.76719	43.8764	-0.011875
2.7762	70.1323	83.7971	735.677	827.551	-1.11276	5.76669	43.5803	-0.011875
2.7772	70.6784	84.0706	736.677	828.096	-1.04755	5.76669	43.7777	-0.011563
2.7782	70.9515	83.5236	736.619	829.737	-1.04755	5.76669	43.7777	-0.011875
2.7792	70.6784	83.9339	735.449	830.01	-0.998635	5.77531	43.531	-0.012813
2.7802	70.6784	83.3688	735.677	830.829	-0.990483	5.77469	44.2711	-0.011563
2.7812	70.4053	83.7971	736.134	831.922	-0.98233	5.77531	43.679	-0.011875
2.7822	70.4053	83.7971	736.362	832.876	-0.933418	5.78219	43.6286	-0.012813
2.7832	70.815	83.5236	735.906	833.268	-0.904885	5.77844	43.3829	-0.010313
2.7842	71.088	83.6603	736.134	834.38	-0.904885	5.76437	43.679	-0.012813
2.7852	70.6784	84.2074	735.906	834.654	-0.900909	5.73937	43.4818	-0.012188
2.7862	70.815	83.9339	735.906	836.019	-0.917113	5.72094	43.1855	-0.012813
2.7872	69.8592	83.6603	735.906	837.249	-0.884505	5.70594	43.4818	-0.012188
2.7882	70.5419	83.7971	736.134	838.702	-0.855973	5.76906	43.3336	-0.012188
2.7892	70.2688	83.5236	737.048	837.932	-0.831518	5.78781	43.2842	-0.010313
2.7902	70.6784	83.6603	736.248	838.341	-0.802964	5.77969	43.2842	-0.011875
2.7912	70.815	83.5236	736.362	839.024	-0.794832	5.77969	43.679	-0.011875
2.7922	70.9515	83.5236	735.906	840.117	-0.768299	5.77969	43.2349	-0.011875
2.7932	70.2688	83.5236	736.591	841.21	-0.741843	5.78082	43.2842	-0.011563
2.7942	70.9515	83.6603	735.906	841.483	-0.737787	5.77969	43.1855	-0.0125
2.7952	70.9515	83.5236	735.906	842.575	-0.71331	5.77531	43.1855	-0.012188
2.7962	71.2246	83.7971	736.134	843.122	-0.721463	5.77469	43.1855	-0.012813
2.7972	70.6784	83.9339	736.134	843.668	-0.745919	5.77082	42.9882	-0.011563
2.7982	70.2688	83.6603	736.134	845.444	-0.754071	5.77084	43.0868	-0.010313
2.7992	70.4053	83.9339	735.906	844.078	-0.71531	5.7725	43.0868	-0.012813
2.8002	70.4053	83.5236	736.362	845.853	-0.706156	5.77281	43.0868	-0.010313
2.8012	70.4053	83.6603	735.449	845.853	-0.688854	5.77094	42.9882	-0.012813
2.8022	70.4053	83.6603	735.677	847.219	-0.67255	5.77375	43.531	-0.014688
2.8032	70.6784	83.6603	736.248	848.312	-0.680702	5.77594	42.9882	-0.012813
2.8042	70.5419	83.5236	735.677	848.312	-0.656246	5.77719	42.9882	-0.011563
2.8052	70.4053	83.5236	736.134	848.722	-0.623637	5.77781	42.9882	-0.012188
2.8062	70.4053	83.5236	736.591	849.878	-0.627713	5.77908	42.8895	-0.011875
2.8072	70.2688	83.7971	736.02	849.288	-0.599181	5.77969	42.6427	-0.013438

2.8082	70.5419	83.6803	736.382	850.487	-0.623637	5.78094	43.1855	-0.012813
2.8092	70.4053	83.7971	736.819	851.59	-0.591029	5.78594	42.8895	-0.012813
2.8102	70.2688	84.0708	736.248	852.138	-0.554344	5.78719	42.8895	-0.010838
2.8112	70.5419	84.3442	736.705	852	-0.568572	5.78594	42.6921	-0.010313
2.8122	70.1323	83.7971	736.02	851.453	-0.550268	5.78656	42.5834	-0.012188
2.8132	70.9515	83.6803	735.791	852.548	-0.533964	5.74531	42.396	-0.013438
2.8142	69.9958	83.6803	735.908	853.812	-0.53804	5.72781	42.6934	-0.011875
2.8152	69.8592	83.3888	735.677	854.731	-0.525812	5.72694	42.5834	-0.010838
2.8162	70.4053	83.6803	736.248	854.321	-0.509507	5.79844	42.5441	-0.011583
2.8172	70.9515	83.3888	736.705	855.414	-0.509507	5.78562	42.396	-0.014375
2.8182	70.9515	83.7971	736.134	855.414	-0.476899	5.78781	42.3487	-0.011583
2.8192	69.9958	84.0708	735.677	855.351	-0.609507	5.78594	42.1988	-0.0125
2.8202	70.9515	84.0708	736.134	856.507	-0.525812	5.78625	42.1988	-0.012813
2.8212	70.2688	83.6803	736.134	855.824	-0.493203	5.78531	42.1	-0.012188
2.8222	70.815	84.2074	737.048	857.053	-0.480975	5.78825	42.1483	-0.010838
2.8232	70.815	83.25	736.448	857.483	-0.480975	5.78344	42.1988	-0.013438
2.8242	70.5419	83.5236	736.382	857.873	-0.488747	5.78094	42.4947	-0.011875
2.8252	70.9515	83.7971	736.02	858.102	-0.488747	5.77989	42.3487	-0.012813
2.8262	70.5419	83.6803	735.791	858.985	-0.468619	5.77906	42.1886	-0.013125
2.8272	70.6784	84.0708	736.382	860.058	-0.452443	5.77938	42.1886	-0.011583
2.8282	70.6784	84.3442	736.382	860.488	-0.448367	5.77989	42.0506	-0.012188
2.8292	70.6784	84.0708	736.02	860.804	-0.427986	5.78281	41.9026	-0.013438
2.8302	70.815	84.2074	736.382	860.488	-0.480595	5.78312	42.0013	-0.012188
2.8312	70.4053	83.5236	736.248	861.424	-0.448367	5.78281	42.2973	-0.012188
2.8322	70.815	83.7971	736.134	861.97	-0.444291	5.78781	41.8039	-0.013438
2.8332	70.6784	84.0708	737.733	862.107	-0.432082	5.78125	41.7545	-0.007813
2.8342	70.6784	83.6803	736.248	861.97	-0.427986	5.78844	42.0013	-0.013125
2.8352	71.3611	83.6803	736.382	862.853	-0.427986	5.78844	41.8532	-0.013125
2.8362	70.9515	83.5236	736.382	863.083	-0.415758	5.78408	42.1	-0.013125
2.8372	70.4053	84.0708	736.382	863.748	-0.42381	5.79408	42.0013	-0.0125
2.8382	70.4053	83.8339	736.382	863.882	-0.399454	5.79719	42.0013	-0.011583
2.8392	71.088	83.6803	736.477	864.975	-0.411682	5.78219	41.9026	-0.01125
2.8402	70.9515	83.7971	736.591	864.165	-0.399454	5.79389	41.8026	-0.012813
2.8412	70.815	83.7971	737.505	865.111	-0.411682	5.74094	41.9026	-0.012813
2.8422	71.2246	83.5236	736.819	866.477	-0.415758	5.73158	41.8039	-0.011583
2.8432	70.9515	83.6803	736.382	865.794	-0.399454	5.79469	41.9026	-0.011583
2.8442	70.9515	83.7971	737.182	867.287	-0.395378	5.79594	41.7545	-0.010838
2.8452	70.9515	83.6803	736.933	868.341	-0.38315	5.79312	41.5572	-0.015
2.8462	70.6784	83.5236	737.276	867.433	-0.385378	5.79594	42.1988	-0.011583
2.8472	71.2246	83.7971	737.048	867.433	-0.387228	5.79469	41.8039	-0.012813
2.84821	70.9515	83.3888	737.276	868.799	-0.386845	5.79281	41.7545	-0.011583
2.84921	70.6784	83.6803	736.819	868.799	-0.379074	5.79094	42.0013	-0.011583
2.85021	71.2246	83.6803	737.276	869.819	-0.334237	5.78875	42.0013	-0.010838
2.85121	71.3611	83.7971	736.591	868.528	-0.322009	5.78719	41.8532	-0.011875
2.85221	70.9515	83.8339	736.705	869.819	-0.38315	5.78562	41.8039	-0.012813
2.85321	70.815	83.7971	736.819	871.258	-0.379074	5.78489	41.7545	-0.013438
2.85421	70.815	83.7971	737.048	869.892	-0.346485	5.78437	42.1	-0.011583
2.85521	70.6784	83.5236	736.591	870.711	-0.330181	5.78594	41.8532	-0.012188
2.85621	70.9515	83.6803	737.276	870.984	-0.330181	5.78969	41.7545	-0.012188
2.85721	70.1323	83.6803	737.048	870.984	-0.313857	5.78844	41.8559	-0.013438
2.85821	70.815	83.7971	736.591	871.258	-0.305705	5.78989	41.8039	-0.013438
2.85921	71.2246	83.8339	736.933	872.897	-0.2894	5.79094	41.9519	-0.011875

2.88021	70.815	83.6603	737.162	872.76	-0.287552	5.78469	41.8532	-0.01375
2.88121	70.9515	83.6603	736.819	872.897	-0.277172	5.78406	41.4091	-0.012188
2.88221	70.6784	83.6603	736.819	872.897	-0.232335	5.78781	41.7052	-0.013125
2.88321	70.5419	83.8339	736.248	872.897	-0.28902	5.78844	41.8039	-0.011875
2.88421	70.9515	83.7871	737.048	873.308	-0.252716	5.78812	41.8039	-0.013125
2.88521	71.088	83.5238	737.048	873.853	-0.24864	5.78908	41.8559	-0.011583
2.88621	70.9515	83.8339	737.162	873.853	-0.240488	5.77844	41.7545	-0.007813
2.88721	70.6784	84.0708	736.362	873.853	-0.232335	5.75531	41.8559	-0.010938
2.88821	70.6784	82.9785	736.705	874.809	-0.220107	5.73719	41.7545	-0.011583
2.88921	70.815	83.5238	737.048	874.809	-0.199727	5.72844	41.7052	-0.012813
2.87021	70.4053	84.0708	736.705	875.492	-0.183423	5.79989	41.7052	-0.013125
2.87121	70.815	83.9339	736.819	876.038	-0.187499	5.80219	41.8869	-0.012813
2.87221	70.5419	83.5238	736.362	876.038	-0.187499	5.79989	41.8085	-0.012813
2.87321	70.6784	83.5238	736.591	876.448	-0.142862	5.79989	41.4585	-0.011583
2.87421	70.6784	84.0708	736.362	876.175	-0.183423	5.79719	41.5572	-0.013438
2.87521	70.2888	83.7871	736.819	877.267	-0.142862	5.79844	41.8085	-0.011875
2.87621	70.815	83.5238	736.591	877.267	-0.138588	5.79844	41.3104	-0.012813
2.87721	70.6784	83.3888	737.733	877.267	-0.122282	5.79781	41.8085	-0.007813
2.87821	70.815	83.7871	735.908	877.814	-0.118208	5.79406	41.2811	-0.0125
2.87921	70.9515	83.6603	736.134	878.087	-0.089873	5.79406	41.0637	-0.012813
2.88021	70.6784	83.7871	736.705	878.908	-0.061141	5.78469	41.9519	-0.011583
2.88121	70.6784	83.9339	736.362	878.36	-0.061521	5.79469	41.2117	-0.012188
2.88221	70.9515	83.7871	736.362	878.908	-0.057085	5.79844	41.8085	-0.010938
2.88321	71.2248	83.6603	736.362	878.728	-0.044837	5.79594	41.5078	-0.01125
2.88421	70.6784	83.7871	736.591	878.36	-0.008152	5.79719	41.3586	-0.010625
2.88521	71.2248	83.5238	736.134	878.179	-0.028532	5.79781	41.3104	-0.011875
2.88621	70.815	84.3442	736.248	880.272	-0.036885	5.79719	41.4585	-0.012813
2.88721	70.9515	83.3888	736.362	879.728	-0.028532	5.80219	41.3586	-0.012188
2.88821	70.6784	83.6603	736.02	879.453	-0.004078	5.80437	41.3586	-0.011583
2.88921	70.9515	83.6603	736.591	880.272	-0.004078	5.80469	41.0144	-0.013438
2.89021	70.6784	83.7871	735.908	880.545	-0.012228	5.80656	41.8559	-0.014083
2.89121	70.9515	83.5238	736.362	881.228	0.028532	5.80989	41.2811	-0.012813
2.89221	70.6784	83.7871	736.248	880.818	-0.004078	5.80594	41.1131	-0.012188
2.89321	71.2248	83.7871	736.362	880.818	-0.004078	5.78469	41.2117	-0.010938
2.89421	71.2248	83.6603	736.248	880.545	-0.004078	5.75889	40.985	-0.012813
2.89521	70.9515	83.5238	736.134	880.955	0.028532	5.74312	40.9157	-0.012813
2.89621	69.9958	84.0708	736.908	881.365	-0.004078	5.78281	41.3104	-0.01125
2.89721	70.6784	83.6603	735.908	882.731	-0.004078	5.82344	40.9157	-0.013438
2.89821	70.6784	83.7871	735.908	880.545	-0.004078	5.80844	41.0144	-0.012813
2.89921	70.815	83.1133	736.705	881.638	-0.004078	5.81156	41.1131	-0.012188
2.90021	70.9515	82.9785	735.908	880.955	-0.02038	5.80625	40.5209	-0.013438
2.90121	71.4977	83.5238	735.677	882.731	-0.004078	5.80875	40.9157	-0.013125
2.90221	70.815	83.25	736.02	882.594	-0.004078	5.80489	41.3586	-0.011875
2.90321	70.815	83.7871	736.362	882.457	-0.004078	5.80158	40.817	-0.014083
2.90421	71.088	83.7871	736.02	883.14	-0.004078	5.80531	40.7876	-0.012813
2.90521	71.088	83.5238	735.449	882.731	-0.004078	5.79989	40.8196	-0.012188
2.90621	70.815	83.6603	735.22	883.55	0.040781	5.79989	40.8883	-0.011583
2.90721	71.2248	83.3888	735.449	883.14	0.024456	5.80187	40.7183	-0.013125
2.90821	70.9515	83.5238	735.449	883.55	-0.004078	5.79989	40.5703	-0.010938
2.90921	70.9515	84.0708	735.908	882.731	0.028532	5.80312	40.7183	-0.011875
2.91021	70.815	83.5238	735.22	882.731	-0.004078	5.80437	40.5209	-0.011583
2.91121	70.815	83.6603	735.334	882.594	-0.004078	5.80158	40.3235	-0.014088

2.91221	70.8515	83.5236	735.22	882.731	-0.004076	5.80489	40.4222	-0.012813
2.91321	70.8515	83.5236	734.878	883.823	-0.004076	5.80844	40.888	-0.012813
2.91421	71.088	83.5236	735.449	883.277	-0.02038	5.81187	40.1755	-0.012813
2.91521	70.815	83.7971	734.783	882.731	-0.004076	5.81312	40.3235	-0.01125
2.91621	70.9515	83.9339	734.982	883.277	-0.004076	5.81489	40.2249	-0.010838
2.91721	71.3611	83.9339	735.22	883.823	0.048913	5.81844	39.9781	-0.010625
2.91821	70.815	83.7971	734.783	883.823	0.02038	5.81531	40.1755	-0.012813
2.91921	70.815	82.8398	735.563	883.413	-0.004076	5.79375	39.8301	-0.012813
2.92021	71.3611	83.3868	735.106	883.823	0.02038	5.77219	39.9781	-0.011876
2.92121	71.088	83.7971	734.878	883.55	-0.004076	5.75187	39.7314	-0.0125
2.92221	70.9515	83.7971	733.393	882.184	-0.048913	5.75989	39.4353	-0.014888
2.92321	70.9515	83.7971	734.078	884.096	-0.004076	5.83094	39.8301	-0.012813
2.92421	70.9515	83.7971	734.535	883.823	-0.004076	5.81531	39.9288	-0.014375
2.92521	70.9515	83.5236	734.535	884.37	-0.004076	5.81844	39.8327	-0.011875
2.92621	70.6784	83.7971	734.421	884.508	-0.004076	5.82281	39.4353	-0.012188
2.92721	70.9515	83.5236	734.308	883.823	-0.004076	5.81489	39.4847	-0.01375
2.92821	71.2248	83.5236	734.535	883.277	0.044837	5.81406	39.388	-0.012188
2.92921	70.9515	83.7971	734.535	884.096	-0.004076	5.81219	39.1888	-0.0125
2.93021	70.815	83.5236	734.078	884.916	-0.004076	5.81219	39.0406	-0.01375
2.93121	70.9515	83.7971	734.078	884.643	-0.004076	5.80989	39.1888	-0.012813
2.93221	71.2248	83.7971	733.621	883.823	-0.004076	5.81158	39.0406	-0.010825
2.93321	70.9515	83.5236	734.078	882.457	-0.012228	5.80781	38.6986	-0.013438
2.93421	71.4877	83.5236	733.393	883.823	-0.004076	5.80856	38.8432	-0.012813
2.93521	71.3611	83.5236	733.984	884.096	-0.004076	5.80908	39.0406	-0.012813
2.93621	71.2248	83.5236	733.621	884.916	0.02038	5.81094	38.5471	-0.012813
2.93721	70.9515	83.3868	733.85	884.37	0.028532	5.81375	38.7445	-0.011583
2.93821	71.3611	83.8603	733.393	884.37	0.02038	5.81158	38.4484	-0.012813
2.93921	70.4053	84.0708	733.621	884.643	0.036685	5.81489	38.3991	-0.014688
2.94021	71.3611	83.7971	733.279	884.37	-0.004076	5.81489	38.6458	-0.011583
2.94121	70.5419	83.9339	733.507	884.37	-0.004076	5.81625	38.1524	-0.011583
2.94221	71.3611	83.5236	733.184	884.096	-0.004076	5.81908	38.3498	-0.013125
2.94321	70.9515	83.1133	733.05	883.823	-0.004076	5.82082	37.8583	-0.012813
2.94421	70.9515	83.5236	733.279	883.14	-0.040761	5.80844	37.8098	-0.012813
2.94521	70.6784	83.5236	732.707	884.916	0.036685	5.79158	37.9057	-0.015313
2.94621	70.9518	83.5236	732.479	883.277	-0.004076	5.77219	38.1524	-0.010625
2.94721	70.9515	83.8339	733.184	884.643	-0.004076	5.75582	37.8583	-0.011583
2.94821	70.9515	83.7971	732.251	884.096	-0.004076	5.77989	37.8589	-0.011583
2.94921	70.9515	83.3868	732.251	884.37	-0.004076	5.83844	37.4615	-0.012188
2.95021	71.4977	84.0708	732.022	884.37	0.028532	5.81989	37.2642	-0.012188
2.95121	71.3611	83.7971	732.138	884.37	-0.004076	5.82719	37.1855	-0.012813
2.95221	70.9515	83.5236	732.138	884.233	-0.004076	5.82469	37.0688	-0.012813
2.95321	70.9515	83.25	731.565	884.916	-0.004076	5.82219	37.2148	-0.012813
2.95421	70.9515	83.8603	731.451	884.096	-0.008152	5.82344	37.0174	-0.013438
2.95521	71.088	84.0708	731.679	882.731	-0.040761	5.81989	38.4747	-0.013438
2.95621	71.3611	83.7971	731.337	884.37	0.02038	5.81844	38.8894	-0.013438
2.95721	71.2248	83.5236	731.337	884.233	-0.004076	5.81989	37.2148	-0.012813
2.95821	70.9515	83.7971	731.337	884.779	-0.004076	5.81908	38.872	-0.011875
2.95921	70.815	83.9339	730.786	884.096	-0.004076	5.81594	38.872	-0.012188
2.96021	71.2248	83.7971	731.794	884.643	0.028532	5.81989	38.524	-0.012813
2.96121	70.815	83.8603	731.223	884.643	0.036685	5.82158	38.1786	-0.012813
2.96221	70.9515	83.3868	730.88	883.687	-0.004076	5.81989	38.8227	-0.012813
2.96321	70.6784	83.7971	730.786	884.779	-0.004076	5.81989	38.4747	-0.011583

2.98421	71.088	83.8603	730.195	885.052	-0.004078	5.82344	36.0799	-0.012813
2.98521	71.2248	83.5236	730.768	883.413	-0.004078	5.82406	36.4747	-0.011563
2.98621	70.9515	83.5236	730.88	883.55	-0.004078	5.82594	36.2773	-0.00875
2.98721	70.9515	83.6603	729.966	883.823	-0.004078	5.83063	35.8625	-0.013125
2.98821	70.9515	83.1133	730.651	883.823	-0.004078	5.83063	36.6227	-0.011876
2.98921	70.9515	83.25	729.738	883.277	-0.004078	5.82968	35.8625	-0.011563
2.97021	71.2248	84.0708	730.195	883.277	-0.004078	5.81875	35.8625	-0.010938
2.97121	70.9515	83.9339	729.738	883.277	-0.004078	5.78968	35.8651	-0.013125
2.97221	70.2688	83.7971	729.738	883.55	-0.004078	5.77219	35.3691	-0.012188
2.97321	70.9515	83.5236	729.509	882.594	-0.004078	5.76698	35.8651	-0.011563
2.97421	70.6784	83.5236	728.936	882.594	-0.008152	5.81968	35.4364	-0.011563
2.97521	70.815	84.0708	729.281	882.731	-0.004078	5.83875	35.3397	-0.012813
2.97621	70.9515	83.1133	729.968	882.731	-0.004078	5.83219	35.093	-0.011876
2.97721	70.9515	83.8603	729.509	881.638	-0.016304	5.83187	34.9943	-0.012813
2.97821	70.6784	83.7971	728.824	881.911	-0.004078	5.82968	34.8958	-0.014063
2.97921	70.9515	84.0708	728.824	881.638	-0.004078	5.82906	35.1917	-0.013125
2.98021	71.088	83.5236	728.71	882.184	-0.004078	5.83094	34.5502	-0.013438
2.98121	70.6784	83.1133	728.938	881.638	-0.004078	5.82937	34.7476	-0.011563
2.98221	70.9515	83.5236	728.938	881.911	-0.004078	5.82719	34.5502	-0.011563
2.98321	70.6784	83.5236	728.481	880.955	-0.004078	5.82219	34.5998	-0.012188
2.98421	71.088	83.7971	726.139	881.092	0.016304	5.82219	34.5009	-0.0125
2.98521	71.088	83.9339	727.91	881.228	-0.008152	5.82344	34.3035	-0.012188
2.98622	70.9515	83.5236	727.91	880.818	-0.004078	5.82584	34.3035	-0.012813
2.98722	71.3611	83.5236	726.997	879.862	-0.02038	5.82375	34.3035	-0.0125
2.98822	70.815	83.9339	728.71	879.999	-0.004078	5.82531	34.2541	-0.008375
2.98922	71.3611	83.5236	727.111	879.179	-0.004078	5.82719	34.2541	-0.014063
2.99022	71.2248	83.8603	727.225	879.726	-0.004078	5.82825	34.8489	-0.012188
2.99122	70.9515	83.7971	727.111	879.316	-0.004078	5.83094	34.0588	-0.012813
2.99222	70.9515	83.5236	727.225	878.906	-0.004078	5.83437	34.1061	-0.012188
2.99322	70.9515	83.9339	727.225	878.36	-0.004078	5.83281	33.8594	-0.011563
2.99422	70.815	83.9339	727.225	878.36	-0.004078	5.83469	33.9087	-0.01375
2.99522	70.9515	82.9765	727.111	877.131	-0.004078	5.83219	33.81	-0.012813
2.99622	71.2248	83.7971	726.311	876.994	-0.004078	5.8075	33.7114	-0.013438
2.99722	70.9515	84.0708	726.311	877.54	-0.004078	5.78489	33.662	-0.014063
2.99822	70.9515	83.5236	726.083	875.765	-0.012228	5.78856	33.514	-0.011563
2.99922	70.9515	83.7971	726.987	875.765	-0.004078	5.78844	33.4153	-0.008888
3.00022	71.2248	83.7971	726.854	874.809	-0.004078	5.84989	33.4153	-0.013125
3.00122	70.9515	83.5236	726.083	873.989	-0.004078	5.83489	33.9581	-0.013438
3.00222	70.2688	84.2074	725.397	873.306	-0.004078	5.83719	33.4153	-0.012813
3.00322	70.9515	83.7971	725.854	872.897	-0.004078	5.83856	33.4153	-0.013438
3.00422	70.9515	83.5236	725.397	872.76	0.036885	5.83838	33.4848	-0.011875
3.00522	70.4053	83.5236	725.168	871.258	-0.004078	5.83437	33.2179	-0.012188
3.00622	71.3611	83.5236	724.826	870.864	-0.004078	5.83531	33.3659	-0.012813
3.00722	70.9515	83.8603	725.397	870.864	-0.012228	5.83437	33.3659	-0.012188
3.00822	70.9515	83.5236	724.941	870.438	-0.004078	5.83312	33.3188	-0.011563
3.00922	70.815	83.5236	724.941	868.526	-0.004078	5.83156	33.3188	-0.013125
3.01022	70.815	83.7971	724.941	868.799	-0.004078	5.83063	33.2673	-0.010625
3.01122	71.088	83.8603	724.027	867.297	0.02038	5.83187	33.3188	-0.014063
3.01222	71.2248	83.5236	724.255	868.887	-0.004078	5.83156	33.81	-0.011563
3.01322	70.815	83.25	724.255	868.341	-0.004078	5.83406	33.2179	-0.014063
3.01422	70.815	83.5236	724.37	866.668	-0.004078	5.83281	33.2673	-0.011875
3.01522	71.3611	83.5236	724.141	864.976	-0.004078	5.83437	33.3188	-0.012813

3.01622	70.5419	84.2074	724.484	884.155	0.024458	5.83469	33.4153	-0.011563
3.01722	70.9515	83.8803	723.456	882.853	0.044837	5.83719	33.1192	-0.012813
3.01822	71.2248	84.3442	724.027	882.928	-0.004078	5.83719	33.2673	-0.013125
3.01922	71.2248	83.5296	723.456	882.38	-0.004078	5.83908	33.1192	-0.012813
3.02022	70.4053	84.2074	723.57	859.785	-0.004078	5.83719	33.1192	-0.012188
3.02122	70.815	83.8803	723.57	859.785	-0.004078	5.81719	33.2179	-0.010825
3.02222	70.9515	83.5296	723.113	858.419	-0.008152	5.79594	32.8725	-0.012813
3.02322	70.815	82.9785	723.113	858.008	-0.004078	5.7775	33.0205	-0.012813
3.02422	70.9515	83.7971	722.428	857.328	-0.004078	5.77812	33.0899	-0.011563
3.02522	71.4977	83.7971	722.542	856.234	0.016304	5.85344	33.1888	-0.012813
3.02622	70.6784	84.0708	722.428	855.414	0.02038	5.84158	32.9218	-0.012813
3.02722	70.6784	83.5296	722.542	854.458	-0.004078	5.84344	33.1192	-0.011563
3.02822	70.9515	83.5296	722.199	854.048	0.02038	5.84281	33.0899	-0.011563
3.02922	70.9515	83.5296	722.085	853.229	-0.004078	5.84469	32.7245	-0.012813
3.03022	70.6784	83.8803	722.199	853.229	-0.004078	5.84158	32.9218	-0.012813
3.03122	70.6784	83.3868	722.428	851.453	-0.004078	5.84125	33.0205	-0.010838
3.03222	70.6784	83.8868	722.542	850.834	-0.008152	5.83969	32.9218	-0.008438
3.03322	70.815	83.8803	721.828	849.678	-0.004078	5.83887	32.8725	-0.013438
3.03422	70.9515	83.7971	721.286	849.814	-0.004078	5.83489	33.2179	-0.011563
3.03522	70.9515	83.7971	721.742	849.288	0.02038	5.83591	33.2673	-0.010838
3.03622	70.9515	82.9785	721.514	848.858	-0.004078	5.83531	32.8232	-0.012188
3.03722	70.9515	83.5296	720.829	847.356	-0.004078	5.83938	33.0205	-0.013438
3.03822	70.815	83.9339	721.057	847.083	-0.004078	5.83812	32.9712	-0.012813
3.03922	70.6784	83.5296	721.286	846.89	0.032809	5.83719	33.1888	-0.01125
3.04022	71.3811	83.5296	720.829	845.444	-0.012228	5.83989	33.0899	-0.012813
3.04122	71.2248	83.7971	720.829	848.127	-0.004078	5.83908	33.1192	-0.01375
3.04222	70.9515	83.8803	720.258	843.395	-0.004078	5.83908	33.2673	-0.012813
3.04322	70.9515	83.5296	721.828	843.258	-0.004078	5.84281	33.1192	-0.01125
3.04422	70.9515	83.3868	720.143	842.302	-0.004078	5.84469	33.0205	-0.014888
3.04522	71.4977	83.8803	720.829	842.439	-0.004078	5.84158	33.3859	-0.011563
3.04622	70.6784	83.7971	720.486	842.166	0.02038	5.8225	33.3168	-0.01125
3.04722	70.815	83.5296	719.815	841.21	0.024458	5.80219	33.1192	-0.013438
3.04822	71.2248	83.9339	719.887	840.936	-0.004078	5.78594	33.3168	-0.011563
3.04922	71.3811	83.9339	719.801	840.39	-0.004078	5.78344	33.1192	-0.01125
3.05022	71.4977	83.9339	719.887	839.844	0.02038	5.85687	33.0205	-0.012813
3.05122	71.2248	83.8803	719.23	839.024	-0.004078	5.84844	33.0205	-0.010825
3.05222	70.4053	83.5296	718.815	840.117	0.024458	5.84989	32.9218	-0.013438
3.05322	70.815	83.3868	719.001	837.795	-0.004078	5.84844	33.1192	-0.011875
3.05422	70.4053	84.0708	719.887	837.932	-0.004078	5.8475	33.2179	-0.01125
3.05522	70.815	83.5296	719.001	837.385	-0.004078	5.84894	33.1192	-0.012188
3.05622	70.9515	83.3868	718.887	836.839	-0.004078	5.84658	33.7114	-0.012813
3.05722	70.9515	83.7971	718.773	836.976	-0.004078	5.84469	33.2179	-0.012188
3.05822	70.4053	83.7971	718.43	836.429	-0.004078	5.84094	33.2179	-0.011563
3.05922	70.9515	83.3868	719.115	837.112	-0.004078	5.84219	33.2673	-0.012813
3.06022	71.088	83.9339	718.088	835.479	-0.004078	5.83938	33.3168	-0.012188
3.06122	70.9515	83.5296	718.773	835.746	0.044837	5.83969	33.3168	-0.012188
3.06222	70.9515	83.5296	718.318	834.654	-0.028532	5.84344	33.4153	-0.011875
3.06322	70.9515	83.8803	718.088	836.019	-0.004078	5.84125	33.3168	-0.012813
3.06422	70.9515	83.7971	718.088	834.854	-0.004078	5.83989	33.4648	-0.012188
3.06522	71.2248	83.3868	718.544	834.927	-0.004078	5.84344	33.514	-0.009063
3.06622	71.088	83.5296	718.318	834.107	-0.012228	5.84408	33.4153	-0.013125
3.06722	70.9515	83.8803	717.858	833.834	-0.004078	5.84781	33.514	-0.014083

3.06822	71.2248	84.0706	717.745	834.107	0.02038	5.84906	33.8594	-0.012813
3.06922	70.815	83.3868	717.174	833.581	0.032608	5.84906	33.882	-0.012188
3.07022	71.2248	83.7871	717.516	833.015	-0.004078	5.84812	33.4846	-0.011563
3.07122	70.9515	83.6603	717.516	833.015	-0.004078	5.82906	33.7114	-0.011875
3.07222	70.9515	83.3868	717.631	833.288	0.036685	5.81031	33.514	-0.012188
3.07322	71.2248	83.9339	717.174	833.015	-0.012228	5.78969	33.514	-0.012813
3.07422	70.815	83.25	717.631	832.332	-0.004078	5.78594	33.514	-0.012813
3.07522	71.088	83.7871	717.402	831.922	-0.004078	5.85875	33.514	-0.011875
3.07622	70.9515	83.7871	718.773	832.059	-0.004078	5.85281	33.514	-0.009888
3.07722	70.9515	83.25	716.831	831.649	0.02038	5.85281	33.6127	-0.013438
3.07822	70.815	83.5236	717.08	831.512	0.02038	5.84969	33.5833	-0.012813
3.07922	70.9515	83.5236	717.174	831.649	0.02038	5.85219	33.7114	-0.014375
3.08022	70.4053	83.3868	717.631	831.649	0.02038	5.85344	33.514	-0.012813
3.08122	71.088	84.2074	717.745	831.378	0.024456	5.85219	33.81	-0.010825
3.08222	70.9515	83.6603	716.717	830.893	0.024456	5.84719	33.514	-0.011563
3.08322	70.9515	83.7871	716.26	831.649	0.040761	5.84844	33.7114	-0.011563
3.08422	70.815	83.7871	716.26	831.102	-0.004078	5.84594	33.6127	-0.012813
3.08522	70.4053	83.7871	716.26	831.239	-0.004078	5.84219	33.7114	-0.012813
3.08622	71.088	83.5236	716.26	830.01	-0.02038	5.84437	33.7807	-0.01375
3.08722	70.9515	83.25	716.032	830.283	0.028532	5.84719	33.81	-0.012188
3.08822	70.815	83.3868	716.26	830.283	-0.004078	5.84469	33.7807	-0.012813
3.08922	70.9515	83.9339	716.146	830.146	-0.004078	5.84844	34.2048	-0.011563
3.09022	70.9515	83.7871	716.26	829.737	0.016304	5.85313	34.2048	-0.012813
3.09122	70.9515	83.5236	716.146	830.283	-0.004078	5.85094	33.81	-0.012813
3.09222	70.6784	83.6603	716.032	830.283	-0.004078	5.85781	34.1061	-0.013438
3.09322	70.9515	83.7871	716.032	830.146	0.02038	5.85344	33.9561	-0.0125
3.09422	71.2248	84.0706	715.575	830.146	0.044837	5.85556	34.1061	-0.012188
3.09522	70.9515	83.5236	715.803	828.673	-0.004078	5.85719	34.1061	-0.012188
3.09622	71.088	83.7871	716.032	830.283	0.02038	5.83594	34.0074	-0.0125
3.09722	70.9515	83.7871	715.481	829.034	-0.004078	5.81094	34.1061	-0.013125
3.09822	70.815	83.6603	716.032	829.6	-0.004078	5.79531	34.2048	-0.010838
3.09922	71.2248	83.9339	715.803	828.917	-0.004078	5.80125	33.8087	-0.012188
3.10022	71.2248	84.2074	715.346	828.371	-0.004078	5.88906	34.5996	-0.012188
3.10122	70.9515	83.5236	715.689	829.19	0.024456	5.85719	34.1555	-0.013438
3.10222	70.9515	83.7871	715.346	829.19	0.036685	5.85875	34.3035	-0.014375
3.10322	70.9515	83.5236	715.004	828.844	-0.004078	5.85812	34.3035	-0.014888
3.10422	70.6784	83.5236	715.118	828.507	-0.004078	5.85719	34.4515	-0.012813
3.10522	70.9515	83.5236	715.689	828.19	0.028532	5.85562	34.3035	-0.01125
3.10622	70.815	83.6603	715.118	828.098	-0.024456	5.85313	34.6489	-0.011563
3.10722	70.9515	83.7871	715.346	829.6	0.02038	5.85344	34.5009	-0.011563
3.10822	71.2248	83.6603	715.118	828.844	-0.004078	5.85094	34.5502	-0.012188
3.10922	71.2248	83.7871	715.118	828.098	0.02038	5.84906	34.5009	-0.012188
3.11022	70.9515	83.5236	715.346	828.507	-0.004078	5.84906	34.5502	-0.0125
3.11122	71.2248	83.5236	713.976	828.371	-0.004078	5.85094	34.6882	-0.012813
3.11222	71.088	84.0706	715.575	829.19	-0.004078	5.85156	35.3397	-0.011563
3.11322	71.2248	84.2074	715.118	829.19	-0.004078	5.85406	34.8463	-0.010838
3.11422	70.9515	83.5236	714.318	829.19	-0.004078	5.85719	35.093	-0.012188
3.11522	70.9515	83.7871	714.775	829.054	-0.008152	5.85469	34.6882	-0.012813
3.11622	70.9515	83.5236	714.433	829.19	0.044837	5.85969	34.7869	-0.0125
3.11722	71.088	83.25	714.775	829.6	-0.004078	5.88156	34.8943	-0.011875
3.11822	70.9515	83.7871	714.881	828.371	-0.004078	5.85969	35.1917	-0.0125
3.11922	71.4877	83.7871	714.775	829.19	-0.004078	5.88344	34.9843	-0.012813

3.12022	70.4053	83.7971	718.26	829.484	0.024456	5.85844	35.1917	-0.010313
3.12122	70.4053	83.5236	714.433	828.507	-0.004076	5.82989	35.093	-0.014063
3.12222	70.9515	83.3668	713.747	827.888	-0.004076	5.81489	35.093	-0.014063
3.12322	71.2248	83.5236	714.888	829.484	0.028532	5.78812	35.6851	-0.01125
3.12422	70.9515	83.7971	714.433	828.644	-0.004076	5.83219	34.8956	-0.013436
3.12523	71.2248	84.0708	714.433	829.19	-0.004076	5.88156	35.241	-0.012813
3.12623	70.9515	83.5236	714.433	829.19	-0.004076	5.86406	35.3397	-0.012813
3.12723	70.4053	84.3442	714.433	829.054	0.036885	5.86719	35.1917	-0.012813
3.12823	70.4053	83.6603	714.433	829.19	-0.004076	5.86697	35.241	-0.012813
3.12923	70.9515	83.7971	714.204	829.19	-0.012228	5.86406	35.2904	-0.012813
3.13023	70.9515	83.7971	714.433	830.148	-0.004076	5.86158	35.3891	-0.012188
3.13123	71.088	84.0708	714.433	828.507	-0.004076	5.86158	35.4878	-0.01125
3.13223	70.9515	83.7971	713.978	828.371	-0.008152	5.85989	35.0437	-0.014888
3.13323	70.9515	83.5236	714.204	828.507	-0.004076	5.85989	35.8358	-0.011583
3.13423	71.2248	83.7971	713.978	828.917	-0.004076	5.85887	35.8825	-0.011583
3.13523	70.4053	84.0708	713.978	829.19	-0.004076	5.85858	35.3891	-0.013436
3.13623	71.2248	84.0708	713.747	829.19	-0.004076	5.85989	35.7945	-0.012188
3.13723	70.815	83.5236	713.747	829.19	-0.004076	5.85719	35.6851	-0.012813
3.13823	70.9515	83.7971	713.978	829.19	-0.004076	5.85781	35.3891	-0.012188
3.13923	70.815	83.5236	714.09	828.054	-0.018304	5.85719	35.7945	-0.0125
3.14023	71.4977	84.3442	714.433	830.829	0.02038	5.85989	35.9812	-0.011875
3.14123	70.815	83.5236	714.318	829.19	-0.004076	5.86158	35.6851	-0.012813
3.14223	70.9515	83.7971	714.09	828.917	-0.012228	5.85989	35.8825	-0.012188
3.14323	71.2248	83.6603	713.519	828.098	-0.044837	5.88281	35.3891	-0.014063
3.14423	71.2248	83.7971	713.633	828.098	-0.004076	5.88344	35.9812	-0.013436
3.14523	71.2248	83.7971	713.978	828.917	-0.004076	5.84489	36.1788	-0.012813
3.14623	70.8784	84.2074	713.978	829.327	-0.004076	5.82719	35.8825	-0.013125
3.14723	70.9515	83.3668	714.204	829.873	-0.004076	5.81094	36.0308	-0.01125
3.14823	71.088	83.6603	713.747	829.873	-0.004076	5.79856	35.9812	-0.012188
3.14923	71.088	84.0708	713.861	829.737	-0.004076	5.88812	36.2279	-0.010838
3.15023	71.4977	83.9339	714.318	829.737	0.02038	5.87219	36.0308	-0.011875
3.15123	71.088	83.5236	713.978	830.283	0.040761	5.88812	35.7838	-0.012813
3.15223	70.4053	84.3442	713.978	829.19	-0.004076	5.87063	35.8825	-0.012813
3.15323	71.088	83.6603	713.519	828.917	-0.004076	5.88719	36.0799	-0.012188
3.15423	70.9515	83.7971	713.619	828.098	-0.036885	5.88344	35.4878	-0.015313
3.15523	70.815	83.5236	713.978	830.148	-0.004076	5.88687	35.8825	-0.014063
3.15623	71.2248	83.7971	714.881	830.283	-0.004076	5.88856	36.5738	-0.01125
3.15723	70.8784	83.6603	714.204	830.01	0.024456	5.88437	36.0308	-0.01375
3.15823	70.9515	83.5236	714.204	830.01	-0.004076	5.88582	36.1788	-0.012813
3.15923	71.3611	83.9339	714.09	830.283	-0.004076	5.88094	36.0799	-0.012188
3.16023	71.088	83.7971	713.978	830.01	0.028532	5.88489	36.0799	-0.011563
3.16123	71.088	84.0708	714.09	829.8	-0.004076	5.88582	36.1788	-0.012813
3.16223	70.9515	83.5236	713.978	830.829	-0.004076	5.88406	36.0799	-0.014063
3.16323	70.9515	83.6603	714.204	830.829	-0.004076	5.88344	36.3268	-0.012188
3.16423	70.9515	83.7971	714.433	830.146	-0.008152	5.88825	36.376	-0.011563
3.16523	71.088	83.9339	713.29	828.644	-0.052989	5.88489	35.8332	-0.014063
3.16623	70.9515	83.7971	713.978	830.283	-0.004076	5.88937	36.4253	-0.013436
3.16723	71.2248	84.2074	714.433	830.829	-0.004076	5.87344	36.8201	-0.010938
3.16823	70.9515	83.5236	714.433	830.283	-0.004076	5.87488	36.2773	-0.012813
3.16923	71.2248	83.9339	713.978	830.01	-0.004076	5.88594	36.2279	-0.013436
3.17023	70.9515	83.6603	714.433	830.283	0.02038	5.84281	36.4747	-0.011563
3.17123	70.9515	83.7971	714.861	830.829	0.028532	5.82406	36.376	-0.0125

3.17223	70.815	83.8603	714.861	831.378	0.028532	5.80437	38.4747	-0.011563
3.17323	70.815	83.5236	714.433	830.829	-0.004078	5.83312	38.4747	-0.010625
3.17423	71.088	83.9339	714.547	831.378	-0.004078	5.88719	38.376	-0.012813
3.17523	71.2248	83.7971	714.776	830.293	-0.004078	5.87083	38.2773	-0.012188
3.17623	71.2248	83.9339	714.09	829.19	-0.044837	5.87489	35.8825	-0.012813
3.17723	70.9515	83.7971	714.861	831.378	0.028532	5.87408	38.376	-0.013438
3.17823	71.3611	83.9339	714.889	831.378	0.028532	5.87313	38.7707	-0.01125
3.17923	71.2248	83.9339	714.433	831.102	-0.004078	5.87344	38.0799	-0.012813
3.18023	70.815	83.1133	714.889	831.239	0.02038	5.87281	38.4747	-0.012188
3.18123	70.9515	83.7971	714.775	831.102	-0.004078	5.86989	38.4263	-0.013438
3.18223	71.4977	84.3442	715.346	831.378	-0.004078	5.86989	38.4747	-0.01125
3.18323	71.4977	84.0708	715.004	831.378	-0.004078	5.86594	38.4253	-0.012188
3.18423	71.2248	83.7971	714.889	831.102	-0.008152	5.86856	38.524	-0.012813
3.18523	70.9515	83.5236	715.346	831.649	-0.004078	5.86908	38.5733	-0.013438
3.18623	70.6784	83.7971	715.803	831.649	-0.004078	5.86989	38.8227	-0.012813
3.18723	70.6784	84.2074	716.26	830.829	-0.02038	5.86989	38.4747	-0.010838
3.18823	71.3611	84.0708	715.689	830.829	-0.016304	5.87158	38.4747	-0.013125
3.18923	71.4977	83.9339	716.26	832.195	0.028532	5.87344	38.8894	-0.012813
3.19023	70.815	83.5236	715.803	831.649	-0.004078	5.87825	38.7707	-0.012813
3.19123	70.9515	83.5236	716.032	831.922	-0.004078	5.88084	38.7707	-0.013438
3.19223	70.8784	83.25	716.146	831.922	-0.004078	5.88084	38.8201	-0.014063
3.19323	71.4977	84.2074	715.803	831.102	-0.024456	5.87531	38.4253	-0.013125
3.19423	70.815	83.3888	716.032	831.378	-0.004078	5.88188	38.4747	-0.01375
3.19523	71.4977	84.0708	716.26	832.195	-0.004078	5.8812	38.4747	-0.013438
3.19623	71.088	83.7971	715.803	831.922	-0.004078	5.81781	38.376	-0.011875
3.19723	70.9515	83.7971	716.146	831.378	-0.004078	5.81531	38.4263	-0.012813
3.19823	71.2248	83.7971	716.146	831.102	-0.012228	5.88887	38.2773	-0.011875
3.19923	70.815	82.9765	716.032	831.649	-0.008152	5.88188	38.4747	-0.012813
3.20023	71.2248	83.25	715.575	832.195	-0.004078	5.88438	38.8894	-0.012188
3.20123	70.9515	83.5236	715.803	832.059	0.02038	5.87989	38.4747	-0.013438
3.20223	70.9515	83.8603	716.032	831.785	-0.004078	5.88344	38.2773	-0.013125
3.20323	70.6784	83.3888	715.803	831.378	-0.004078	5.87908	38.376	-0.012188
3.20423	71.2248	84.3442	716.146	832.195	0.044837	5.87656	38.4747	-0.012188
3.20523	71.088	83.7971	716.146	831.785	-0.004078	5.87437	38.0799	-0.013438
3.20623	71.2248	83.7971	716.603	832.878	-0.004078	5.87489	38.2773	-0.0125
3.20723	70.4053	83.1133	716.032	833.015	-0.008152	5.86908	38.4747	-0.011563
3.20823	70.9515	83.5236	716.26	832.488	-0.004078	5.87158	38.3268	-0.014063
3.20923	70.9515	83.7971	716.945	832.488	-0.004078	5.87344	38.5733	-0.011563
3.21023	70.9515	83.3888	715.689	832.488	-0.004078	5.87489	38.5733	-0.015313
3.21123	70.9515	83.9339	716.26	832.488	-0.004078	5.87489	37.0174	-0.012813
3.21223	71.2248	83.8603	716.717	832.488	-0.004078	5.87489	38.5733	-0.014063
3.21323	70.9515	83.25	716.803	832.195	0.028532	5.87856	38.672	-0.01125
3.21423	70.9515	83.7971	716.803	833.015	-0.004078	5.88158	38.672	-0.012813
3.21523	71.2248	83.9339	716.26	833.015	0.02038	5.88094	38.672	-0.010625
3.21623	70.9515	83.7971	716.26	833.015	-0.004078	5.87989	38.5733	-0.0125
3.21723	71.2248	83.5236	716.26	832.488	-0.004078	5.88219	38.5733	-0.012813
3.21823	71.088	83.3888	715.917	833.834	-0.004078	5.87281	38.8894	-0.011875
3.21923	71.2248	84.2074	716.26	831.378	-0.004078	5.84781	38.4747	-0.012188
3.22023	71.2248	83.8603	716.717	832.195	-0.004078	5.82781	38.4253	-0.010313
3.22123	71.088	84.3442	715.803	831.649	-0.016304	5.81219	38.2773	-0.013438
3.22223	71.2248	83.5236	716.26	832.488	-0.004078	5.87187	38.9881	-0.012188
3.22323	71.4977	84.2074	716.26	833.288	0.024456	5.89313	38.8227	-0.0125

3.22423	71.2248	83.7971	716.28	833.015	0.028532	5.88468	38.4747	-0.012188
3.22523	70.9515	83.5238	716.945	833.288	0.024456	5.88531	38.2773	-0.012813
3.22623	70.9515	83.8803	718.717	833.581	0.028532	5.88408	38.2773	-0.012188
3.22723	71.3611	83.9339	717.174	833.581	-0.004078	5.88094	38.3266	-0.012813
3.22823	70.6784	82.703	716.831	833.424	-0.004078	5.88156	38.1788	-0.012188
3.22923	71.3611	83.7971	718.717	833.581	0.028532	5.87988	38.378	-0.012813
3.23023	71.088	83.7971	716.803	833.581	-0.004078	5.87781	38.2279	-0.013438
3.23123	71.088	83.8803	717.973	833.151	0.02038	5.87719	38.4747	-0.008125
3.23223	70.2688	83.25	715.575	832.488	-0.004078	5.87781	38.378	-0.01125
3.23323	71.2248	84.2074	718.831	833.971	-0.004078	5.87988	38.378	-0.013125
3.23423	71.088	83.5238	716.26	833.581	-0.004078	5.87908	38.0799	-0.011875
3.23523	71.2248	83.8803	716.26	833.581	-0.004078	5.87988	38.0306	-0.013125
3.23623	70.815	83.8803	716.032	833.015	-0.004078	5.87988	38.2773	-0.012188
3.23723	70.815	83.8803	718.28	833.834	-0.004078	5.87988	38.4253	-0.011875
3.23823	70.9515	83.5238	716.26	834.107	0.038885	5.88408	38.2279	-0.011875
3.23923	71.4977	84.2074	716.717	833.834	-0.004078	5.88344	38.0799	-0.012813
3.24023	71.088	83.8803	716.26	834.107	-0.004078	5.88468	38.2773	-0.013125
3.24123	70.9515	83.7971	718.148	832.878	-0.02038	5.88844	38.1788	-0.011663
3.24223	71.2248	84.0708	717.859	833.834	-0.004078	5.87584	35.9812	-0.010313
3.24323	70.6784	83.5238	716.26	833.581	-0.004078	5.85437	35.7838	-0.013125
3.24423	71.2248	83.5238	718.717	833.581	-0.004078	5.83825	38.2773	-0.012188
3.24523	71.2248	83.5238	717.859	834.38	-0.004078	5.81888	38.1282	-0.013438
3.24623	70.815	83.5238	717.174	834.244	0.02038	5.85908	35.8825	-0.012813
3.24723	70.9515	83.5238	717.402	833.971	-0.004078	5.90488	35.8825	-0.012188
3.24823	71.2248	83.7971	717.745	834.244	0.038885	5.88719	38.1282	-0.012813
3.24923	71.088	83.5238	717.831	834.38	0.028532	5.88913	35.8825	-0.010938
3.25023	71.2248	83.9339	717.08	833.581	-0.004078	5.88908	35.8825	-0.011875
3.25123	70.6784	83.7971	717.08	835.083	-0.004078	5.88781	35.8851	-0.012188
3.25223	71.3611	83.9339	717.174	833.288	-0.012228	5.88719	35.5885	-0.014093
3.25323	71.2248	84.0708	717.859	834.107	-0.004078	5.88719	35.8332	-0.008063
3.25423	71.4977	83.25	716.717	834.517	-0.004078	5.88281	35.8358	-0.013438
3.25523	71.2248	83.3888	716.26	833.834	-0.016304	5.88219	38.1282	-0.012188
3.25623	71.2248	83.5238	716.945	834.107	-0.004078	5.88438	35.7345	-0.012813
3.25723	71.4977	83.7971	716.28	834.38	-0.004078	5.87988	35.8332	-0.012188
3.25823	71.3611	84.2074	717.831	835.473	0.040781	5.88594	35.8825	-0.01125
3.25923	71.4977	84.0708	717.174	835.2	-0.004078	5.88408	35.7345	-0.013125
3.26023	70.9515	83.5238	716.945	834.854	0.02038	5.88219	35.5885	-0.011875
3.26123	70.815	83.25	717.518	833.971	-0.004078	5.88438	35.3891	-0.014063
3.26223	70.6784	84.0708	717.518	838.019	-0.004078	5.88488	35.5885	-0.012813
3.26323	71.2248	83.8803	716.945	834.38	-0.004078	5.88488	35.8851	-0.012188
3.26423	71.2248	83.8803	717.174	834.517	-0.004078	5.88858	35.8358	-0.010313
3.26523	70.9515	83.5238	717.402	833.834	-0.004078	5.88908	35.5885	-0.013438
3.26623	71.088	83.7971	717.174	834.854	-0.004078	5.88438	38.0308	-0.012813
3.26723	70.815	83.5238	716.945	833.971	-0.004078	5.88488	35.4878	-0.012188
3.26823	70.6419	83.1133	717.174	834.38	-0.004078	5.84219	35.4878	-0.012188
3.26923	70.9515	83.8803	717.402	834.107	-0.004078	5.82281	35.4878	-0.012188
3.27023	71.088	83.7971	716.717	834.854	-0.004078	5.82658	35.4384	-0.013438
3.27123	70.9515	83.8803	716.717	834.854	0.052989	5.90084	35.2804	-0.012813
3.27223	71.088	83.7971	716.945	834.854	-0.004078	5.88582	35.3397	-0.011563
3.27323	71.2248	83.7971	717.174	838.019	-0.004078	5.88219	35.2804	-0.012188
3.27423	71.088	83.1133	716.26	833.581	-0.012228	5.88908	35.089	-0.013438
3.27523	71.088	83.5238	718.088	834.854	-0.004078	5.88888	35.2804	-0.008375

3.27624	70.9515	83.5236	716.945	834.854	-0.004076	5.88781	35.1917	-0.013438
3.27724	71.088	83.5236	716.717	834.854	-0.004076	5.88719	35.1917	-0.012813
3.27824	71.088	83.5236	717.518	835.748	0.028532	5.88584	35.4384	-0.011875
3.27924	70.2698	83.8903	717.08	834.927	-0.004076	5.88469	35.2904	-0.012813
3.28024	70.9515	83.8903	716.945	835.473	-0.004076	5.88531	35.3397	-0.012813
3.28124	70.815	83.5236	717.08	835.473	0.024456	5.88375	35.1423	-0.013438
3.28224	70.9515	83.5236	716.945	835.2	0.036885	5.88584	35.2904	-0.010825
3.28324	71.2246	83.5236	716.945	834.244	-0.012228	5.88281	35.5895	-0.010825
3.28424	70.9515	83.5236	716.945	835.2	-0.004076	5.88281	35.4878	-0.012188
3.28524	71.2246	83.7971	717.08	834.927	-0.004076	5.88584	35.3397	-0.011875
3.28624	70.9515	83.5236	717.518	835.748	-0.004076	5.88719	35.3891	-0.010838
3.28724	70.9515	83.7971	716.945	836.019	0.02038	5.88719	35.241	-0.012813
3.28824	71.2246	84.0708	716.26	834.854	-0.004076	5.88844	35.4878	-0.011563
3.28924	71.088	83.25	716.945	835.473	-0.004076	5.89219	35.4878	-0.013438
3.29024	71.088	83.7971	716.945	834.854	-0.004076	5.89156	35.3891	-0.011563
3.29124	71.088	83.7971	716.717	835.81	-0.012228	5.88344	35.2904	-0.012813
3.29224	71.2246	83.7971	717.174	835.748	-0.004076	5.85531	34.8958	-0.014063
3.29324	71.2246	83.7971	717.08	835.473	0.024456	5.83469	35.3891	-0.011563
3.29424	70.9515	83.7971	717.174	835.748	-0.004076	5.82156	35.1917	-0.013125
3.29524	70.6784	83.7971	717.402	836.839	-0.004076	5.88584	35.2904	-0.012813
3.29624	70.9515	83.7971	716.831	835.748	-0.004076	5.89908	35.3891	-0.014375
3.29724	71.2246	84.0708	717.631	835.883	-0.004076	5.89437	35.3397	-0.01125
3.29824	71.088	83.5236	716.26	835.81	-0.004076	5.89344	35.241	-0.013125
3.29924	71.2246	83.3668	716.26	835.2	-0.004076	5.89281	35.2904	-0.011563
3.30024	71.088	83.6803	716.717	836.019	-0.004076	5.89344	35.3397	-0.010838
3.30124	71.7708	83.7971	716.717	835.748	0.02038	5.88844	35.241	-0.012813
3.30224	71.088	83.5236	716.803	835.748	-0.004076	5.88781	35.083	-0.012813
3.30324	70.4053	83.25	716.945	836.293	-0.004076	5.88408	35.241	-0.011875
3.30424	71.088	83.7971	716.717	835.748	-0.004076	5.88408	35.2904	-0.013438
3.30524	71.3611	84.0708	716.945	835.748	-0.004076	5.88219	35.1917	-0.01375
3.30624	70.9515	83.5236	717.174	837.522	-0.004076	5.88469	35.4384	-0.011875
3.30724	70.815	83.25	716.831	836.586	-0.004076	5.88344	35.3397	-0.01125
3.30824	71.3611	84.2074	716.831	835.748	-0.02038	5.88219	35.1917	-0.011563
3.30924	70.9515	83.6803	717.631	836.019	-0.004076	5.88858	35.3397	-0.012813
3.31024	71.088	83.6803	716.26	836.019	-0.004076	5.88719	35.2904	-0.013438
3.31124	70.9515	83.5236	716.26	836.293	-0.008152	5.88438	35.4878	-0.012813
3.31224	71.2246	83.7971	716.717	836.293	0.02038	5.88781	35.4878	-0.012813
3.31324	71.088	83.5236	716.803	836.586	-0.004076	5.88869	35.3891	-0.013438
3.31424	70.6784	83.7971	716.717	836.839	-0.004076	5.88969	35.1917	-0.0125
3.31524	71.2246	83.5236	716.26	835.883	0.044837	5.88969	35.5895	-0.012188
3.31624	71.4977	84.3442	717.08	836.158	-0.004076	5.88437	35.093	-0.011563
3.31724	71.2246	83.7971	717.402	837.832	-0.004076	5.84469	35.3891	-0.011563
3.31824	71.2246	83.5236	716.717	835.748	-0.004076	5.82375	35.093	-0.013125
3.31924	71.2246	83.7971	717.174	836.586	-0.004076	5.84188	35.2904	-0.010838
3.32024	71.2246	83.6803	716.26	836.019	-0.008152	5.90219	34.9943	-0.012813
3.32124	71.2246	83.7971	716.26	836.429	-0.004076	5.89083	35.1423	-0.014375
3.32224	71.4977	84.2074	716.032	836.429	-0.004076	5.89281	35.4878	-0.011563
3.32324	70.6784	83.5236	716.803	836.702	-0.004076	5.89094	35.1917	-0.012813
3.32424	71.3611	84.3442	716.032	835.473	-0.004076	5.89281	35.1423	-0.012188
3.32524	71.4977	83.9339	716.717	836.429	-0.004076	5.88719	35.0437	-0.011875
3.32624	70.9515	83.7971	716.26	836.293	0.032609	5.88719	35.093	-0.011875
3.32724	71.2246	83.5236	716.803	836.839	-0.004076	5.88584	34.9943	-0.012188

3.32824	71.2248	84.0708	717.06	837.112	-0.004076	5.88344	35.1917	-0.012188
3.32924	71.2248	84.0708	716.717	837.932	-0.004076	5.88094	34.945	-0.014375
3.33024	71.2248	84.0708	716.717	838.702	-0.02038	5.88219	34.9943	-0.010313
3.33124	71.2248	83.8803	716.28	838.566	-0.004076	5.88344	34.7989	-0.0125
3.33224	71.2248	83.8339	716.28	837.112	-0.004076	5.83375	35.1917	-0.011875
3.33324	71.3811	84.0708	716.945	837.385	0.02038	5.23869	34.8483	-0.012813
3.33424	70.9515	83.5238	716.717	837.522	-0.004076	4.48825	35.083	-0.010313
3.33524	70.9515	83.7971	716.803	837.249	-0.004076	3.90469	35.083	-0.010313
3.33624	71.088	83.5238	717.174	837.858	-0.004076	3.37375	34.9943	-0.011875
3.33724	70.4053	83.3888	717.08	837.858	0.028532	2.92344	34.8483	-0.012188
3.33824	71.2248	83.9339	716.148	838.839	-0.008152	2.52719	34.9943	-0.010938
3.33924	70.8784	83.9339	716.717	837.858	-0.004076	2.18594	34.8982	-0.011875
3.34024	70.9515	83.5238	716.28	837.249	-0.004076	1.88969	34.8986	-0.010938
3.34124	71.3811	83.5238	716.28	838.293	-0.004076	1.63158	34.5009	-0.011875
3.34224	71.2248	84.0708	715.575	835.746	-0.012228	1.40594	34.4515	-0.014083
3.34324	70.9515	83.9339	716.032	837.249	-0.018304	1.21219	34.5009	-0.012188
3.34424	71.3811	83.9339	716.032	838.839	-0.004076	1.04408	34.8483	-0.011583
3.34524	71.3811	83.7971	716.28	837.385	-0.004076	0.888438	34.8986	-0.013438
3.34624	71.3811	83.9339	716.717	837.858	0.02038	0.772812	34.8986	-0.012188
3.34724	71.2248	83.8803	716.28	837.112	-0.004076	0.68125	34.8986	-0.010313
3.34824	71.3811	83.7971	715.803	837.249	-0.004076	0.568438	34.8986	-0.011875
3.34924	70.9515	83.7971	716.032	838.702	-0.004076	0.485312	34.4022	-0.010313
3.35024	71.2248	84.0708	715.889	837.112	-0.004076	0.417812	34.5009	-0.011583
3.35124	70.8784	83.25	716.032	837.385	-0.004076	0.358437	34.5009	-0.010938
3.35224	71.3811	84.0708	715.917	837.385	-0.004076	0.308582	34.5009	-0.011875
3.35324	71.2248	83.8803	716.717	837.112	-0.012228	0.280837	34.1081	-0.012188
3.35424	70.9515	83.5238	715.575	837.112	-0.012228	0.224888	34.4022	-0.011875
3.35524	71.4977	84.3442	715.803	838.566	-0.004076	0.191582	34.5502	-0.010938
3.35624	70.9515	83.5238	715.889	837.112	-0.004076	0.164887	34.4515	-0.012188
3.35724	71.4977	83.5238	715.348	838.839	-0.004076	0.141582	34.5009	-0.010313
3.35824	70.4053	83.7971	715.348	838.702	-0.004076	0.119687	34.2541	-0.011583
3.35924	71.2248	83.7971	715.348	838.839	0.024458	0.101583	34.3035	-0.011583
3.36024	70.9515	83.5238	715.118	837.112	-0.012228	0.087188	34.1081	-0.011875
3.36124	71.4977	84.0708	715.575	837.385	-0.004076	0.075313	34.4515	-0.008688
3.36224	70.9515	83.3888	715.232	837.522	-0.004076	0.064888	34.5009	-0.010313
3.36324	71.4977	83.7971	715.232	837.112	-0.008152	0.053438	34.2048	-0.010938
3.36424	71.2248	83.5238	714.775	838.019	-0.018304	0.042188	33.514	-0.014083
3.36524	71.2248	83.5238	715.118	837.385	-0.004076	0.04125	33.81	-0.011583
3.36624	71.3811	83.7971	714.775	838.566	-0.004076	0.035825	34.4515	-0.011583
3.36724	71.088	84.0708	715.803	838.566	-0.004076	0.029375	34.1081	-0.011875
3.36824	70.4053	83.5238	715.889	837.385	-0.004076	0.027813	34.0588	-0.011583
3.36924	71.088	83.7971	716.803	837.858	0.028532	0.019888	33.9581	-0.012188
3.37024	70.9515	84.0708	715.348	837.932	0.02038	0.018125	34.1081	-0.010938
3.37124	71.3811	83.7971	715.803	837.249	-0.004076	0.016583	34.1555	-0.010313
3.37224	71.2248	83.7971	715.575	838.566	-0.008152	0.011583	34.0074	-0.010938
3.37324	71.3811	83.7971	715.348	838.478	-0.004076	0.011583	33.9581	-0.012188
3.37424	71.4977	83.5238	715.575	838.839	-0.004076	0.009888	33.9087	-0.010313
3.37524	71.3811	83.9339	715.348	838.158	-0.032809	0.004888	33.882	-0.011875
3.37624	71.088	83.9339	715.575	837.385	-0.004076	0.007813	34.0074	-0.011583
3.37724	71.2248	83.7971	716.032	838.068	-0.004076	0.00825	33.8584	-0.01125
3.37824	70.9515	83.5238	715.889	837.249	0.02038	0.008583	34.1555	-0.011583
3.37924	71.088	83.5238	715.348	837.858	0.024458	0.008083	34.1081	-0.010925

3.38024	71.088	83.7971	715.461	837.385	0.02038	0.003438	33.8594	-0.010938
3.38124	71.4977	83.9339	716.26	837.522	0.044837	0.003438	33.81	-0.010313
3.38224	71.2246	83.9339	715.803	836.839	-0.004076	0.001583	33.7607	-0.010313
3.38324	71.3611	83.6603	715.803	837.522	-0.004076	0.001583	33.81	-0.006063
3.38424	71.2246	83.5236	715.575	837.522	-0.008152	0.001583	33.7114	-0.010313
3.38524	70.815	83.5236	715.803	836.566	-0.004076	-0.000313	33.6127	-0.010313
3.38624	71.088	83.7971	715.575	836.702	-0.044837	-0.002188	33.1192	-0.01125
3.38724	70.8784	83.6603	715.481	836.839	-0.004076	-0.000313	33.81	-0.011875
3.38824	71.088	83.6603	715.689	836.293	-0.004076	-0.000313	34.2048	-0.010625
3.38924	71.088	83.5236	715.232	836.429	-0.004076	-0.000313	33.7114	-0.010938
3.39024	71.3611	83.7971	715.917	836.566	-0.004076	-0.000313	33.7114	-0.011583
3.39124	70.8784	83.5236	715.917	837.112	0.024456	-0.000313	33.6127	-0.012188
3.39224	71.3611	84.0706	716.032	836.293	-0.004076	-0.001583	33.662	-0.010625
3.39324	71.3611	83.7971	715.575	837.385	0.028532	-0.002188	33.514	-0.010313
3.39424	70.8784	83.6603	716.032	836.293	-0.004076	-0.002188	33.4153	-0.01125
3.39524	71.7708	82.9765	715.575	837.112	-0.004076	-0.001583	33.4646	-0.010938
3.39624	70.9515	83.5236	715.118	835.473	-0.016304	-0.002188	33.3659	-0.012188
3.39724	70.9515	83.5236	715.232	834.654	-0.040761	-0.005313	32.9218	-0.012813
3.39824	70.4053	83.5236	715.803	836.019	-0.004076	-0.00125	33.3659	-0.011583
3.39924	71.3611	83.1133	716.26	836.293	-0.004076	-0.000313	33.9581	-0.010313
3.40024	71.2246	83.7971	715.917	836.839	0.028532	-0.0025	33.4153	-0.01
3.40124	71.088	83.9339	716.032	836.839	0.024456	-0.000313	33.5633	-0.012188
3.40224	70.9515	83.5236	715.346	836.293	-0.004076	-0.003438	33.3166	-0.010313
3.40324	70.9515	83.5236	716.803	836.702	0.024456	-0.000313	33.0699	-0.011583
3.40424	71.2246	83.5236	715.803	836.293	-0.004076	-0.000625	33.2673	-0.011875
3.40524	71.2246	83.7971	716.032	836.019	-0.004076	-0.002188	33.1192	-0.011583
3.40624	71.088	83.5236	715.917	836.019	-0.004076	-0.002813	33.1686	-0.011583
3.40724	71.2246	83.5236	716.032	836.293	-0.004076	-0.002188	33.2673	-0.011583
3.40824	71.4977	84.0706	716.26	834.927	-0.02038	-0.004063	33.0205	-0.006063
3.40924	71.4977	82.9765	715.232	835.61	-0.004076	-0.002813	33.0699	-0.014063
3.41024	71.2246	83.6603	716.26	836.293	0.024456	-0.00375	33.6127	-0.010625
3.41124	71.2246	83.5236	715.803	836.746	-0.004076	-0.002813	33.2673	-0.011583
3.41224	71.4977	84.2074	715.917	835.2	-0.004076	-0.002813	33.2179	-0.010938
3.41324	70.4053	83.7971	716.26	836.337	-0.004076	-0.002813	33.1192	-0.011583
3.41424	70.9515	83.5236	715.803	835.063	-0.004076	-0.00375	33.1192	-0.010313
3.41524	71.4977	84.0706	716.26	836.746	0.02038	-0.002813	33.3166	-0.011875
3.41624	70.9515	83.1133	715.917	835.473	-0.004076	-0.003438	33.1192	-0.010313
3.41724	71.4977	83.5236	716.032	836.566	-0.004076	-0.004975	33.0205	-0.010313
3.41824	71.088	83.5236	716.26	835.746	0.024456	-0.004063	32.8232	-0.010625
3.41924	71.2246	84.2074	716.945	834.244	-0.004076	-0.005625	32.7245	-0.013438
3.42024	71.4977	83.5236	715.346	834.244	-0.004076	-0.00375	32.6751	-0.011875
3.42124	71.088	83.5236	716.717	835.2	0.028532	-0.002188	33.0205	-0.011875
3.42224	70.9515	83.7971	715.803	834.517	-0.004076	-0.003438	32.7245	-0.011875
3.42324	71.2246	83.5236	716.26	834.654	-0.004076	-0.002188	32.7245	-0.010938
3.42424	70.9515	83.5236	715.917	834.927	-0.004076	-0.004063	32.5271	-0.010638
3.42524	71.088	83.5236	716.26	834.38	0.024456	-0.003438	32.6258	-0.011583
3.42624	71.3611	83.7971	715.803	834.517	-0.008152	-0.003438	32.8725	-0.01125
3.42724	71.3611	84.0706	716.803	836.2	-0.004076	-0.004063	32.4284	-0.011875
3.42824	71.2246	83.7971	716.032	835.063	-0.004076	-0.004375	32.5764	-0.010313
3.42924	71.088	83.5236	716.26	833.834	-0.004076	-0.003438	32.6258	-0.010313
3.43024	71.2246	83.6603	717.174	833.834	-0.004076	-0.004063	32.4284	-0.007813
3.43124	71.088	83.7971	715.575	833.661	-0.008152	-0.005313	32.2804	-0.013125

3.43225	71.2248	83.7971	716.148	833.288	-0.004076	-0.004083	32.7245	-0.011563
3.43325	70.9515	83.5238	715.688	832.741	-0.02038	-0.005313	32.4284	-0.01125
3.43425	71.4977	83.9339	716.603	833.834	-0.004076	-0.005938	32.2804	-0.011563
3.43525	71.3611	83.7971	716.148	833.288	-0.004076	-0.005313	32.4284	-0.01125
3.43625	71.4977	83.7971	716.148	832.488	-0.004076	-0.004688	32.4284	-0.010938
3.43725	71.3611	83.5238	716.717	833.015	0.052989	-0.003438	32.1817	-0.011563
3.43825	70.4053	83.25	716.148	832.488	-0.004076	-0.005313	32.1323	-0.012188
3.43925	71.2248	83.7971	716.26	833.288	-0.004076	-0.004688	32.4284	-0.010938
3.44025	71.3611	83.9339	716.26	831.649	-0.004076	-0.005313	31.9843	-0.011563
3.44125	71.2248	83.7971	716.945	831.649	-0.024456	-0.005313	32.1323	-0.010313
3.44225	71.4977	83.7971	715.889	831.649	-0.004076	-0.004688	32.0338	-0.013125
3.44325	71.2248	83.5238	716.26	831.922	-0.004076	-0.004688	32.3297	-0.01125
3.44425	71.2248	83.5238	716.717	831.785	-0.004076	-0.005313	31.7378	-0.01375
3.44525	70.815	83.5238	716.717	831.376	0.028532	-0.001875	32.083	-0.012188
3.44625	70.815	83.3868	716.26	830.829	-0.004076	-0.005825	32.083	-0.010625
3.44725	70.6784	83.25	716.717	830.829	0.028532	-0.003438	31.8383	-0.011563
3.44825	71.2248	83.3868	716.603	830.283	-0.004076	-0.004083	32.0338	-0.011563
3.44925	71.088	83.6603	716.717	830.283	-0.004076	-0.007813	31.8389	-0.011875
3.45025	71.3611	83.7971	716.488	831.922	-0.004076	-0.005313	31.8858	-0.011563
3.45125	71.2248	83.6603	716.26	829.19	-0.008152	-0.004688	31.7378	-0.010938
3.45225	70.815	83.1133	717.402	829.464	-0.004076	-0.004083	31.9843	-0.007813
3.45325	71.3611	83.7971	715.917	828.917	-0.004076	-0.005313	31.7378	-0.013438
3.45425	70.9515	83.6603	716.945	829.19	-0.004076	-0.004083	32.1323	-0.011563
3.45525	71.4977	83.7971	716.26	828.507	-0.012228	-0.005938	31.8363	-0.012813
3.45625	71.3611	83.6603	717.516	829.19	-0.004076	-0.004083	31.7889	-0.011563
3.45725	71.2248	83.9339	716.717	828.088	-0.004076	-0.004688	31.7378	-0.010313
3.45825	71.2248	83.5238	716.717	828.507	0.028532	-0.005313	31.8349	-0.010625
3.45925	71.2248	83.9339	716.26	827.142	0.02038	-0.005313	31.5402	-0.012813
3.46025	70.9515	83.7971	716.945	827.551	-0.004076	-0.005313	31.6389	-0.011875
3.46125	70.4053	83.5238	716.831	828.371	0.02038	-0.005313	31.7378	-0.011563
3.46225	71.7708	82.9785	716.26	825.639	-0.004076	-0.005313	31.8389	-0.011875
3.46325	71.7708	83.25	716.717	825.778	-0.004076	-0.005825	31.8389	-0.009063
3.46425	71.2248	83.7971	716.26	825.229	-0.004076	-0.00625	31.3822	-0.013438
3.46525	70.6784	83.1133	717.402	825.366	-0.004076	-0.004375	31.8363	-0.010938
3.46625	71.3611	83.5238	716.26	825.093	-0.004076	-0.005	31.4415	-0.010313
3.46725	71.4977	84.481	717.174	825.229	-0.004076	-0.00375	31.5402	-0.010938
3.46825	71.3611	83.6603	716.945	824.273	0.02038	-0.004688	31.5402	-0.010313
3.46925	70.9515	83.5238	717.174	823.727	-0.004076	-0.005313	31.4415	-0.0125
3.47025	71.4977	84.0706	716.26	823.454	-0.004076	-0.008875	31.4415	-0.01125
3.47125	71.4977	84.2074	716.26	822.634	-0.004076	-0.008563	31.2441	-0.011875
3.47225	71.2248	83.5238	716.603	823.59	-0.004076	-0.007813	31.3428	-0.010625
3.47325	71.2248	83.5238	716.945	822.088	-0.004076	-0.005825	31.3428	-0.011875
3.47425	71.2248	83.7971	717.831	822.225	-0.004076	-0.005	31.2835	-0.008438
3.47525	71.2248	84.0706	716.831	821.289	-0.004076	-0.005938	31.1454	-0.011563
3.47625	71.4977	83.7971	717.06	821.542	-0.004076	-0.00375	31.5895	-0.010938
3.47725	71.4977	83.7971	716.603	820.449	-0.004076	-0.00825	31.2441	-0.01125
3.47825	71.4977	84.0706	717.06	820.176	-0.012228	-0.005313	31.2441	-0.010313
3.47925	71.3611	83.7971	716.945	820.449	-0.004076	-0.004083	31.0467	-0.010938
3.48025	71.4977	83.9339	717.174	819.22	-0.004076	-0.007813	31.2441	-0.0125
3.48125	71.4977	83.6603	716.831	819.803	0.057086	-0.005313	31.1454	-0.012188
3.48225	71.3611	83.7971	716.717	819.358	-0.004076	-0.004375	31.2441	-0.010313
3.48325	71.2248	83.5238	716.717	819.22	-0.004076	-0.005313	31.1454	-0.010625

3.48425	71.4977	83.9339	718.945	817.991	-0.004078	-0.005625	31.2441	-0.01125
3.48525	71.2248	83.8803	718.945	817.171	-0.004078	-0.00625	31.1454	-0.010313
3.48625	71.2248	82.9785	718.148	816.352	-0.012228	-0.006563	31.2441	-0.012813
3.48725	71.2248	83.5236	717.06	816.625	-0.004078	-0.005313	31.3428	-0.011563
3.48825	71.7708	83.5236	718.28	815.532	-0.004078	-0.006563	31.2441	-0.011563
3.48925	71.3611	83.5236	717.06	815.532	-0.004078	-0.002813	30.8	-0.012188
3.49025	71.2248	83.5236	718.945	815.942	-0.004078	-0.005313	30.8494	-0.012813
3.49125	70.815	83.3888	718.28	814.438	-0.004078	-0.005938	30.9481	-0.011875
3.49225	71.2248	83.8803	717.174	814.303	0.028532	-0.005	30.8494	-0.012813
3.49325	71.9073	83.7971	717.402	813.893	-0.004078	-0.005313	30.8	-0.010313
3.49425	71.4977	84.2074	717.174	814.849	0.024456	-0.008875	30.7507	-0.013125
3.49525	71.4977	83.7971	717.174	812.527	-0.008152	-0.00625	30.9481	-0.011875
3.49625	71.7708	83.7971	718.088	812.391	-0.004078	-0.00625	30.9481	-0.008125
3.49725	71.3611	83.5236	717.174	812.254	0.024456	-0.005938	30.8494	-0.012813
3.49825	71.2248	83.5236	717.288	812.254	0.016304	-0.006875	30.8494	-0.012188
3.49925	71.4977	83.3888	716.717	810.888	-0.004078	-0.00625	31.1454	-0.010938
3.50025	71.3611	83.5236	717.174	811.025	-0.004078	-0.005313	30.7507	-0.011563
3.50125	71.2248	83.7971	717.288	810.089	-0.012228	-0.000938	31.1454	-0.010313
3.50225	71.4977	83.7971	717.831	809.798	-0.004078	-0.006563	30.9481	-0.010938
3.50325	71.3611	83.5236	716.945	809.248	0.052989	-0.005313	30.9481	-0.012188
3.50425	71.2248	83.9339	717.174	809.248	-0.012228	-0.005625	31.1454	-0.009375
3.50525	71.2248	83.8803	716.945	809.523	-0.004078	-0.005938	31.1454	-0.009063
3.50625	71.7708	84.0708	716.945	808.927	-0.004078	-0.005625	30.8	-0.011563
3.50725	70.9515	83.8803	717.174	808.283	-0.004078	-0.005938	30.8494	-0.009688
3.50825	71.3611	83.5236	715.803	805.971	-0.012228	-0.006563	30.9481	-0.012813
3.50925	71.2248	83.5236	717.174	806.518	-0.004078	-0.005313	31.2935	-0.012813
3.51025	71.3611	83.8803	717.288	806.245	-0.004078	-0.005313	30.852	-0.013438
3.51125	71.4977	84.0708	717.402	805.898	-0.004078	-0.004083	30.7507	-0.011563
3.51225	71.3611	83.9339	718.945	805.835	-0.004078	-0.004688	31.0467	-0.012188
3.51325	71.4977	84.0708	717.402	805.898	-0.004078	-0.006875	30.8887	-0.010938
3.51425	71.2248	83.7971	717.518	804.806	0.052989	-0.005313	30.7013	-0.012813
3.51525	71.3611	84.0708	717.288	804.059	-0.004078	-0.006563	30.9481	-0.011563
3.51625	70.5784	83.25	717.859	804.608	-0.004078	-0.004688	31.0981	-0.01125
3.51725	70.815	83.7971	717.06	802.42	-0.004078	-0.005938	31.0981	-0.010938
3.51825	71.2248	83.9339	717.288	802.284	-0.004078	-0.006563	30.9481	-0.009063
3.51925	70.9515	83.5236	717.174	801.601	-0.004078	-0.006563	30.9974	-0.010938
3.52025	71.4977	83.7971	716.717	801.328	-0.004078	-0.00625	31.1454	-0.010938
3.52125	71.4977	83.5236	717.516	801.328	0.024456	-0.004688	31.2441	-0.009688
3.52225	71.4977	83.8803	717.402	800.781	-0.004078	-0.005313	30.8494	-0.0125
3.52325	72.0439	83.25	717.402	801.054	-0.004078	-0.003125	31.1454	-0.010938
3.52425	71.4977	83.7971	717.174	800.781	-0.004078	-0.006563	30.9974	-0.01125
3.52525	71.2248	83.7971	717.859	799.889	0.028532	-0.005313	30.9481	-0.012188
3.52625	71.3611	83.8803	717.402	799.889	-0.004078	-0.007813	30.8887	-0.012188
3.52725	71.2248	83.5236	717.631	800.235	-0.004078	-0.006563	30.9481	-0.010313
3.52825	70.9515	83.7971	717.631	798.166	-0.004078	-0.004688	31.1454	-0.010938
3.52925	71.3611	83.7971	717.745	798.596	-0.004078	-0.005938	31.1454	-0.00875
3.53025	71.3611	83.8803	717.402	798.05	-0.004078	-0.006563	31.0467	-0.011563
3.53125	71.3611	83.7971	717.288	798.05	-0.004078	-0.003438	31.2441	-0.0125
3.53225	71.2248	83.5236	717.174	797.387	-0.004078	-0.005313	31.2935	-0.011875
3.53325	71.3611	83.7971	717.973	796.684	-0.004078	-0.005313	31.2935	-0.010313
3.53425	71.088	83.1133	717.518	796.411	-0.004078	-0.005313	31.3428	-0.011563
3.53525	71.088	84.3442	717.631	795.318	-0.004078	-0.006563	31.1454	-0.010938

3.53625	71.4977	84.0706	717.859	795.318	0.040781	-0.005313	31.3428	-0.011875
3.53725	71.3611	83.9339	717.174	794.635	-0.016304	-0.006563	31.1454	-0.012188
3.53825	71.2246	83.8236	717.516	795.318	-0.004078	-0.005313	31.3922	-0.0125
3.53925	71.3611	83.5236	717.516	795.181	-0.004078	-0.005313	31.1454	-0.010938
3.54025	71.2246	83.7971	718.088	794.635	-0.004078	-0.005313	31.3428	-0.009063
3.54125	71.3611	83.5236	717.174	793.542	-0.004078	-0.006438	31.1454	-0.012813
3.54225	71.3611	83.7971	717.402	793.133	-0.004078	-0.005313	31.5402	-0.0125
3.54325	71.088	83.5236	717.402	793.133	-0.004078	-0.005938	31.9349	-0.010313
3.54425	70.9515	83.1133	717.402	793.133	-0.004078	-0.005825	31.3922	-0.011563
3.54525	71.7706	83.9339	718.088	793.679	0.028532	-0.003438	31.7376	-0.011563
3.54625	71.088	83.5236	717.631	792.869	-0.004078	-0.006876	31.1454	-0.012188
3.54725	71.3611	83.9339	717.859	793.133	0.048913	-0.004063	31.4908	-0.012188
3.54825	71.3611	83.5236	717.859	792.586	0.02038	-0.006313	31.1454	-0.010938
3.54925	71.4977	83.7971	717.631	793.133	-0.004078	-0.006563	31.5402	-0.010313
3.55025	71.4977	84.2074	717.174	792.04	-0.008152	-0.005313	31.5402	-0.010313
3.55125	71.4977	83.9339	717.631	791.787	-0.004078	-0.006563	31.5402	-0.010938
3.55225	70.9515	83.1133	718.088	791.494	-0.004078	-0.005313	31.4415	-0.011875
3.55325	71.4977	83.5236	717.745	791.787	-0.004078	-0.005938	31.7376	-0.012188
3.55425	71.4977	83.7971	717.402	790.674	-0.012228	-0.008125	31.7376	-0.010938
3.55525	71.2246	83.8803	717.859	791.494	-0.004078	-0.005825	31.4908	-0.012188
3.55625	70.6784	83.1133	717.174	790.811	-0.004078	-0.004063	31.6389	-0.011875
3.55725	71.4977	83.7971	717.631	790.947	0.024456	-0.006563	31.4908	-0.011875
3.55825	71.7706	84.0706	717.516	791.767	0.032609	-0.005313	31.7869	-0.011563
3.55925	71.3611	83.7971	718.088	791.767	-0.004078	-0.004688	31.6882	-0.012188
3.56025	71.3611	83.5236	717.859	791.494	-0.004078	-0.00625	31.7376	-0.011563
3.56125	71.2246	83.1133	717.402	790.674	-0.004078	-0.005313	31.8363	-0.012188
3.56225	71.4977	83.5236	717.516	789.855	-0.004078	-0.004063	31.8363	-0.013125
3.56325	71.2246	83.7971	718.088	789.855	-0.012228	-0.007813	31.7376	-0.010938
3.56425	70.815	83.5236	718.088	790.401	-0.004078	-0.005938	32.083	-0.013125
3.56525	71.4977	83.8803	718.088	790.401	-0.004078	-0.005313	32.2804	-0.010313
3.56625	71.2246	83.5236	718.088	790.401	0.02038	-0.005313	31.9349	-0.010625
3.56725	71.088	83.8803	718.088	790.538	0.02038	-0.001875	31.9349	-0.01125
3.56825	71.3611	83.7971	718.088	790.401	-0.004078	-0.005825	31.9349	-0.010625
3.56925	71.4977	83.5236	717.516	789.581	0.032609	-0.006563	32.0336	-0.01125
3.57025	71.3611	83.5236	718.316	790.129	-0.004078	-0.005938	32.2804	-0.01125
3.57125	70.9515	83.5236	718.088	789.581	-0.008152	-0.007813	32.3287	-0.011563
3.57225	71.3611	83.5236	717.859	788.782	-0.004078	-0.00625	32.0336	-0.010938
3.57325	71.2246	83.7971	718.088	789.581	-0.004078	-0.005825	31.8843	-0.010313
3.57425	71.4977	83.7971	717.859	788.625	-0.028532	-0.008125	31.7376	-0.01375
3.57525	71.4977	83.8803	717.288	788.899	-0.004078	-0.005313	32.1323	-0.01375
3.57625	70.9515	83.8803	718.088	789.035	-0.004078	-0.00625	32.5271	-0.011563
3.57725	71.4977	84.0706	717.859	789.581	-0.004078	-0.004688	32.0336	-0.011563
3.57825	71.4977	83.7971	718.088	789.855	-0.004078	-0.004688	32.0336	-0.010938
3.57925	71.7706	83.9339	718.088	789.581	-0.004078	-0.005938	31.9349	-0.012188
3.58025	71.4977	83.7971	717.859	789.172	0.040781	-0.005938	32.1323	-0.012188
3.58125	71.2246	83.5236	717.973	789.035	-0.004078	-0.005313	31.8363	-0.012813
3.58225	71.9073	83.9868	717.631	789.035	-0.008152	-0.0075	32.1323	-0.011563
3.58325	71.4977	83.5236	717.973	789.581	-0.004078	-0.005313	32.1323	-0.011875
3.58425	71.3611	83.9339	718.316	789.035	-0.004078	-0.004375	32.4777	-0.010313
3.58525	71.3611	83.7971	718.945	787.28	-0.052989	-0.010313	31.7376	-0.012813
3.58625	71.7706	84.2074	717.174	787.843	-0.008152	-0.006875	32.231	-0.011563
3.58725	72.317	83.7971	717.631	787.843	-0.004078	-0.006875	32.7245	-0.01125

3.58826	71.4977	83.9339	718.316	788.308	0.044837	-0.004375	32.4284	-0.011563
3.58826	71.3611	83.7971	718.316	788.782	0.02038	-0.00625	32.4284	-0.011563
3.59026	71.4977	83.7971	718.316	788.352	-0.004078	-0.008125	32.3297	-0.012188
3.59126	71.4977	83.8803	717.973	788.782	0.028532	-0.0075	32.4777	-0.010313
3.59226	71.7708	83.5236	718.088	788.489	-0.004076	-0.006563	32.5271	-0.012813
3.59326	71.4977	83.9339	718.316	788.782	-0.004076	-0.007188	32.4284	-0.010838
3.59426	71.7708	83.7971	718.887	788.216	-0.004076	-0.005838	32.4284	-0.010825
3.59526	71.3611	84.0706	717.631	788.352	-0.012228	-0.008438	32.4284	-0.0125
3.59626	71.4977	83.3868	718.088	787.123	-0.044837	-0.009063	32.0338	-0.013438
3.59726	71.7708	83.7971	718.088	788.079	-0.004076	-0.006563	32.379	-0.010838
3.59826	71.7708	84.3442	718.773	788.782	0.028532	-0.004375	32.9218	-0.008375
3.59926	71.7708	83.9339	718.088	788.782	-0.004076	-0.005838	32.5271	-0.010825
3.60026	71.4977	83.5236	717.973	788.352	-0.004076	-0.002188	32.3297	-0.010838
3.60126	71.3611	83.8803	717.973	788.625	-0.004076	-0.008875	32.4777	-0.010313
3.60226	71.4977	83.9339	718.088	788.216	0.024456	-0.005838	32.5271	-0.010838
3.60326	71.7708	83.5236	718.088	787.943	-0.004076	-0.006563	32.4777	-0.011563
3.60426	71.4977	83.9339	718.202	788.782	-0.004076	-0.005838	32.4777	-0.011563
3.60526	72.0439	84.0706	718.088	788.489	-0.004076	-0.006313	32.6751	-0.012188
3.60626	71.2246	84.0706	718.316	788.216	-0.004076	-0.006563	32.5764	-0.011875
3.60726	71.9073	83.8803	717.859	786.577	-0.052989	-0.010313	32.231	-0.012188
3.60826	71.3611	83.5236	717.631	788.489	-0.012228	-0.007188	32.5271	-0.012813
3.60926	71.4977	83.8803	718.088	788.625	0.024456	-0.005313	32.8725	-0.011563
3.61026	71.4977	83.5236	718.088	788.489	0.02038	-0.007188	32.4777	-0.012813
3.61126	71.4977	83.5236	718.43	788.625	-0.004076	-0.004063	32.4284	-0.012813
3.61226	71.4977	83.8803	718.202	788.078	0.024456	-0.006313	32.8725	-0.011563
3.61326	71.2246	83.25	718.316	788.079	0.024456	-0.00625	32.8258	-0.011563
3.61426	71.7708	83.5236	718.088	787.943	0.02038	-0.006563	32.5271	-0.010838
3.61526	71.4977	83.5236	718.088	788.489	-0.004076	-0.005313	32.5271	-0.010313
3.61626	71.9073	84.0706	718.544	788.079	-0.004076	-0.005825	32.6258	-0.008063
3.61726	71.4977	83.25	717.631	787.123	-0.012228	-0.007188	32.379	-0.010825
3.61826	71.4977	84.0706	717.288	786.44	-0.048813	-0.010313	32.063	-0.012813
3.61926	71.4977	83.8803	717.516	788.216	-0.004076	-0.00625	32.3297	-0.011563
3.62026	71.4977	83.5236	718.088	788.079	-0.004076	-0.005313	33.0205	-0.0125
3.62126	71.4977	83.5236	718.544	787.943	-0.004076	-0.005313	32.4777	-0.012188
3.62226	71.9073	83.7971	718.088	788.782	0.02038	-0.004063	32.5271	-0.010838
3.62326	72.0439	83.7971	718.316	788.625	0.024456	-0.006563	32.6258	-0.010838
3.62426	71.4977	83.7971	718.316	788.216	0.02038	-0.008125	32.2804	-0.012188
3.62526	71.3611	83.8803	718.088	788.216	-0.004076	-0.005838	32.5271	-0.010825
3.62626	71.3611	83.8803	718.088	788.489	-0.004076	-0.00625	32.6258	-0.010838
3.62726	71.4977	83.9339	717.631	788.625	-0.004076	-0.007188	32.4777	-0.010313
3.62826	72.0439	83.8803	718.088	787.669	-0.004076	-0.005313	32.7245	-0.01125
3.62926	71.9073	83.7971	718.544	787.533	-0.004076	-0.007188	32.4284	-0.010838
3.63026	71.9073	82.9765	717.402	787.889	-0.004076	-0.006563	32.3297	-0.012813
3.63126	71.4977	83.5236	718.088	787.943	-0.004076	-0.005313	32.9712	-0.010825
3.63226	71.4977	83.5236	718.088	788.352	-0.004076	-0.005825	32.6258	-0.01125
3.63326	71.4977	83.7971	718.088	788.489	-0.004076	-0.002813	32.7245	-0.010313
3.63426	71.4977	83.8803	717.859	788.079	-0.004076	-0.004888	32.6258	-0.010313
3.63526	71.7708	83.7971	718.088	788.079	-0.008152	-0.007188	32.5271	-0.011563
3.63626	71.4977	83.7971	717.631	788.079	-0.004076	-0.005313	32.4777	-0.011563
3.63726	71.4977	83.7971	718.088	788.079	-0.004076	-0.00625	32.6258	-0.010313
3.63826	72.0439	83.5236	717.631	788.625	-0.004076	-0.005825	32.9218	-0.011875
3.63926	71.2246	83.5236	718.202	787.806	0.02038	-0.005313	32.5271	-0.011875

3.64026	71.7708	84.0708	718.316	787.123	-0.004076	-0.006875	32.4777	-0.009688
3.64126	71.7708	83.7971	718.088	788.216	-0.004076	-0.006563	32.5271	-0.012188
3.64226	71.9073	83.7971	717.516	788.216	-0.004076	-0.005938	32.7245	-0.011563
3.64326	71.4977	83.9339	717.631	787.943	-0.004076	-0.007188	32.2804	-0.012188
3.64426	71.4977	84.3442	717.745	787.943	-0.004076	-0.001563	32.3297	-0.009375
3.64526	72.317	83.1133	717.516	787.26	-0.004076	-0.007813	32.4284	-0.011563
3.64626	71.088	83.5236	718.088	788.216	-0.004076	-0.006563	32.083	-0.011563
3.64726	71.4977	83.7971	717.516	788.079	0.02038	-0.006875	32.3297	-0.010938
3.64826	71.4977	83.5236	717.516	787.943	-0.004076	-0.006563	32.3297	-0.010313
3.64926	71.7708	83.5236	717.631	788.352	-0.004076	-0.006563	32.4284	-0.010625
3.65026	71.8342	83.5236	717.402	787.669	-0.004076	-0.005938	32.231	-0.010313
3.65126	71.4977	83.7971	718.773	788.216	-0.004076	-0.00625	32.3297	-0.008438
3.65226	71.4977	83.7971	717.402	787.943	-0.004076	-0.00625	32.1817	-0.013438
3.65326	71.4977	83.8803	717.631	787.669	-0.004076	-0.005313	32.2804	-0.010625
3.65426	71.7708	83.5236	717.631	787.943	-0.004076	-0.005313	32.3297	-0.01125
3.65526	71.4977	84.0708	717.859	788.352	0.032609	-0.002813	32.4284	-0.010313
3.65626	70.9515	83.5236	717.631	787.669	-0.004076	-0.007188	32.231	-0.012188
3.65726	71.7708	83.5236	717.402	787.533	-0.004076	-0.006563	32.379	-0.01
3.65826	72.0439	84.0708	717.631	788.489	0.028532	-0.00625	32.5271	-0.010625
3.65926	71.2246	83.25	717.06	787.669	-0.004076	-0.005938	32.6258	-0.010313
3.66026	71.7708	83.7971	717.174	789.308	-0.006152	-0.008125	32.3297	-0.012188
3.66126	71.4977	83.8803	717.402	787.669	-0.004076	-0.007188	32.3297	-0.011563
3.66226	71.4977	83.7971	718.544	787.396	-0.004076	-0.005938	32.231	-0.010938
3.66326	71.7708	83.9339	716.945	787.396	-0.012228	-0.006563	32.1617	-0.012188
3.66426	71.4977	83.9339	717.516	788.079	-0.004076	-0.007813	32.6258	-0.010313
3.66526	72.317	84.0708	717.174	788.079	0.02038	-0.005313	32.1323	-0.011875
3.66626	71.7708	84.0708	717.631	787.533	-0.008152	-0.007188	32.1323	-0.012188
3.66726	71.7708	83.7971	717.516	787.943	-0.004076	-0.004888	32.231	-0.010313
3.66826	71.9073	83.7971	717.631	788.216	0.028532	-0.006563	32.1817	-0.011563
3.66926	71.9073	83.9339	718.088	787.26	-0.004076	-0.006563	31.9349	-0.011563
3.67026	71.7708	84.481	717.174	787.669	-0.004076	-0.006563	32.0336	-0.012188
3.67126	71.4977	83.7971	717.516	788.762	-0.004076	-0.005313	31.8856	-0.012188
3.67226	71.4977	83.5236	717.288	787.669	-0.012228	-0.007188	32.0336	-0.010313
3.67326	71.4977	83.5236	717.631	788.489	0.024458	-0.007813	32.0336	-0.010313
3.67426	71.4977	83.7971	716.831	788.079	-0.004076	-0.005625	32.0336	-0.015313
3.67526	71.4977	83.9339	717.516	788.079	-0.004076	-0.00625	32.4284	-0.010838
3.67626	71.2246	82.9785	717.516	788.762	0.028532	-0.005938	32.083	-0.010838
3.67726	71.4977	83.9339	717.516	788.489	0.02038	-0.005938	32.083	-0.011875
3.67826	72.0439	83.7971	717.973	788.625	0.028532	-0.004888	32.083	-0.012188
3.67926	71.7708	83.8803	717.402	788.216	-0.004076	-0.005313	31.8856	-0.011563
3.68026	71.4977	83.7971	717.174	788.352	0.02038	-0.005313	31.7376	-0.010938
3.68127	71.9073	83.8803	717.174	788.079	-0.004076	-0.004888	32.0336	-0.009688
3.68227	71.4977	83.7971	717.174	789.035	-0.004076	-0.005313	31.9349	-0.010938
3.68327	71.4977	83.7971	717.402	787.943	-0.004076	-0.005825	31.8856	-0.010938
3.68427	71.2246	83.5236	717.859	787.943	-0.004076	-0.005825	32.0336	-0.007188
3.68527	71.9073	84.0708	716.717	787.669	-0.004076	-0.006125	31.8363	-0.012813
3.68627	71.4977	83.7971	716.945	788.216	-0.004076	-0.005938	32.3297	-0.012188
3.68727	71.4977	83.7971	716.717	787.669	0.028532	-0.006563	31.8363	-0.010838
3.68827	72.0439	82.9785	716.803	787.669	-0.004076	-0.005938	31.8363	-0.012188
3.68927	71.7708	83.5236	717.402	788.216	-0.004076	-0.006563	31.7869	-0.010313
3.69027	71.4977	83.5236	717.06	787.396	-0.004076	-0.007813	31.7376	-0.010313
3.69127	71.7708	83.7971	717.174	788.625	0.040761	-0.007813	31.8363	-0.010625

3.68227	71.6342	83.5236	716.717	788.489	-0.004078	-0.006563	31.8389	-0.01125
3.68327	71.4977	83.9339	716.26	788.489	-0.004078	-0.007188	31.5895	-0.010938
3.68427	72.0439	83.7971	716.945	787.689	-0.004078	-0.006563	31.8389	-0.011563
3.68527	71.7708	83.7971	717.859	788.352	0.02038	-0.005625	31.8363	-0.008438
3.68627	71.7708	83.25	716.717	787.689	-0.004078	-0.00625	31.8882	-0.014063
3.68727	71.4977	83.5236	716.717	787.689	-0.004078	-0.006438	31.5402	-0.011563
3.68827	72.0439	83.9339	715.917	787.386	-0.004078	-0.0075	31.4415	-0.010313
3.68927	71.7708	83.5236	716.717	788.216	-0.004078	-0.004063	31.5895	-0.009688
3.70027	71.4977	83.6603	716.945	788.216	0.028532	-0.005313	31.5402	-0.010938
3.70127	71.3611	83.7971	716.148	787.533	-0.006152	-0.007813	31.4908	-0.010313
3.70227	72.0439	83.9668	716.26	787.806	0.02038	-0.005938	31.4908	-0.011563
3.70327	71.4977	83.9339	717.174	787.943	-0.004078	-0.006563	31.6389	-0.01125
3.70427	72.0439	83.9339	716.26	788.782	-0.004078	-0.004975	31.4415	-0.012188
3.70527	71.4977	83.5236	716.803	788.216	-0.004078	-0.005938	31.6389	-0.010938
3.70627	71.7708	83.7971	716.316	787.533	-0.004078	-0.005313	31.5402	-0.010313
3.70727	71.4977	83.5236	716.26	787.806	-0.004078	-0.006875	31.4415	-0.011875
3.70827	71.4977	83.5236	716.26	787.28	-0.004078	-0.005625	31.8856	-0.0125
3.70927	71.4977	83.9339	716.26	787.689	-0.006152	-0.006875	31.8882	-0.010938
3.71027	71.4977	83.9668	716.803	787.386	-0.004078	-0.007813	31.6389	-0.010825
3.71127	71.4977	83.5236	716.26	787.533	-0.004078	-0.004063	31.4908	-0.010313
3.71227	71.7708	84.0706	716.26	788.216	-0.004078	-0.007813	31.1454	-0.013438
3.71327	71.4977	83.5236	716.26	788.216	0.028532	-0.007188	31.3428	-0.011875
3.71427	71.4977	83.7971	716.26	787.943	-0.012228	-0.007188	31.4415	-0.010313
3.71527	71.7708	83.9339	716.26	789.035	0.02038	-0.005625	31.3428	-0.011563
3.71627	72.1805	83.5236	715.575	787.123	-0.004078	-0.007168	31.1454	-0.010938
3.71727	71.3611	83.9339	716.26	788.352	-0.004078	-0.006563	31.3922	-0.010313
3.71827	71.7708	83.5236	715.803	787.123	-0.004078	-0.00625	31.1454	-0.011563
3.71927	72.0439	83.6603	716.26	787.943	0.024458	-0.005938	31.7889	-0.010313
3.72027	72.0439	83.5236	715.575	787.689	-0.004078	-0.0075	31.2441	-0.010938
3.72127	71.8073	83.9339	715.689	787.689	-0.004078	-0.005938	31.1948	-0.011563
3.72227	71.7708	82.9765	715.575	787.806	-0.004078	-0.005	31.0467	-0.012188
3.72327	71.8073	83.7971	716.26	788.216	0.028532	-0.0075	31.1454	-0.012188
3.72427	71.6342	84.0706	715.803	788.216	0.032609	-0.006563	31.0467	-0.010313
3.72527	71.4977	84.0706	716.26	788.216	-0.004078	-0.00625	31.1454	-0.011875
3.72627	71.7708	83.7971	715.232	789.035	-0.004078	-0.006875	31.1454	-0.010313
3.72727	71.4977	83.7971	715.346	787.386	-0.004078	-0.005625	31.0961	-0.009688
3.72827	71.9073	83.7971	716.26	787.689	0.02038	-0.005638	30.8494	-0.010313
3.72927	71.4977	83.6603	715.803	787.943	-0.004078	-0.005625	30.8987	-0.011563
3.73027	71.7708	83.6603	715.004	788.986	-0.004078	-0.007813	30.8494	-0.0125
3.73127	71.6342	83.5236	715.803	787.689	-0.004078	-0.006875	30.9481	-0.011875
3.73227	71.4977	83.6603	715.803	787.28	0.02038	-0.004688	31.0467	-0.010625
3.73327	71.7708	83.7971	715.346	787.943	-0.004078	-0.004375	30.9461	-0.008375
3.73427	71.9073	83.6603	715.575	788.079	-0.004078	-0.005313	30.8494	-0.010938
3.73527	71.9073	83.6603	715.689	787.533	0.052869	-0.005313	30.9974	-0.010313
3.73627	71.7708	83.6603	715.232	787.689	-0.004078	-0.005313	30.8987	-0.010313
3.73727	70.8515	83.1133	715.346	788.625	-0.004078	-0.005313	30.8987	-0.011563
3.73827	71.7708	83.5236	715.346	788.577	-0.004078	-0.006563	30.8	-0.010938
3.73927	71.7708	83.7971	715.803	787.533	-0.004078	-0.006875	30.8494	-0.008438
3.74027	71.7708	83.5236	715.116	787.689	-0.004078	-0.006438	30.7507	-0.012813
3.74127	71.4977	83.5236	714.661	787.28	-0.004078	-0.007813	30.6026	-0.012813
3.74227	71.7708	83.5236	715.346	787.386	-0.004078	-0.007813	30.8494	-0.012813
3.74327	71.4977	83.5236	715.461	788.216	0.028532	-0.006563	30.5039	-0.012813

3.74427	71.4977	83.5236	715.575	787.943	0.028532	-0.004083	30.7507	-0.011563
3.74527	71.4977	83.5236	715.232	787.533	-0.004076	-0.008583	30.852	-0.01125
3.74627	71.4977	83.5236	715.004	787.396	0.038885	-0.008583	30.7507	-0.01125
3.74727	71.4977	83.5236	714.889	786.577	-0.004076	-0.00825	30.7507	-0.010938
3.74827	72.0439	83.5236	715.232	787.943	-0.012228	-0.005838	30.8494	-0.011563
3.74927	71.7708	83.3888	714.889	787.533	-0.004076	-0.007188	30.5533	-0.010313
3.75027	71.7708	83.8803	715.346	787.689	-0.004076	-0.008583	30.7507	-0.008438
3.75127	71.7708	83.5236	715.346	788.218	-0.012228	-0.008583	30.4548	-0.01125
3.75227	71.4977	84.0706	714.889	786.577	-0.004076	-0.008583	30.5533	-0.011875
3.75327	71.4977	83.25	714.433	787.396	-0.004076	-0.008583	30.852	-0.010313
3.75427	71.4977	83.8803	714.889	787.689	-0.004076	-0.005313	30.852	-0.008888
3.75527	71.7708	83.7971	714.433	787.689	-0.004076	-0.004083	30.7507	-0.010313
3.75627	72.317	84.0706	715.346	787.533	-0.004076	-0.008438	30.2572	-0.011875
3.75727	71.7708	83.5236	715.004	787.889	0.048913	-0.006938	30.4548	-0.011875
3.75827	71.4977	83.8803	714.204	786.577	-0.004076	-0.0075	30.1585	-0.010313
3.75927	71.7708	83.5236	714.433	787.533	0.02038	-0.006938	30.1092	-0.011563
3.76027	71.4977	83.3888	714.889	787.689	-0.004076	-0.008583	30.4548	-0.011563
3.76127	72.0439	84.3442	714.433	786.577	-0.004076	-0.008875	30.8026	-0.01
3.76227	71.7708	83.7971	713.978	786.03	-0.008152	-0.007188	30.1092	-0.010938
3.76327	71.4977	83.7971	714.318	786.577	-0.004076	-0.007188	30.7507	-0.010313
3.76427	71.7708	83.5236	714.433	786.577	-0.004076	-0.00825	30.3559	-0.010938
3.76527	71.2246	83.25	714.433	786.304	-0.004076	-0.007188	30.3068	-0.010313
3.76627	72.0439	83.8803	714.889	786.888	0.02038	-0.003438	30.2572	-0.010313
3.76727	71.4977	83.8803	714.889	787.123	0.012228	-0.007188	30.5533	-0.010313
3.76827	71.9073	83.3888	714.433	787.533	0.028532	-0.005938	30.0588	-0.011875
3.76927	71.7708	83.5236	714.204	786.03	-0.008152	-0.007188	30.3068	-0.012188
3.77027	72.317	83.5236	714.08	787.689	-0.004076	-0.008583	30.2572	-0.010625
3.77127	71.3611	83.5236	714.318	786.03	-0.004076	-0.005938	30.1585	-0.011875
3.77227	72.0439	83.5236	714.433	786.167	-0.004076	-0.008583	30.1585	-0.010625
3.77327	71.4977	83.9339	714.433	786.304	-0.004076	-0.008583	30.1092	-0.010313
3.77427	72.0439	83.9339	713.747	786.44	-0.004076	-0.007188	29.9118	-0.012813
3.77527	71.9073	83.5236	713.747	785.484	-0.004076	-0.008583	30.5533	-0.010313
3.77627	72.0439	83.5236	714.204	786.03	0.028532	-0.005313	30.2572	-0.010313
3.77727	71.9073	83.25	713.978	785.757	-0.004076	-0.005313	30.2572	-0.012813
3.77827	72.0439	83.5236	714.204	785.821	-0.004076	-0.007188	29.9118	-0.011875
3.77927	72.0439	84.2074	714.204	785.211	0.02038	-0.006938	30.2572	-0.010938
3.78027	71.4977	83.7971	713.833	785.347	-0.004076	-0.008583	30.0598	-0.010938
3.78127	72.0439	83.9339	714.204	785.484	-0.004076	-0.008583	30.0598	-0.011563
3.78227	71.9073	83.5236	713.519	784.938	-0.004076	-0.005938	30.4548	-0.01125
3.78327	72.0439	84.0706	713.861	784.391	-0.004076	-0.008583	30.2079	-0.007813
3.78427	71.4977	83.8803	713.082	784.391	-0.004076	-0.008125	29.8825	-0.012813
3.78527	71.7708	83.5236	713.082	784.391	-0.004076	-0.008583	29.8825	-0.012813
3.78627	72.4536	83.1139	713.176	784.255	-0.004076	-0.008583	30.5533	-0.010938
3.78727	71.4977	83.5236	713.082	784.391	0.024456	-0.00825	30.1585	-0.010313
3.78827	71.3611	83.5236	713.29	784.118	-0.004076	-0.005	30.1092	-0.011563
3.78927	71.9073	84.0706	713.519	784.118	-0.004076	-0.007188	30.0105	-0.0125
3.79027	71.9073	83.5236	713.519	784.391	0.040761	-0.0075	30.2572	-0.010625
3.79127	71.9073	83.8803	713.29	784.391	-0.004076	-0.007813	30.1585	-0.011563
3.79227	71.9073	84.0706	713.519	783.026	-0.004076	-0.007188	29.9118	-0.011563
3.79327	72.0439	83.3888	713.405	784.255	-0.004076	-0.0075	29.9612	-0.011875
3.79427	72.0439	83.5236	713.082	783.026	-0.004076	-0.007188	29.9612	-0.011563
3.79527	71.7708	83.5236	712.805	782.208	-0.004076	-0.009063	29.8131	-0.014688

3.79627	71.7708	83.7971	712.833	783.026	0.028532	-0.007813	30.0598	-0.01125
3.79727	72.0439	83.8399	713.176	782.616	-0.004076	-0.007188	30.4053	-0.010938
3.79827	72.317	83.8868	712.605	783.162	-0.004076	-0.005938	29.9612	-0.010938
3.79927	71.7708	83.5236	713.519	783.298	0.02038	-0.004063	30.1585	-0.010938
3.80027	71.9073	83.5236	712.719	782.616	-0.004076	-0.007813	30.2079	-0.010313
3.80127	72.0439	83.8399	713.747	782.478	0.057065	-0.005938	30.3066	-0.010825
3.80227	72.4536	82.9765	713.062	782.478	-0.004076	-0.005938	29.9612	-0.012188
3.80327	72.0439	83.5236	712.833	782.478	0.02038	-0.008438	30.3066	-0.011563
3.80427	72.0439	84.0706	712.833	781.66	-0.004076	-0.005938	30.1585	-0.011675
3.80527	72.5902	83.3868	712.605	781.933	-0.004076	-0.007813	30.1092	-0.012188
3.80627	72.5902	83.5236	712.148	780.84	-0.028532	-0.008438	29.8625	-0.012188
3.80727	71.7708	83.5236	712.605	781.933	-0.004076	-0.005313	30.3559	-0.010313
3.80827	71.7708	83.7971	712.282	781.66	-0.004076	-0.007188	30.4548	-0.011875
3.80927	71.4977	83.7971	712.833	781.66	0.024456	-0.008563	29.9118	-0.01125
3.81027	71.4977	83.5236	712.948	781.66	-0.004076	-0.002813	30.6026	-0.009375
3.81127	72.0439	83.7971	712.948	781.367	0.038685	-0.004688	29.9612	-0.010838
3.81227	72.317	83.5236	712.633	781.113	0.038685	-0.008563	30.2079	-0.01125
3.81327	72.0439	83.8399	712.148	780.704	-0.004076	-0.0075	30.2079	-0.010838
3.81427	71.7708	83.7971	712.148	780.84	-0.004076	-0.008875	30.0105	-0.012188
3.81527	71.9073	83.7971	712.377	780.43	-0.004076	-0.007188	30.1092	-0.010313
3.81627	71.9073	83.5236	712.605	780.021	-0.004076	-0.005313	30.2572	-0.010825
3.81727	71.7708	83.7971	712.605	779.338	-0.018304	-0.009083	30.0598	-0.010313
3.81827	71.7708	83.7971	711.92	779.474	0.024456	-0.008875	29.9612	-0.011563
3.81927	72.0439	83.5236	712.148	779.201	-0.004076	-0.005313	30.5533	-0.012188
3.82028	71.9073	84.3442	712.377	779.611	-0.004076	-0.00625	29.9612	-0.010825
3.82128	71.2248	83.5236	712.491	779.338	-0.004076	-0.002813	30.2079	-0.012813
3.82228	71.9073	83.7971	712.377	778.928	-0.004076	-0.007188	30.1585	-0.010825
3.82328	71.088	83.5236	712.377	779.338	0.028532	-0.008563	30.0598	-0.011563
3.82428	71.9073	83.5236	711.691	777.835	-0.004076	-0.0075	29.9118	-0.010825
3.82528	72.317	84.3442	712.605	779.338	-0.004076	-0.008563	29.8625	-0.012813
3.82628	71.7708	83.3868	712.491	779.474	-0.004076	-0.005938	30.1585	-0.010838
3.82728	72.1805	83.5236	711.92	778.855	-0.004076	-0.005938	30.2572	-0.009063
3.82828	72.317	82.9765	710.663	776.47	-0.052989	-0.010313	29.5171	-0.014063
3.82928	71.7708	83.5236	712.148	778.382	0.024456	-0.007813	30.1092	-0.012813
3.83028	71.9073	84.2074	711.577	777.699	-0.004076	-0.005938	30.7507	-0.011563
3.83128	72.5902	83.25	711.463	777.289	-0.004076	-0.005625	30.0105	-0.010938
3.83228	72.0439	83.5236	711.691	777.426	-0.004076	-0.005313	30.3559	-0.010313
3.83328	71.7708	83.8803	712.148	777.582	0.02038	-0.008563	30.1585	-0.010313
3.83428	71.4977	83.5236	711.691	777.289	-0.004076	-0.005938	30.3066	-0.010938
3.83528	71.2248	83.25	711.691	777.016	-0.004076	-0.008563	30.1585	-0.01125
3.83628	71.4977	83.7971	712.148	776.333	-0.012228	-0.0075	30.0598	-0.011563
3.83728	71.7708	83.7971	711.577	777.016	-0.004076	-0.00625	30.1585	-0.012188
3.83828	71.4977	83.7971	712.034	776.923	-0.012228	-0.008563	30.3066	-0.010838
3.83928	71.4977	83.7971	710.778	774.284	-0.040761	-0.008375	29.5864	-0.015313
3.84028	71.4977	83.7971	710.778	775.514	-0.004076	-0.008563	30.1092	-0.012813
3.84128	71.7708	83.5236	711.92	776.47	-0.012228	-0.005825	30.7013	-0.011563
3.84228	71.3611	83.5236	711.691	775.65	-0.004076	-0.006838	30.2079	-0.01125
3.84328	71.4977	84.0706	711.463	774.967	-0.004076	-0.004376	30.4548	-0.010938
3.84428	72.0439	83.8399	711.691	774.831	-0.02038	-0.008875	30.2572	-0.011875
3.84528	71.9073	83.7971	711.577	775.104	-0.004076	-0.005938	30.3559	-0.010938
3.84628	72.5902	83.5236	711.234	774.284	-0.004076	-0.007188	30.2079	-0.010313
3.84728	72.0439	83.5236	711.691	774.694	0.02038	-0.005938	30.1092	-0.0125

3.84828	72.0439	83.8803	711.92	774.421	-0.004078	-0.005838	30.5533	-0.011583
3.84928	71.8342	83.9339	712.034	774.557	-0.004078	-0.005825	30.1585	-0.010825
3.85028	72.0439	83.5238	711.463	773.465	-0.004078	-0.006875	30.0598	-0.009975
3.85128	71.7708	83.7971	711.234	774.284	-0.004078	-0.005313	30.1585	-0.011875
3.85228	72.317	83.9339	711.234	774.011	-0.004078	-0.005825	30.5039	-0.0125
3.85328	72.317	83.3868	710.778	773.328	-0.004078	-0.006563	30.1585	-0.010825
3.85428	71.7708	83.7971	711.349	773.738	0.02038	-0.002813	30.2572	-0.011583
3.85528	72.0439	83.7971	711.463	773.465	-0.004078	-0.005313	30.3066	-0.012813
3.85628	72.0439	83.5238	710.778	773.465	-0.004078	-0.006563	30.3559	-0.010313
3.85728	72.0439	83.7971	711.577	772.372	0.02038	-0.007813	30.3066	-0.011583
3.85828	71.9073	83.9339	710.778	772.645	-0.012228	-0.006875	30.3559	-0.010938
3.85928	72.0439	83.8803	711.463	773.465	-0.004078	-0.006563	30.2572	-0.010838
3.86028	71.7708	83.7971	711.691	772.782	-0.004078	-0.005313	30.5533	-0.010625
3.86128	71.9073	83.8803	711.691	772.099	-0.004078	-0.007813	30.0105	-0.01125
3.86228	71.7708	83.5238	710.549	772.099	-0.004078	-0.006563	30.4548	-0.013125
3.86328	72.0439	83.8803	710.778	772.099	-0.004078	-0.005938	30.9974	-0.011583
3.86428	72.1806	83.25	711.349	771.889	0.02038	-0.005313	30.2079	-0.012188
3.86528	71.7708	83.5238	710.663	771.279	-0.004078	-0.002813	30.4548	-0.010313
3.86628	72.0439	83.5238	710.778	771.553	-0.004078	-0.005938	30.4548	-0.010313
3.86728	71.2246	83.7971	711.008	771.279	0.024456	-0.00625	30.3559	-0.010938
3.86828	71.2246	82.9785	710.778	770.597	-0.004078	-0.006563	30.3559	-0.010313
3.86928	72.0439	83.5238	711.234	771.143	0.02038	-0.005938	30.3066	-0.011583
3.87028	71.7708	83.9339	711.234	771.279	0.02038	-0.007188	30.2572	-0.012188
3.87128	71.7708	83.7971	711.008	770.187	-0.006152	-0.006525	30.5533	-0.012188
3.87228	71.7708	83.5238	711.577	769.641	-0.004078	-0.006563	30.3066	-0.008438
3.87328	71.3611	83.5238	710.549	769.094	-0.006152	-0.0075	30.4548	-0.012813
3.87428	71.9073	83.7971	710.778	769.094	-0.004078	-0.005938	30.8494	-0.011875
3.87528	71.4977	83.5238	710.321	769.094	-0.004078	-0.005825	30.2572	-0.011583
3.87628	72.1805	83.25	710.435	769.094	-0.004078	-0.007188	30.2572	-0.012188
3.87728	71.9073	83.7971	710.778	768.684	-0.004078	-0.005938	30.3559	-0.010838
3.87828	72.0439	83.8803	710.663	769.094	-0.004078	-0.005825	30.3559	-0.010938
3.87928	72.0439	83.5238	711.008	769.094	0.028532	-0.005938	30.4053	-0.01125
3.88028	71.9073	83.5238	710.321	768.548	-0.004078	-0.00625	30.2079	-0.011583
3.88128	71.7708	83.7971	710.321	769.094	-0.004078	-0.005938	30.1585	-0.010825
3.88228	71.9073	83.5238	710.663	768.138	-0.004078	-0.005938	30.3066	-0.010313
3.88328	71.7708	83.5238	710.663	767.728	-0.004078	-0.006563	30.3559	-0.00875
3.88428	72.4538	83.5238	709.407	767.728	-0.004078	-0.005938	30.1585	-0.012813
3.88528	71.7708	83.3868	710.208	768.002	0.028532	-0.007813	30.7507	-0.010838
3.88628	71.7708	83.7971	710.092	767.455	-0.004078	-0.007188	30.3559	-0.011583
3.88728	72.0439	83.7971	710.435	767.182	-0.012228	-0.005313	30.6039	-0.010825
3.88828	71.9073	83.7971	710.208	767.455	-0.004078	-0.005313	30.6039	-0.010838
3.88928	72.0439	83.8803	710.321	766.909	0.028532	-0.005938	30.6039	-0.011583
3.89028	71.9073	83.5238	710.208	766.836	-0.018304	-0.007813	30.3559	-0.012188
3.89128	71.4977	83.7971	710.549	766.772	-0.004078	-0.005938	30.1585	-0.011583
3.89228	72.1805	83.3868	710.321	766.909	-0.004078	-0.006563	30.3066	-0.011583
3.89328	72.0439	83.7971	710.208	765.27	-0.008152	-0.007188	30.852	-0.01125
3.89428	72.0439	83.5238	711.234	768.363	-0.004078	-0.005938	30.4053	-0.009063
3.89528	71.8342	83.5238	709.75	765.543	-0.004078	-0.006125	30.3066	-0.012188
3.89628	72.1805	84.2074	709.179	765.406	-0.004078	-0.006875	30.3559	-0.012188
3.89728	72.0439	83.7971	710.435	765.818	-0.004078	-0.005313	30.3559	-0.010938
3.89828	72.0439	83.7971	710.208	765.818	-0.004078	-0.005313	30.2572	-0.012813
3.89928	72.1805	83.5238	710.321	766.363	-0.004078	-0.005313	30.3559	-0.010938

3.90028	72.0439	83.1133	710.549	764.724	-0.004078	-0.008438	30.3066	-0.010313
3.90128	72.5902	83.25	710.082	765.27	0.044837	-0.00625	30.3558	-0.010313
3.90228	71.4977	83.7971	709.635	764.997	-0.004078	-0.007813	30.3558	-0.010825
3.90328	72.317	84.0708	710.092	766.089	-0.008152	-0.007813	30.4548	-0.011583
3.90428	72.1805	83.6603	710.092	764.724	-0.004078	-0.008875	30.3066	-0.011583
3.90528	72.0439	83.7971	710.778	764.45	-0.016304	-0.007813	30.4053	-0.009063
3.90628	71.2248	83.3888	709.407	764.314	-0.004078	-0.007813	30.3558	-0.012813
3.90728	71.3611	83.5238	709.635	764.724	-0.004078	-0.005825	30.652	-0.01125
3.90828	71.9073	83.8339	709.864	764.724	-0.004078	-0.005825	30.5533	-0.011583
3.90928	72.0439	83.5238	709.75	764.997	0.028532	-0.004083	30.8028	-0.011563
3.91028	71.9073	83.25	709.864	763.904	-0.004078	-0.007188	30.4548	-0.011875
3.91128	72.1805	84.0708	709.864	763.358	-0.004078	-0.007813	30.3558	-0.012813
3.91228	71.9073	83.5238	709.75	763.494	-0.004078	-0.007188	30.4548	-0.011875
3.91328	71.7708	83.7971	709.864	764.041	-0.004078	-0.005825	30.8028	-0.011583
3.91428	71.9073	83.5238	709.179	764.177	-0.004078	-0.007188	30.8028	-0.012813
3.91528	72.0439	83.25	709.835	763.221	-0.004078	-0.006583	30.5533	-0.010938
3.91628	72.317	83.25	710.435	763.494	-0.004078	-0.006583	30.5533	-0.007188
3.91728	72.0439	83.5238	709.75	762.538	-0.004078	-0.006875	30.4548	-0.013125
3.91828	72.0439	83.5238	709.75	762.811	-0.004078	-0.005825	30.8494	-0.010938
3.91928	71.9073	83.6603	708.95	762.948	-0.004078	-0.007188	30.5039	-0.011583
3.92028	72.0439	83.5238	709.635	762.948	-0.004078	-0.005938	30.5039	-0.01125
3.92128	71.4977	83.5238	709.407	762.538	-0.004078	-0.005313	30.7507	-0.01125
3.92228	71.7708	83.6603	709.521	762.538	-0.004078	-0.005938	30.4548	-0.012813
3.92328	71.7708	83.5238	709.864	762.811	0.036885	-0.00625	30.3558	-0.010825
3.92428	72.0439	83.6603	709.635	762.402	-0.024458	-0.0075	30.652	-0.010938
3.92528	72.0439	83.7971	709.75	763.904	-0.004078	-0.007813	30.5533	-0.011875
3.92628	71.7708	83.6603	709.864	761.665	-0.004078	-0.007188	30.5533	-0.010938
3.92728	71.9073	83.7971	709.635	761.446	-0.004078	-0.005938	30.3558	-0.009063
3.92828	72.317	83.25	709.978	761.719	-0.004078	-0.005938	30.652	-0.011875
3.92928	71.9073	83.3888	709.179	762.128	-0.004078	-0.006583	31.0467	-0.011583
3.93028	71.7708	83.7971	709.621	762.402	-0.004078	-0.005938	30.652	-0.01125
3.93128	71.7708	83.8339	709.635	762.948	-0.004078	-0.00625	30.5533	-0.010938
3.93228	71.3611	83.7971	709.75	761.992	0.024458	-0.005313	30.652	-0.011583
3.93328	72.0439	83.7971	709.75	762.811	0.036885	-0.007813	30.8028	-0.011563
3.93428	71.9073	83.5238	709.635	762.128	0.052989	-0.003125	30.7507	-0.009063
3.93528	71.4977	83.5238	709.75	762.811	-0.004078	-0.005825	30.9481	-0.012188
3.93628	72.0439	83.7971	709.635	762.811	-0.004078	-0.005938	30.7013	-0.01125
3.93728	71.9073	83.5238	709.75	761.855	-0.004078	-0.006583	30.8494	-0.011583
3.93828	72.0439	83.8339	710.549	761.992	-0.012228	-0.007188	30.7013	-0.00875
3.93928	72.1805	84.0708	709.635	762.128	0.02038	-0.005938	30.8028	-0.013438
3.94028	71.4977	83.7971	709.407	761.855	-0.004078	-0.008875	30.652	-0.012813
3.94128	72.4538	83.5238	709.293	761.855	-0.004078	-0.006583	30.8494	-0.01125
3.94228	71.7708	83.5238	708.95	761.446	-0.004078	-0.008875	30.8494	-0.009063
3.94328	72.0439	83.5238	709.75	761.309	0.02038	-0.005938	31.0981	-0.010313
3.94428	72.317	83.8339	709.635	761.992	0.02038	-0.008875	30.8	-0.010313
3.94528	72.317	83.7971	709.407	761.446	0.036885	-0.007813	30.652	-0.011583
3.94628	72.8633	83.1133	708.95	760.899	-0.012228	-0.007813	30.852	-0.012188
3.94728	72.0439	83.7971	709.635	761.446	-0.004078	-0.005313	30.8	-0.011583
3.94828	72.1805	83.5238	709.864	761.446	-0.004078	-0.008875	30.8	-0.010825
3.94928	72.0439	83.5238	709.75	761.172	-0.004078	-0.006583	30.8	-0.009375
3.95028	72.0439	83.7971	709.407	760.899	-0.004078	-0.007813	30.852	-0.012188
3.95128	72.5902	83.3888	708.95	760.899	-0.004078	-0.005938	31.1454	-0.010313

3.95228	72.0439	83.9339	708.95	781.172	-0.004076	-0.005938	31.2441	-0.009063
3.95328	72.0439	83.25	709.407	781.036	-0.004076	-0.005938	30.8494	-0.010938
3.95428	72.317	84.3442	708.95	782.128	-0.004076	-0.005938	30.8987	-0.011583
3.95528	72.1805	83.8603	709.179	781.446	-0.004076	-0.007188	30.8494	-0.012188
3.95628	71.3611	82.9765	708.95	780.899	-0.004076	-0.008875	30.8987	-0.011875
3.95728	72.0439	83.7971	709.407	781.682	-0.004076	-0.007813	30.8	-0.011583
3.95828	71.4877	83.7971	709.864	782.538	-0.004076	-0.005938	30.8987	-0.01125
3.95928	71.9073	83.9339	708.95	781.172	-0.012228	-0.007188	31.0487	-0.012188
3.96028	71.4877	83.8603	710.321	780.899	-0.004076	-0.007188	31.1948	-0.009063
3.96128	72.0439	83.8603	708.722	780.353	-0.004076	-0.008563	30.9974	-0.0125
3.96228	71.9073	83.9339	708.836	781.172	0.02038	-0.005938	31.1454	-0.012188
3.96328	71.9073	83.3868	709.864	781.855	-0.004076	-0.008563	31.1454	-0.012188
3.96428	71.9073	83.5236	709.635	781.446	-0.004076	-0.0075	31.0881	-0.012513
3.96528	72.0439	83.5236	709.293	781.309	-0.004076	-0.005313	30.9974	-0.012188
3.96628	72.1805	83.7971	709.864	781.446	-0.004076	-0.008875	31.0487	-0.010313
3.96728	71.7708	83.7971	709.864	781.446	0.02038	-0.005825	30.9974	-0.010313
3.96828	72.0439	83.5236	709.293	780.899	-0.012228	-0.00875	30.9481	-0.01125
3.96928	71.7708	83.5236	709.635	781.309	-0.024458	-0.008875	31.0487	-0.010938
3.97028	72.1805	83.5236	708.95	780.783	-0.004076	-0.007813	31.0881	-0.011583
3.97128	72.1805	84.0706	708.499	781.172	-0.004076	-0.008563	31.1454	-0.011583
3.97228	71.7708	83.5236	710.778	781.446	-0.008152	-0.005825	31.0881	-0.010625
3.97328	71.9073	83.7971	708.95	780.783	-0.004076	-0.008875	31.3428	-0.010313
3.97428	72.0439	83.8603	709.635	781.855	0.036685	-0.005938	31.0881	-0.0125
3.97528	72.0439	83.8603	709.293	781.172	-0.004076	-0.005938	31.0487	-0.011583
3.97628	72.0439	83.5236	709.635	781.446	0.028532	-0.005	30.9974	-0.012188
3.97728	72.0439	83.5236	709.407	781.036	-0.004076	-0.005938	31.1454	-0.011583
3.97828	72.1805	83.7971	708.836	781.172	0.044837	-0.007813	30.8987	-0.012188
3.97928	72.0439	83.5236	709.407	780.353	-0.004076	-0.008875	31.1454	-0.011583
3.98028	71.9073	83.5236	709.407	782.265	-0.004076	-0.007188	31.2441	-0.010938
3.98128	71.9073	83.5236	709.407	780.899	-0.004076	-0.007188	30.9974	-0.01125
3.98228	72.317	83.8603	709.407	780.783	-0.004076	-0.007188	31.2935	-0.010313
3.98328	72.0439	83.8603	708.95	780.783	-0.012228	-0.007813	31.2441	-0.01125
3.98428	72.0439	83.5236	708.722	780.783	-0.004076	-0.008563	31.0487	-0.010938
3.98528	72.0439	83.8603	709.407	780.783	0.028532	-0.005825	31.7376	-0.009886
3.98628	72.0439	83.5236	709.179	781.309	-0.004076	-0.008875	31.2935	-0.010313
3.98728	72.317	83.9339	709.407	781.309	0.036685	-0.004375	31.2935	-0.010313
3.98828	72.5802	83.25	709.75	781.719	0.024458	-0.005938	31.3428	-0.011583
3.98928	71.4877	83.8603	708.836	780.899	0.016304	-0.007813	31.3822	-0.010938
3.99028	72.317	83.7971	708.95	780.353	-0.004076	-0.008438	31.4415	-0.010938
3.99128	71.7708	83.9339	709.179	780.353	-0.004076	-0.007188	31.2441	-0.010625
3.99228	72.317	83.9339	709.179	780.899	-0.012228	-0.008563	31.2441	-0.012188
3.99328	72.0439	83.8603	709.293	780.899	-0.004076	-0.005825	31.5402	-0.011583
3.99428	72.317	84.0706	709.407	780.353	-0.004076	-0.005825	31.2935	-0.011583
3.99528	72.4538	84.0706	708.379	780.353	-0.004076	-0.007813	31.4415	-0.011875
3.99628	71.9073	83.5236	709.407	781.309	-0.004076	-0.007188	31.4908	-0.011875
3.99728	71.7708	83.9339	709.407	780.899	-0.004076	-0.005938	31.1454	-0.01125
3.99828	71.7708	83.5236	709.179	781.719	-0.004076	-0.003438	31.3428	-0.010625
3.99928	71.9073	83.9339	709.75	781.172	-0.008152	-0.008563	31.4415	-0.010938
4.00028	72.0439	83.5236	708.95	780.899	0.036685	-0.008563	31.3428	-0.011583
4.00128	71.4877	83.5236	708.95	780.899	-0.004076	-0.00825	31.5402	-0.010313
4.00228	72.0439	83.8603	709.179	781.172	-0.004076	-0.008875	31.4908	-0.010313
4.00328	72.0439	83.7971	708.95	780.783	-0.004076	-0.008563	31.3428	-0.011583

4.00429	71.7708	83.5236	709.407	760.353	-0.004076	-0.006563	31.4415	-0.0125
4.00529	72.0439	83.7971	708.265	759.533	-0.02038	-0.007813	30.9481	-0.014375
4.00629	72.1805	83.7971	709.179	761.446	-0.004076	-0.006563	31.4415	-0.012188
4.00729	71.7708	84.0706	709.635	761.309	-0.012228	-0.006563	31.6389	-0.011875
4.00829	72.0439	83.6603	709.293	761.309	-0.004076	-0.006513	31.5402	-0.010838
4.00929	72.1805	83.6603	709.635	761.309	0.026532	-0.001875	31.5402	-0.010313
4.01029	72.4536	84.0706	708.493	761.172	-0.004076	-0.005836	31.4415	-0.011875
4.01129	71.9073	83.5236	709.293	761.036	0.057065	-0.005313	31.4908	-0.011875
4.01229	72.0439	83.5236	708.836	760.353	-0.004076	-0.006563	31.2935	-0.011563
4.01329	71.4977	83.6603	708.722	760.353	-0.004076	-0.006125	31.4415	-0.0125
4.01429	72.0439	83.6603	709.293	761.172	-0.004076	-0.006536	31.6389	-0.010825
4.01529	71.9073	83.7971	709.293	760.353	-0.004076	-0.004686	31.2935	-0.01125
4.01629	71.9073	83.7971	709.884	759.807	-0.026532	-0.006438	31.1454	-0.011563
4.01729	72.317	83.7971	708.265	760.353	-0.004076	-0.006875	31.4415	-0.010825
4.01829	72.0439	83.7971	708.379	760.899	0.02038	-0.006936	31.5896	-0.010838
4.01929	72.317	83.7971	708.95	759.943	-0.004076	-0.007188	31.4908	-0.010838
4.02029	72.0439	83.5236	709.521	761.719	0.026532	-0.004686	31.3428	-0.011875
4.02129	72.1805	83.9339	709.635	760.353	-0.004076	-0.007188	31.3922	-0.010838
4.02229	72.1805	83.8903	708.95	761.446	0.061141	-0.007188	31.3428	-0.011563
4.02329	72.0439	83.7971	708.95	760.763	-0.004076	-0.007188	31.4415	-0.010313
4.02429	72.5902	83.25	708.95	761.892	0.02038	-0.006539	31.3922	-0.010313
4.02529	72.1805	83.8339	708.95	760.353	-0.004076	-0.00625	31.2441	-0.011875
4.02629	72.1805	83.6603	709.407	760.353	-0.004076	-0.007813	31.6389	-0.008063
4.02729	71.7708	83.7971	708.493	759.67	-0.036685	-0.006438	31.0467	-0.01375
4.02829	71.9073	83.7971	708.722	760.899	-0.004076	-0.008083	31.4415	-0.012613
4.02929	72.0439	83.7971	709.635	760.353	-0.004076	-0.006583	31.7378	-0.012188
4.03029	72.4536	83.7971	708.95	761.172	-0.004076	-0.005836	31.7378	-0.011563
4.03129	72.0439	83.7971	709.635	760.899	-0.004076	-0.008083	31.3922	-0.010313
4.03229	72.0439	83.9339	709.179	761.446	-0.004076	-0.006563	31.6389	-0.010838
4.03329	72.1805	83.7971	708.722	760.899	0.02038	-0.004375	31.2935	-0.011563
4.03429	72.0439	83.7971	709.179	761.172	-0.004076	-0.006563	31.5402	-0.010313
4.03529	72.317	83.6603	708.722	760.353	-0.008152	-0.007188	31.3922	-0.011563
4.03629	71.9073	83.6603	708.722	762.128	-0.004076	-0.00625	31.5402	-0.012188
4.03729	72.0439	83.5236	708.95	761.172	0.02038	-0.007813	31.3428	-0.011563
4.03829	72.5902	84.2074	708.265	759.807	-0.036685	-0.006686	30.9974	-0.013438
4.03929	72.0439	83.5236	708.836	760.353	-0.008152	-0.006875	31.5402	-0.011563
4.04029	72.0439	83.5236	708.836	760.899	-0.004076	-0.00625	31.8363	-0.01125
4.04129	71.9073	83.9339	708.836	760.353	-0.004076	-0.007188	31.2441	-0.01125
4.04229	72.0439	83.5236	708.95	760.763	0.024456	-0.003438	31.5402	-0.011563
4.04329	72.0439	83.3688	709.293	760.353	-0.004076	-0.007188	31.3428	-0.011563
4.04429	72.0439	83.7971	708.836	760.353	0.044837	-0.006583	31.2935	-0.012188
4.04529	72.0439	83.3688	708.722	760.353	-0.012228	-0.007188	31.3428	-0.010825
4.04629	71.9073	83.5236	708.95	761.172	-0.004076	-0.007813	31.3428	-0.011563
4.04729	71.9073	83.3688	708.95	761.446	-0.004076	-0.006583	31.1454	-0.01125
4.04829	72.0439	83.5236	709.293	761.036	-0.004076	-0.007188	31.2935	-0.010313
4.04929	72.1805	83.5236	708.95	759.533	-0.061141	-0.009063	30.8967	-0.009698
4.05029	72.317	84.0706	708.95	761.309	-0.004076	-0.006563	31.4415	-0.010313
4.05129	71.9073	83.5236	709.407	760.899	-0.004076	-0.006936	31.7869	-0.008375
4.05229	72.1805	84.2074	708.493	761.172	-0.004076	-0.005313	31.1454	-0.010838
4.05329	72.5902	83.7971	709.407	761.309	-0.004076	-0.005313	31.3428	-0.010838
4.05429	72.317	83.7971	708.722	761.309	-0.004076	-0.00625	31.3428	-0.012188
4.05529	72.0439	83.7971	708.95	761.309	-0.006152	-0.007813	31.1454	-0.011875

4.05829	71.9073	83.7871	708.85	761.719	-0.004078	-0.006836	31.3922	-0.010825
4.05729	72.0439	83.3888	708.836	761.446	-0.004078	-0.006875	31.0961	-0.012188
4.05829	72.5902	83.25	708.722	761.446	-0.004078	-0.00625	31.3428	-0.010313
4.05829	72.0439	83.5236	708.836	761.172	-0.02038	-0.006563	31.1454	-0.01125
4.06029	72.0439	83.7871	708.85	768.987	-0.040761	-0.01125	30.8494	-0.013438
4.06129	71.9073	83.7871	708.178	760.353	-0.004078	-0.006563	31.1454	-0.012813
4.06229	72.0439	83.3888	708.722	760.899	-0.004078	-0.006313	31.4808	-0.010938
4.06329	72.1805	83.9339	708.95	761.446	0.02038	-0.005825	31.0467	-0.012188
4.06429	71.9073	83.5236	708.85	761.446	0.024456	-0.004083	31.3428	-0.011583
4.06529	71.9073	83.7871	708.836	761.309	-0.004078	-0.00625	31.0467	-0.010313
4.06629	72.317	83.7871	708.95	761.309	0.028532	-0.005313	31.0961	-0.010825
4.06729	72.4536	84.3442	708.722	760.763	-0.004078	-0.006563	30.9481	-0.010313
4.06829	72.1805	83.7871	709.407	760.08	-0.004078	-0.007188	31.0961	-0.010825
4.06929	71.4977	83.9339	709.293	760.353	-0.004078	-0.007188	31.1454	-0.011583
4.07029	72.317	84.0706	709.835	760.899	-0.004078	-0.008125	31.0467	-0.013438
4.07129	72.0439	83.6603	709.835	760.353	-0.02038	-0.009063	31.0467	-0.009888
4.07229	72.317	83.9339	708.378	760.08	-0.004078	-0.007813	31.0961	-0.012813
4.07329	71.4977	83.5236	708.95	761.172	-0.004078	-0.005313	31.3922	-0.01125
4.07429	72.317	84.0706	708.607	761.172	-0.004078	-0.006563	31.2441	-0.01125
4.07529	72.0439	83.5236	709.407	761.719	-0.004078	-0.002813	31.1454	-0.012188
4.07629	72.317	83.6603	708.285	760.899	-0.004078	-0.008438	30.9481	-0.010313
4.07729	72.0439	83.5236	708.95	761.172	-0.004078	-0.006836	30.8987	-0.010825
4.07829	71.7708	83.7871	708.95	761.446	-0.004078	-0.006875	30.9481	-0.010313
4.07929	72.1805	83.6603	708.493	760.899	-0.008152	-0.0075	30.8	-0.011583
4.08029	72.1805	83.7871	708.493	762.538	-0.004078	-0.005313	30.7507	-0.012188
4.08129	72.0439	83.6603	708.836	761.446	-0.004078	-0.006563	30.8987	-0.010938
4.08229	72.317	83.6603	709.293	760.899	-0.024456	-0.007813	30.7507	-0.011583
4.08329	71.7708	83.5236	708.836	761.309	-0.004078	-0.007188	30.9481	-0.01125
4.08429	72.4536	84.3442	708.151	760.353	-0.004078	-0.006563	31.1454	-0.009888
4.08529	72.1805	83.5236	708.493	760.899	-0.004078	-0.005825	30.6026	-0.010313
4.08629	72.0439	83.5236	708.722	760.899	-0.004078	-0.004083	31.1454	-0.010313
4.08729	72.5902	84.481	708.493	760.626	-0.004078	-0.005825	30.9974	-0.011875
4.08829	72.1805	83.6603	708.836	760.763	0.028532	-0.006563	31.0467	-0.009888
4.08929	72.1805	84.0706	709.835	761.309	-0.004078	-0.007813	30.9481	-0.010313
4.09029	72.317	83.6603	708.722	761.036	-0.004078	-0.006563	31.0961	-0.01125
4.09129	72.5902	83.25	708.836	761.446	-0.004078	-0.005313	30.8987	-0.011583
4.09229	71.8342	83.6603	708.95	760.353	-0.004078	-0.006563	30.7507	-0.011583
4.09329	72.0439	83.5236	709.864	761.309	-0.004078	-0.007813	30.7507	-0.007813
4.09429	72.317	84.3442	707.578	760.08	-0.008152	-0.008125	30.4546	-0.012813
4.09529	72.0439	83.5236	708.95	761.036	-0.004078	-0.005313	30.9481	-0.0125
4.09629	72.0439	83.5236	708.807	761.036	-0.012228	-0.007188	30.5533	-0.010938
4.0973	71.4977	83.25	708.493	761.036	-0.004078	-0.00625	30.7507	-0.010938
4.0983	72.5902	83.5236	708.836	760.353	-0.004078	-0.004688	30.5533	-0.01125
4.0993	72.0439	83.9339	708.722	760.626	-0.004078	-0.007813	30.7013	-0.010825
4.1003	72.5902	83.25	708.85	761.446	0.044837	-0.006563	30.5038	-0.010313
4.1013	72.0439	83.6603	708.95	761.309	-0.004078	-0.005825	30.5038	-0.011583
4.1023	72.0439	83.7871	708.95	761.892	-0.004078	-0.006875	30.5038	-0.011583
4.1033	72.317	84.0706	708.285	760.763	-0.004078	-0.007188	30.3568	-0.010938
4.1043	72.1805	83.7871	710.082	761.446	0.028532	-0.007188	30.5038	-0.009888
4.1053	72.1805	83.9339	708.836	760.763	-0.004078	-0.006836	30.5533	-0.010938
4.1063	72.4536	83.5236	708.493	760.353	-0.004078	-0.007188	30.652	-0.011583
4.1073	72.317	83.9339	708.285	761.172	-0.004078	-0.006563	30.3568	-0.010938

4.1083	72.4638	84.3442	708.151	760.899	0.024456	-0.004083	30.5533	-0.011563
4.1093	72.317	84.0708	709.293	761.036	0.024456	-0.005313	30.1092	-0.010838
4.1103	72.1805	84.2074	708.836	761.446	-0.004076	-0.006583	30.1585	-0.010313
4.1113	72.317	83.7971	708.493	760.899	0.040761	-0.0076	30.5533	-0.010313
4.1123	71.7708	83.9339	709.293	761.446	-0.012228	-0.006583	30.4546	-0.010825
4.1133	72.4538	83.8603	708.607	760.899	-0.004076	-0.006538	30.4053	-0.010838
4.1143	72.317	83.8603	708.493	760.353	-0.008152	-0.007813	30.2572	-0.011875
4.1153	72.4538	84.3442	709.864	760.353	-0.004076	-0.005825	30.1585	-0.008125
4.1163	72.0439	83.8603	708.151	760.353	-0.004076	-0.006875	30.1585	-0.012188
4.1173	72.1805	83.7971	708.722	761.172	-0.004076	-0.005838	30.652	-0.009063
4.1183	72.5902	83.3868	708.836	761.309	-0.004076	-0.005313	30.3559	-0.01125
4.1193	71.7708	83.7971	708.607	760.899	-0.004076	-0.005313	30.3088	-0.013125
4.1203	71.4977	83.7971	708.607	760.899	-0.004076	-0.0075	30.1585	-0.010313
4.1213	72.1805	83.5236	708.722	760.899	-0.004076	-0.005825	29.8131	-0.011875
4.1223	72.1805	83.5236	708.493	760.353	-0.004076	-0.006583	30.1585	-0.0125
4.1233	72.5902	84.0708	708.607	761.309	-0.004076	-0.007188	30.2079	-0.010313
4.1243	72.0439	83.8603	708.836	762.285	-0.004076	-0.006583	30.1585	-0.011563
4.1253	72.317	83.5236	708.95	760.353	-0.004076	-0.006583	29.9612	-0.011563
4.1263	72.0439	83.7971	709.864	761.172	-0.004076	-0.007188	30.2572	-0.009688
4.1273	72.317	83.7971	708.722	760.826	-0.004076	-0.006583	29.8131	-0.011563
4.1283	72.4538	84.0708	708.151	760.353	-0.004076	-0.005938	30.5533	-0.010838
4.1293	72.5902	83.3868	708.379	760.353	-0.004076	-0.006875	29.9118	-0.010838
4.1303	72.1805	83.5236	708.493	761.719	0.02038	-0.004063	29.8625	-0.011563
4.1313	72.317	83.7971	708.285	760.353	-0.004076	-0.005313	29.9612	-0.011563
4.1323	72.317	83.5236	708.493	760.353	-0.004076	-0.007188	29.8625	-0.010838
4.1333	72.1805	83.7971	708.493	760.899	-0.004076	-0.006583	29.9612	-0.010825
4.1343	72.0439	83.3868	708.285	760.763	-0.004076	-0.006583	30.0105	-0.010825
4.1353	72.317	83.7971	708.607	761.719	-0.004076	-0.00625	29.9612	-0.010313
4.1363	72.0439	83.7971	708.493	760.353	-0.004076	-0.006583	30.1685	-0.012188
4.1373	72.0439	83.7971	709.635	760.899	-0.02038	-0.006875	29.7638	-0.009375
4.1383	72.5902	83.7971	709.293	759.607	-0.004076	-0.00625	29.8625	-0.011875
4.1393	72.4538	83.5236	708.95	760.353	-0.016304	-0.005938	30.3559	-0.01125
4.1403	72.0439	83.5236	708.607	760.899	-0.004076	-0.007188	29.7638	-0.012188
4.1413	72.317	83.7971	708.493	760.899	-0.004076	-0.006583	29.8625	-0.012613
4.1423	72.317	83.8603	708.722	760.763	-0.004076	-0.004688	29.8131	-0.011875
4.1433	72.317	83.7971	709.293	760.353	-0.004076	-0.007188	29.8651	-0.012188
4.1443	72.0439	83.5236	708.722	760.763	0.036685	-0.007188	29.9612	-0.012613
4.1453	72.0439	83.5236	708.95	761.309	-0.012228	-0.007813	29.7638	-0.01125
4.1463	72.1805	83.8603	708.95	761.982	-0.004076	-0.005938	29.9118	-0.012188
4.1473	72.8999	83.7971	708.151	760.353	-0.004076	-0.005938	29.7638	-0.010313
4.1483	72.1805	83.9339	709.75	760.899	-0.012228	-0.007813	29.8131	-0.00875
4.1493	72.7287	84.0708	708.285	760.763	-0.004076	-0.006583	29.7638	-0.011875
4.1503	72.8633	83.7971	708.285	760.353	-0.004076	-0.007813	29.7638	-0.010313
4.1513	72.317	83.7971	708.836	760.763	0.024456	-0.005313	29.7638	-0.010313
4.1523	72.317	83.7971	708.722	760.899	-0.004076	-0.00376	29.5664	-0.010313
4.1533	72.1805	83.7971	708.607	761.446	-0.016304	-0.006583	29.5171	-0.011563
4.1543	72.317	83.5236	708.036	761.172	-0.004076	-0.007813	29.7638	-0.010838
4.1553	72.5902	82.9765	708.722	761.172	0.044837	-0.005938	29.5664	-0.010313
4.1563	72.1805	83.5236	708.95	760.826	-0.004076	-0.007813	29.7638	-0.010838
4.1573	72.317	83.5236	708.493	761.855	-0.004076	-0.006583	29.5171	-0.010838
4.1583	71.9073	82.9765	708.379	760.08	-0.008152	-0.0076	29.4677	-0.010838
4.1593	72.317	83.7971	709.407	760.353	-0.012228	-0.008125	29.6651	-0.006875

4.1603	72.317	83.6603	708.038	760.353	-0.004078	-0.008875	29.6157	-0.010938
4.1613	71.7708	83.7971	708.379	760.353	-0.004078	-0.005938	29.369	-0.010313
4.1623	72.317	83.6603	708.493	760.353	0.024456	-0.004698	29.4677	-0.013125
4.1633	72.317	83.5236	708.493	760.899	-0.004078	-0.005313	29.369	-0.012188
4.1643	72.317	83.5236	708.722	760.353	-0.004078	-0.005313	29.5171	-0.010825
4.1653	72.317	83.7971	708.95	761.309	-0.004078	-0.008563	29.4184	-0.009688
4.1663	72.5902	83.3688	708.265	760.353	0.048913	-0.005313	29.5654	-0.010313
4.1673	72.317	83.5236	708.265	760.783	-0.008152	-0.008563	29.3197	-0.010313
4.1683	72.9999	83.9339	708.038	761.446	-0.004078	-0.005938	29.369	-0.010313
4.1693	72.317	83.6603	708.722	760.899	0.024456	-0.008875	29.2703	-0.011583
4.1703	71.4977	83.7971	708.379	760.353	-0.004078	-0.008563	29.3197	-0.009688
4.1713	72.4536	83.5236	708.265	760.353	-0.004078	-0.008563	29.369	-0.01125
4.1723	72.317	83.7971	708.95	760.899	-0.004078	-0.007188	29.5654	-0.011563
4.1733	72.1805	83.7971	708.493	760.783	0.02038	-0.008875	29.1223	-0.011563
4.1743	72.5902	83.25	708.265	760.08	-0.004078	-0.008563	29.3197	-0.012188
4.1753	72.317	83.6603	708.836	760.783	-0.004078	-0.005313	29.4184	-0.011563
4.1763	72.1805	83.5236	708.95	761.036	-0.004078	-0.005313	29.2703	-0.010825
4.1773	72.1805	83.7971	708.722	760.826	-0.004078	-0.005938	29.369	-0.010313
4.1783	72.317	83.9339	708.493	760.216	-0.018304	-0.005938	29.3197	-0.010938
4.1793	72.0439	83.3688	708.607	761.719	-0.008152	-0.007813	28.9249	-0.012813
4.1803	72.5902	82.9765	708.836	760.353	-0.004078	-0.007813	28.8756	-0.0125
4.1813	72.0439	83.7971	708.722	760.353	-0.004078	-0.007188	29.0236	-0.010313
4.1823	72.317	83.3688	708.95	760.783	-0.004078	-0.008563	28.8282	-0.010313
4.1833	72.317	83.7971	708.607	760.353	-0.004078	-0.005625	29.1716	-0.010313
4.1843	72.0439	83.25	708.265	760.353	-0.004078	-0.005313	29.3197	-0.010938
4.1853	72.317	83.7971	708.836	760.783	-0.004078	-0.005625	28.9743	-0.010825
4.1863	72.5902	83.5236	708.636	760.783	0.028532	-0.004063	29.073	-0.01125
4.1873	72.0439	83.9339	708.95	760.08	-0.004078	-0.0075	29.0236	-0.011583
4.1883	72.5902	84.0706	708.038	760.353	0.028532	-0.005938	29.1716	-0.010938
4.1893	72.0439	83.7971	708.722	760.353	-0.004078	-0.00825	29.4677	-0.01125
4.1903	72.317	84.0706	708.636	761.446	-0.004078	-0.004063	28.9249	-0.012188
4.1913	72.0439	83.7971	708.493	760.353	-0.004078	-0.008875	28.7769	-0.011583
4.1923	72.0439	83.5236	708.493	759.807	-0.004078	-0.005938	29.073	-0.00875
4.1933	72.317	83.5236	708.722	760.353	-0.004078	-0.00825	29.0236	-0.011875
4.1943	72.317	83.6603	708.038	760.353	-0.004078	-0.005938	29.073	-0.011583
4.1953	72.5902	83.7971	708.493	759.807	-0.004078	-0.006663	29.369	-0.011563
4.1963	72.4536	83.5236	708.493	760.353	0.028532	-0.006663	29.073	-0.011583
4.1973	72.317	83.7971	708.379	759.533	0.02038	-0.005938	28.9249	-0.012188
4.1983	72.5902	83.5236	708.493	760.216	-0.008152	-0.007813	29.0236	-0.011563
4.1993	72.317	83.5236	708.722	760.08	0.028532	-0.008563	28.8756	-0.010313
4.2003	72.8633	83.1133	707.579	759.533	-0.012228	-0.007188	28.9743	-0.010313
4.2013	72.5902	83.5236	708.493	760.08	-0.004078	-0.005625	28.9249	-0.010938
4.2023	72.317	83.5236	708.379	759.67	-0.004078	-0.00625	29.1223	-0.010938
4.2033	72.5902	83.7971	708.95	759.807	-0.004078	-0.008875	28.9249	-0.007813
4.2043	72.5902	83.5236	708.836	759.533	-0.004078	-0.007813	28.7769	-0.012813
4.2053	72.5902	84.0706	707.485	759.26	-0.004078	-0.005938	29.0236	-0.012188
4.2063	72.7267	84.2074	708.379	760.08	-0.004078	-0.006638	29.4677	-0.010938
4.2073	72.4536	83.7971	708.722	759.807	0.024456	-0.008563	28.9743	-0.010313
4.2083	72.5902	83.6603	708.265	759.807	0.024456	-0.003125	29.1223	-0.013438
4.2093	72.5902	83.7971	708.607	759.807	-0.004078	-0.005938	28.7769	-0.010625
4.2103	72.317	83.5236	708.493	759.807	0.024456	-0.00625	28.7769	-0.011583
4.2113	72.317	83.5236	708.95	759.67	-0.004078	-0.005938	28.7769	-0.011583

4.2123	72.5902	84.0706	706.836	760.353	-0.004076	-0.00875	28.7769	-0.011563
4.2133	72.4536	83.5236	706.836	759.533	-0.016304	-0.00825	28.7769	-0.011563
4.2143	72.317	83.5236	706.836	759.26	-0.024456	-0.006563	28.8756	-0.010938
4.2153	72.317	83.9339	706.265	758.441	-0.016304	-0.005313	28.8756	-0.012188
4.2163	72.5902	83.5236	706.493	759.397	-0.004076	-0.005938	29.3197	-0.012188
4.2173	72.5902	83.3868	706.265	758.714	-0.004076	-0.005625	29.221	-0.010313
4.2183	72.7267	84.0706	706.151	758.577	-0.004076	-0.005625	28.7769	-0.010938
4.2193	72.5902	83.5236	706.722	758.987	0.02038	-0.003125	28.9743	-0.012188
4.2203	72.5902	83.6603	706.265	758.987	-0.004076	-0.007188	28.7275	-0.012813
4.2213	72.0439	83.7971	706.379	759.124	0.02038	-0.005938	28.7769	-0.011563
4.2223	72.317	83.9339	706.836	759.651	-0.016304	-0.008125	28.8756	-0.011875
4.2233	72.5902	83.5236	706.607	759.67	-0.004076	-0.004688	28.7275	-0.010938
4.2243	72.5902	83.6603	706.036	758.168	-0.012228	-0.007813	28.9743	-0.01125
4.2253	72.317	83.9339	706.722	758.441	-0.004076	-0.007188	28.8756	-0.010938
4.2263	72.0439	83.5236	706.493	757.758	-0.004076	-0.00875	28.4808	-0.012188
4.2273	72.4536	83.7971	706.379	758.168	-0.004076	-0.007188	28.8756	-0.012813
4.2283	71.9073	82.9765	707.922	757.884	-0.012228	-0.007813	28.7769	-0.013438
4.2293	72.5902	83.5236	706.722	758.714	0.028532	-0.005625	28.9743	-0.010938
4.2303	72.4536	83.5236	706.265	758.168	0.024456	-0.002813	29.1716	-0.010313
4.2313	72.5902	83.3868	706.379	758.441	-0.004076	-0.008438	28.9249	-0.010938
4.2323	71.7708	83.7971	706.607	758.714	0.044837	-0.006563	28.9249	-0.010313
4.2333	72.1805	84.0706	706.493	758.577	-0.004076	-0.00625	29.0236	-0.011563
4.2343	72.5902	83.6603	706.493	759.67	-0.008152	-0.004688	29.0236	-0.010938
4.2353	72.1805	83.3868	706.493	758.168	-0.004076	-0.005938	28.7769	-0.010313
4.23631	72.317	83.7971	706.493	757.884	-0.004076	-0.006563	28.8282	-0.009083
4.23731	72.8633	83.7971	707.922	758.802	-0.004076	-0.008438	28.7769	-0.012813
4.23831	73.1365	84.3442	708.036	757.821	-0.004076	-0.007188	28.7769	-0.011875
4.23931	72.5902	83.7971	706.379	758.168	-0.004076	-0.005313	29.4677	-0.010625
4.24031	72.5902	84.0706	706.722	757.821	-0.004076	-0.005313	28.9743	-0.010938
4.24131	72.8633	84.2074	707.351	757.348	-0.004076	-0.003438	29.0236	-0.011563
4.24231	72.8633	83.6603	706.151	758.938	-0.004076	-0.005938	29.1716	-0.011563
4.24331	72.8633	84.0706	706.151	757.075	0.044837	-0.005938	29.1716	-0.010625
4.24431	72.5902	83.5236	706.265	757.075	-0.004076	-0.006563	29.1223	-0.010313
4.24531	72.9989	83.5236	706.036	758.685	-0.012228	-0.007813	29.1716	-0.011875
4.24631	72.5902	83.7971	706.151	757.485	-0.004076	-0.008875	29.073	-0.011563
4.24731	72.4536	83.7971	706.722	757.212	0.02038	-0.007813	28.7769	-0.011563
4.24831	72.4536	83.7971	707.579	755.709	-0.024456	-0.009083	28.7769	-0.01375
4.24931	72.7267	83.5236	706.265	758.802	-0.004076	-0.005313	28.9743	-0.012813
4.25031	72.5902	83.7971	706.265	758.255	-0.004076	-0.005	29.2703	-0.010625
4.25131	71.9073	83.5236	706.493	758.802	-0.004076	-0.005938	29.1223	-0.011563
4.25231	72.7267	83.6603	706.493	758.392	-0.004076	-0.005313	29.1223	-0.010625
4.25331	72.4536	83.5236	707.808	758.529	-0.008152	-0.007813	28.9249	-0.011875
4.25431	72.4536	83.3868	706.379	756.709	0.052989	-0.007188	29.1223	-0.010313
4.25531	72.5902	84.0706	706.95	757.075	-0.004076	-0.007813	28.8756	-0.012188
4.25631	72.8633	83.7971	706.95	757.075	-0.008152	-0.007813	28.8282	-0.013438
4.25731	72.5902	83.7971	706.265	758.938	-0.004076	-0.006563	28.9743	-0.010313
4.25831	72.5902	83.6603	706.379	755.848	-0.004076	-0.006563	29.1716	-0.012188
4.25931	72.8633	84.2074	707.808	755.163	-0.032609	-0.009375	28.7769	-0.013125
4.26031	72.5902	83.5236	706.379	755.709	-0.004076	-0.00625	29.3197	-0.012813
4.26131	72.4536	83.7971	707.894	755.573	-0.004076	-0.007188	29.073	-0.010938
4.26231	72.7267	83.7971	706.036	755.982	-0.004076	-0.006563	29.1223	-0.01125
4.26331	72.317	84.0706	706.95	756.255	0.024456	-0.001563	29.1716	-0.011563

4.26431	72.5902	83.9339	708.036	754.89	-0.008152	-0.006875	29.1223	-0.010938
4.26531	72.4536	83.5236	708.265	755.709	-0.004076	-0.004688	28.9249	-0.010625
4.26631	72.5902	83.5236	708.151	755.163	-0.012228	-0.006563	29.1716	-0.010313
4.26731	72.4536	83.6603	708.493	755.709	-0.004076	-0.005638	29.2703	-0.010638
4.26831	72.5902	83.7971	708.379	754.89	-0.004076	-0.007188	29.0236	-0.011563
4.26931	72.5902	83.3868	708.265	755.573	-0.004076	-0.006875	28.9743	-0.012813
4.27031	72.5902	83.9339	707.579	753.797	-0.044837	-0.010313	28.7769	-0.010638
4.27131	72.4536	83.7971	707.922	755.163	-0.004076	-0.004688	29.369	-0.010638
4.27231	72.5902	83.9339	708.95	755.438	0.024458	-0.004688	29.4577	-0.010938
4.27331	72.5902	84.0706	707.922	754.89	-0.004076	-0.006875	29.0236	-0.012813
4.27431	72.7267	83.6603	708.607	754.616	-0.004076	-0.004688	29.389	-0.010313
4.27531	72.317	83.7971	708.036	754.89	-0.004076	-0.00625	29.2703	-0.010625
4.27631	72.5902	83.7971	708.379	754.753	-0.004076	-0.005625	29.2703	-0.0125
4.27731	72.7267	83.6603	708.95	754.343	-0.004076	-0.006838	29.3197	-0.010313
4.27831	72.6633	84.0706	707.922	753.797	-0.008152	-0.00625	29.2703	-0.01125
4.27931	72.5902	82.9765	708.151	754.89	-0.004076	-0.005313	29.3197	-0.0125
4.28031	72.6633	83.3868	708.379	753.797	-0.004076	-0.006563	28.9743	-0.010625
4.28131	72.6633	83.7971	707.808	752.568	-0.028532	-0.010313	28.8756	-0.013438
4.28231	72.6633	84.3442	708.379	753.524	-0.004076	-0.006563	29.2703	-0.010938
4.28331	72.0439	83.6603	707.808	754.343	-0.004076	-0.006563	28.7838	-0.010313
4.28431	72.5902	83.7971	708.036	753.797	-0.004076	-0.005625	29.369	-0.010625
4.28531	72.6633	83.25	708.265	754.07	-0.004076	-0.004063	29.5171	-0.009375
4.28631	72.5902	83.7971	708.379	753.797	-0.004076	-0.006875	29.4184	-0.011663
4.28731	72.6633	83.5236	708.036	753.66	-0.004076	-0.008438	29.4184	-0.010625
4.28831	72.6633	83.9339	708.379	753.66	-0.012228	-0.005638	29.4184	-0.012188
4.28931	72.0439	83.25	708.036	753.66	-0.004076	-0.007188	29.3197	-0.011563
4.29031	72.9999	84.0706	707.808	754.207	-0.004076	-0.005313	29.369	-0.011875
4.29131	72.5902	83.5236	707.922	752.704	-0.004076	-0.00625	29.5171	-0.01125
4.29231	72.9999	83.9339	708.265	751.612	-0.02038	-0.006875	29.1716	-0.011563
4.29331	72.7267	83.5236	707.579	753.114	-0.004076	-0.008125	29.369	-0.011875
4.29431	73.1365	83.5236	708.036	753.387	-0.004076	-0.005313	29.9812	-0.012188
4.29531	72.6633	83.5236	707.485	752.977	0.024458	-0.005625	29.5664	-0.011563
4.29631	72.9999	83.5236	707.808	752.704	-0.004076	-0.004688	29.5664	-0.010938
4.29731	72.5902	83.7971	708.379	752.431	-0.008152	-0.005313	29.5171	-0.011563
4.29831	72.6633	83.9339	708.036	752.704	0.044837	-0.005313	29.5171	-0.010638
4.29931	72.5902	84.0706	708.607	751.202	-0.012228	-0.007813	29.369	-0.010313
4.30031	72.6633	84.0706	707.808	751.612	-0.028532	-0.007188	29.5664	-0.009063
4.30131	72.5902	83.5236	707.894	752.977	-0.004076	-0.004688	29.073	-0.01125
4.30231	72.6633	83.9339	707.894	751.475	-0.004076	-0.005313	29.369	-0.011563
4.30331	72.5902	83.5236	708.036	751.612	-0.02038	-0.009375	29.369	-0.010313
4.30431	72.6633	83.7971	707.894	751.612	-0.004076	-0.005638	29.2703	-0.013126
4.30531	72.1805	83.6603	708.036	752.295	-0.004076	-0.007188	29.7144	-0.011875
4.30631	72.5902	83.6603	707.808	752.021	-0.004076	-0.005313	29.1716	-0.011563
4.30731	72.6633	83.7971	707.922	751.612	-0.004076	-0.00375	29.6651	-0.010313
4.30831	72.6633	83.6603	707.808	751.339	-0.004076	-0.005625	29.369	-0.011563
4.30931	72.5902	83.6603	708.036	751.612	0.028532	-0.006875	29.3197	-0.010313
4.31031	72.5902	83.7971	707.579	751.612	0.02038	-0.006563	29.369	-0.011563
4.31131	72.6633	83.7971	707.351	751.065	-0.008152	-0.007188	29.7144	-0.011563
4.31231	72.5902	84.0706	707.237	751.339	-0.004076	-0.00625	29.3197	-0.01125
4.31331	72.7267	83.5236	707.579	750.109	-0.004076	-0.007188	29.5664	-0.012813
4.31431	72.0439	82.9765	708.493	750.382	-0.004076	-0.005638	29.5171	-0.007613
4.31531	73.1365	83.7971	707.123	749.973	-0.016304	-0.007188	29.0236	-0.015313

4.31831	72.9999	83.7971	707.579	750.519	-0.004076	-0.005625	29.1716	-0.012813
4.31731	72.8633	83.7971	707.351	750.519	-0.004076	-0.005313	29.2703	-0.010938
4.31831	72.8633	83.7971	706.894	750.246	-0.004076	-0.004063	29.5884	-0.009376
4.31931	72.9999	83.7971	708.285	750.519	0.024456	-0.005938	29.5884	-0.010313
4.32031	72.8633	83.5236	707.123	749.973	-0.004076	-0.005313	29.369	-0.012813
4.32131	72.7267	83.7971	707.351	749.973	0.036685	-0.006583	29.369	-0.010313
4.32231	72.9999	83.5236	707.579	750.382	-0.004076	-0.006583	29.4184	-0.010313
4.32331	73.273	82.9765	707.579	751.085	-0.004076	-0.007813	29.5171	-0.012813
4.32431	72.5902	83.7971	707.123	749.426	-0.004076	-0.005938	29.5171	-0.010313
4.32531	72.5902	83.5236	706.493	749.836	-0.004076	-0.006583	29.6851	-0.009063
4.32631	72.8633	83.5236	706.78	749.426	-0.004076	-0.005625	29.4877	-0.014063
4.32731	72.8633	83.5236	707.579	749.973	-0.012228	-0.006583	30.1585	-0.010313
4.32831	72.5902	83.7971	707.579	749.836	0.028532	-0.007813	29.6851	-0.009063
4.32931	73.1365	84.2074	706.894	749.153	0.016304	-0.006875	29.5884	-0.010938
4.33031	72.8633	83.7971	707.579	749.153	-0.004076	-0.007188	29.6851	-0.012813
4.33131	72.9999	83.5236	707.579	749.426	-0.004076	-0.007813	29.5884	-0.010313
4.33231	73.4096	83.5236	707.485	749.153	0.028532	-0.004375	29.5884	-0.010313
4.33331	72.8633	83.9339	707.922	749.426	-0.004076	-0.004688	29.5884	-0.010313
4.33431	72.9999	83.7971	707.808	750.382	0.028532	-0.005938	29.369	-0.010938
4.33531	72.8633	83.7971	707.579	748.807	-0.004076	-0.006583	29.5884	-0.010313
4.33631	72.7267	83.9339	706.493	749.153	-0.012228	-0.006583	29.4877	-0.00875
4.33731	72.8633	84.3442	706.78	748.88	-0.004076	-0.006583	29.4184	-0.012813
4.33831	72.5902	83.9339	707.579	749.153	-0.004076	-0.005625	29.9812	-0.010938
4.33931	73.4096	82.9765	707.237	748.334	-0.004076	-0.005938	29.4677	-0.013125
4.34031	73.1365	82.9765	707.485	748.807	-0.004076	-0.005313	29.5884	-0.011875
4.34131	72.8633	83.5236	707.351	748.197	-0.004076	-0.004688	29.5884	-0.012813
4.34231	72.8633	83.5236	707.485	748.061	-0.004076	-0.005625	29.6851	-0.01125
4.34331	72.5902	83.5236	707.579	748.807	-0.004076	-0.005313	29.7144	-0.010938
4.34431	72.4536	83.25	707.351	747.787	-0.004076	-0.006583	29.4677	-0.010938
4.34531	72.7267	83.5236	707.351	749.426	-0.004076	-0.005938	29.4184	-0.011583
4.34631	72.7267	83.1133	707.351	747.514	-0.004076	-0.005938	29.5884	-0.0125
4.34731	72.9999	83.7971	707.579	747.241	-0.004076	-0.005625	29.369	-0.009376
4.34831	72.7267	83.7971	707.485	746.895	-0.004076	-0.006563	29.5884	-0.011583
4.34931	72.5902	83.5236	707.351	747.241	-0.004076	-0.00375	29.6825	-0.011583
4.35031	72.9999	83.7971	707.123	747.787	-0.004076	-0.005313	29.4677	-0.011583
4.35131	72.8633	83.5236	707.351	747.241	-0.004076	-0.005313	29.6851	-0.011875
4.35231	72.5902	83.7971	707.008	747.241	-0.004076	-0.006583	29.7144	-0.010313
4.35331	72.8633	83.5236	706.552	747.104	-0.004076	-0.007813	29.5884	-0.010625
4.35431	72.8633	84.3442	706.437	746.968	0.044857	-0.006583	29.5884	-0.011583
4.35531	72.5902	83.7971	707.894	748.061	-0.004076	-0.007188	29.6851	-0.010938
4.35631	72.5902	83.9339	707.123	748.334	-0.004076	-0.005938	29.369	-0.01125
4.35731	72.5902	83.7971	707.579	747.104	-0.02038	-0.00625	29.4677	-0.01125
4.35831	72.7267	83.5236	707.808	746.558	-0.004076	-0.005625	29.7638	-0.009375
4.35931	72.5902	82.8398	707.123	746.285	-0.004076	-0.005938	29.4184	-0.012813
4.36031	72.5902	83.9339	706.894	746.831	-0.004076	-0.007188	29.5884	-0.011583
4.36131	73.1365	83.7971	707.123	746.895	0.016304	-0.005313	29.7638	-0.011875
4.36231	72.9999	83.9339	706.894	746.831	-0.004076	-0.005625	29.5884	-0.010938
4.36331	72.9999	83.3868	707.123	746.895	-0.004076	-0.008438	29.5884	-0.010938
4.36431	72.8633	83.7971	706.552	746.285	-0.004076	-0.008438	29.5884	-0.010313
4.36531	72.7267	83.5236	707.123	746.012	0.036685	-0.006583	29.5884	-0.009688
4.36631	72.9999	83.6603	707.123	746.146	-0.004076	-0.005313	29.7144	-0.010625
4.36731	72.7267	83.3868	707.008	746.968	0.028532	-0.005938	29.369	-0.010625

4.42032	73.1365	83.7971	705.98	742.734	0.028532	-0.008563	29.5664	-0.010313
4.42132	73.273	84.0706	705.98	742.87	-0.008152	-0.005938	29.5171	-0.010938
4.42232	73.1365	83.6603	705.295	742.87	-0.004078	-0.007813	29.4184	-0.010938
4.42332	72.9999	83.7971	705.98	742.87	-0.004078	-0.005938	29.5171	-0.011563
4.42432	72.7267	83.5236	706.208	742.597	-0.004078	-0.005313	29.4184	-0.010313
4.42532	73.1365	84.0706	705.752	741.231	-0.004078	-0.00625	29.221	-0.011563
4.42632	73.273	84.0706	705.752	742.324	-0.004078	-0.00625	29.5171	-0.012813
4.42732	72.8633	83.5236	705.752	742.061	-0.004078	-0.00625	29.5664	-0.009688
4.42832	72.8633	83.9339	706.524	742.87	-0.004078	-0.007188	29.4184	-0.010313
4.42932	73.1365	83.9339	705.888	741.778	-0.004078	-0.004063	29.369	-0.012188
4.43032	73.273	83.6603	706.095	742.87	0.02038	-0.008125	29.369	-0.01375
4.43132	73.1365	83.5236	705.98	741.914	0.028532	-0.007188	29.3197	-0.01125
4.43232	72.8633	83.5236	705.98	742.051	-0.004078	-0.008875	29.369	-0.010938
4.43332	73.4098	83.25	705.752	742.597	-0.004078	-0.008875	29.4184	-0.01125
4.43432	72.317	83.5236	705.752	741.368	-0.004078	-0.00625	29.5171	-0.010313
4.43532	72.8633	83.5236	705.98	740.968	-0.012228	-0.007813	29.4184	-0.010625
4.43632	72.8633	83.7971	705.98	741.641	-0.004078	-0.008563	29.1223	-0.01125
4.43732	72.5902	83.7971	705.181	741.505	-0.004078	-0.008563	29.4677	-0.011875
4.43832	73.1365	83.9339	705.295	741.095	-0.004078	-0.008563	29.2703	-0.010938
4.43932	72.8633	83.5236	705.524	741.778	-0.004078	-0.00625	29.3197	-0.012188
4.44032	72.9999	83.7971	705.295	741.914	-0.004078	-0.00375	29.5171	-0.009375
4.44132	73.273	84.0706	705.752	741.778	-0.004078	-0.008438	29.2703	-0.010938
4.44232	72.8633	83.7971	705.752	741.505	0.028532	-0.008563	29.3197	-0.011563
4.44332	73.4098	82.9765	705.295	741.641	-0.012228	-0.007188	29.221	-0.010938
4.44432	72.9999	83.6603	705.295	741.368	-0.004078	-0.008563	29.1716	-0.010313
4.44532	72.4536	83.5236	705.524	740.822	-0.004078	-0.005938	29.1716	-0.012188
4.44632	72.9999	83.5236	705.98	740.685	-0.004078	-0.007813	29.073	-0.009375
4.44732	73.1365	83.7971	704.838	740.685	-0.004078	-0.008563	28.9743	-0.013125
4.44832	72.4536	83.25	704.496	741.231	0.024458	-0.005625	29.1716	-0.011563
4.44932	73.1365	83.7971	705.638	741.505	-0.004078	-0.005938	29.5664	-0.010625
4.45032	72.9999	83.6603	705.295	741.641	-0.004078	-0.005313	29.221	-0.010313
4.45132	72.5902	83.5236	705.295	741.231	-0.004078	-0.004063	29.4677	-0.009063
4.45232	72.8633	83.7971	705.752	740.412	-0.004078	-0.008875	29.1716	-0.010625
4.45332	73.1365	83.5236	705.752	740.958	-0.004078	-0.00625	29.3197	-0.010313
4.45432	73.4098	83.7971	704.838	740.412	-0.004078	-0.007813	29.1716	-0.010313
4.45532	73.1365	83.6603	704.838	739.729	-0.004078	-0.005938	29.2703	-0.011875
4.45632	73.1365	83.7971	706.067	740.958	-0.004078	-0.007188	29.2703	-0.010313
4.45732	73.4098	83.6603	704.838	740.412	-0.004078	-0.008563	29.2703	-0.007813
4.45832	72.9999	83.5236	705.067	739.319	-0.028532	-0.00875	29.073	-0.012813
4.45932	73.4098	83.6603	705.295	739.888	-0.004078	-0.00625	29.2703	-0.011563
4.46032	73.1365	84.0706	704.838	740.958	-0.004078	-0.005625	29.5664	-0.010938
4.46132	73.1365	83.7971	705.295	739.592	-0.004078	-0.005938	29.1716	-0.011563
4.46232	72.9999	83.7971	705.295	739.592	-0.004078	-0.004063	29.1716	-0.010313
4.46332	73.1365	83.5236	704.838	740.275	-0.004078	-0.005938	29.221	-0.011563
4.46432	72.9999	83.7971	705.067	740.275	0.044837	-0.007188	29.221	-0.010313
4.46532	72.9999	83.6603	705.181	740.685	-0.012228	-0.007813	29.073	-0.010625
4.46632	73.6828	84.0706	704.838	740.139	-0.012228	-0.008438	29.1716	-0.010313
4.46732	73.5482	83.9339	704.381	739.888	-0.004078	-0.008563	29.2703	-0.010313
4.46832	72.9999	83.7971	704.724	739.888	-0.004078	-0.0075	28.9743	-0.011875
4.46932	73.4098	83.7971	704.381	739.048	-0.036685	-0.009063	28.7769	-0.012188
4.47032	72.9999	83.5236	704.838	739.319	-0.004078	-0.005938	29.2703	-0.010313
4.47132	72.8633	83.5236	704.838	740.139	0.02038	-0.005313	29.5664	-0.012188

4.47232	72.8633	83.25	704.838	739.582	-0.004076	-0.005313	28.8758	-0.011563
4.47332	72.4536	83.6603	704.852	740.002	0.016304	-0.003125	29.1718	-0.011563
4.47432	73.1365	83.5236	704.81	739.729	-0.004076	-0.005825	29.1718	-0.01125
4.47532	72.8999	83.7971	704.81	739.582	-0.004076	-0.007813	29.369	-0.010938
4.47632	73.1365	83.3668	704.81	739.886	-0.008152	-0.006313	28.8262	-0.012813
4.47732	72.8999	83.7971	704.838	739.318	-0.004076	-0.006875	29.2703	-0.012813
4.47832	73.1365	83.5236	705.181	739.729	-0.004076	-0.006683	28.9743	-0.012188
4.47932	73.273	83.6603	704.81	739.318	0.024456	-0.007188	29.1223	-0.011563
4.48032	73.273	83.9339	704.81	737.817	-0.028532	-0.009063	28.6782	-0.013125
4.48132	73.1365	83.6603	704.153	738.91	-0.004076	-0.005313	28.9249	-0.011563
4.48232	72.5902	83.25	704.724	739.729	0.02038	-0.004063	29.6651	-0.012188
4.48332	72.9999	83.5236	704.381	739.582	-0.004076	-0.005825	29.0236	-0.010313
4.48432	73.1365	83.9339	704.381	739.319	0.02038	-0.00375	28.9249	-0.010938
4.48532	72.5902	83.5236	704.153	738.5	-0.004076	-0.0075	28.9743	-0.010938
4.48632	72.8633	83.9339	704.724	739.458	0.028532	-0.005313	29.079	-0.011875
4.48732	73.1365	83.7971	704.153	738.5	-0.004076	-0.008438	28.7789	-0.011563
4.48832	73.1365	83.7971	704.267	738.5	-0.008152	-0.008438	28.9743	-0.010938
4.48932	73.1365	83.7971	704.81	738.5	0.02038	-0.006875	28.7275	-0.012813
4.49032	73.5482	83.6603	703.924	738.227	-0.004076	-0.006583	28.9249	-0.011563
4.49132	73.1365	84.0706	703.353	737.407	-0.028532	-0.009375	28.6289	-0.013438
4.49232	72.9999	83.6603	704.381	738.773	-0.004076	-0.005313	29.079	-0.012188
4.49332	72.9999	83.9339	704.381	739.048	-0.004076	-0.007813	29.369	-0.01125
4.49432	72.8633	83.7971	704.039	739.048	-0.012228	-0.008583	28.9743	-0.010938
4.49532	73.5482	83.1139	704.153	738.5	-0.004076	-0.005838	28.9743	-0.011875
4.49632	73.1365	83.7971	704.267	738.5	-0.004076	-0.008583	29.0236	-0.012813
4.49732	72.9999	83.9339	704.153	738.227	-0.004076	-0.006875	29.079	-0.010313
4.49832	73.4086	84.0706	704.039	737.407	-0.004076	-0.006875	28.9249	-0.010313
4.49932	73.1365	83.6603	703.924	738.227	-0.004076	-0.007188	29.079	-0.010313
4.50032	73.1365	83.5236	703.824	738.773	-0.012228	-0.007813	29.079	-0.01
4.50132	73.4086	84.0706	704.381	738.227	0.02038	-0.006583	28.7789	-0.011563
4.50232	73.1365	83.5236	703.125	738.314	-0.004076	-0.008375	28.6789	-0.012813
4.50332	72.8633	83.6603	703.468	738.997	-0.004076	-0.007813	28.9249	-0.012813
4.50432	73.4086	83.5236	704.381	738.5	-0.004076	-0.006583	29.6157	-0.011563
4.50532	73.1365	83.7971	704.153	737.407	-0.004076	-0.00825	29.0236	-0.011563
4.50632	73.1365	83.3668	704.153	738.09	-0.012228	-0.005825	29.2703	-0.010938
4.50732	73.273	83.7971	703.468	737.271	-0.004076	-0.006583	29.079	-0.012813
4.50832	73.273	83.7971	704.039	738.09	0.057065	-0.005313	28.6782	-0.011563
4.50932	73.6828	84.0706	704.153	737.953	-0.004076	-0.006583	29.079	-0.008438
4.51032	73.1365	83.6603	704.267	737.817	-0.004076	-0.007188	28.8758	-0.011875
4.51132	73.273	83.5236	704.267	737.817	0.02038	-0.006583	28.9249	-0.011563
4.51232	72.8633	83.5236	703.924	737.89	-0.02038	-0.006875	28.9249	-0.012188
4.51332	73.273	83.5236	705.067	737.407	-0.004076	-0.0075	28.9249	-0.010825
4.51432	73.4086	84.0706	703.353	736.997	-0.004076	-0.007188	28.7275	-0.01125
4.51532	73.4086	84.2074	703.696	737.407	-0.004076	-0.005825	29.2703	-0.011563
4.51632	73.1365	83.5236	704.039	737.407	-0.004076	-0.0075	28.7789	-0.008688
4.51732	73.273	83.7971	703.468	737.134	-0.004076	-0.004688	28.8758	-0.010625
4.51832	72.8633	83.25	704.153	737.89	-0.004076	-0.005838	28.9249	-0.010313
4.51932	73.1365	83.5236	703.924	737.271	-0.004076	-0.005825	29.0236	-0.010313
4.52032	73.4086	84.3442	703.239	736.724	-0.004076	-0.007188	28.7789	-0.011563
4.52132	73.4086	83.9339	703.696	736.724	-0.004076	-0.0075	28.7275	-0.011563
4.52232	73.1365	83.7971	704.039	738.227	-0.004076	-0.005313	28.8262	-0.012813
4.52332	73.4086	84.2074	703.468	736.724	-0.004076	-0.005313	28.9743	-0.012188

4.52433	73.1385	83.8803	703.924	736.314	-0.024456	-0.008438	28.9743	-0.00875
4.52533	73.1385	84.0708	703.125	736.314	-0.004078	-0.006563	28.9743	-0.010938
4.52633	73.4098	83.9339	703.686	737.407	-0.004078	-0.005938	29.221	-0.011563
4.52733	73.1385	83.8803	703.488	737.134	-0.004078	-0.00625	28.8758	-0.011875
4.52833	73.1385	83.5236	703.924	738.861	-0.004078	-0.002188	28.9743	-0.011563
4.52933	73.4098	84.0708	703.924	738.041	0.02038	-0.005625	28.9743	-0.01125
4.53033	73.273	83.5236	703.582	736.724	-0.004078	-0.006875	28.7275	-0.011563

0	78.0117	83.5238	15.6478	9.9705	29.0338	0.02125	-0.533867	5.20989
0.001	78.875	83.9339	15.8763	8.33151	29.4189	0.021583	-0.533867	5.21219
0.002	79.1483	83.5238	15.8763	8.60488	29.8327	0.020313	-0.632557	5.20989
0.003	79.1483	83.25	15.8763	7.78518	30.5501	0.019888	-0.632557	5.18219
0.004	78.875	83.7971	15.4194	8.48809	30.0408	0.023125	-0.435178	5.18887
0.005	79.1483	83.9339	15.6478	8.60488	30.3544	0.022813	-0.287144	5.15344
0.008	78.8018	82.703	15.9905	9.42417	30.4369	0.022188	-0.435178	5.18344
0.007001	79.1483	83.8903	15.8763	8.18493	29.8044	0.024688	-0.435178	5.22094
0.008001	79.1483	83.5238	16.3332	8.60488	29.8571	0.020938	-0.583212	5.20594
0.009001	78.6018	83.25	15.8763	8.151	29.4251	0.020825	-0.336488	5.21031
0.010001	78.875	83.5238	15.9905	8.19493	28.8914	0.019888	-0.533867	5.21219
0.011001	78.6018	82.9785	15.191	8.48809	28.7158	0.019375	-0.632557	5.21219
0.012001	78.875	83.3888	15.6478	8.48809	29.2131	0.020938	-0.484523	5.21531
0.013001	79.1483	83.5238	15.9905	8.19493	30.1099	0.021875	-0.435178	5.21125
0.014001	78.875	84.0708	15.4194	8.05835	30.5745	0.020938	-0.632557	5.20989
0.015001	78.875	84.3442	15.4194	8.60488	30.5582	0.020938	-0.435178	5.21531
0.016001	79.0117	83.5238	15.8763	9.151	31.2675	0.024083	-0.287144	5.21594
0.017001	79.0117	84.0708	15.8763	8.60488	31.2787	0.024083	-0.484523	5.21094
0.018001	79.4217	83.3888	16.1047	9.151	31.0759	0.026583	-0.336488	5.18844
0.019001	78.875	83.3888	15.191	9.151	31.2512	0.024375	-0.435178	5.17094
0.020001	78.875	83.5238	15.6478	8.60488	30.8318	0.021875	-0.435178	5.15594
0.021002	79.4217	83.5238	15.8763	8.33151	29.1234	0.019375	-0.484523	5.20719
0.022002	79.0117	83.5238	16.2189	8.60488	28.9156	0.021875	-0.336488	5.21594
0.023002	79.1483	83.25	15.9905	8.87784	29.3273	0.022188	-0.237789	5.21219
0.024002	79.0117	82.9785	15.7821	8.33151	29.8853	0.021583	-0.533867	5.21082
0.025002	79.4217	83.6603	15.4194	8.05835	29.8284	0.021875	-0.731246	5.20781
0.026002	79.1483	83.6603	15.4194	8.33151	29.9753	0.022188	-0.435178	5.20719
0.027002	78.0549	83.25	15.7821	8.60488	30.3544	0.023438	-0.287144	5.20594
0.028002	79.1483	83.3888	15.7821	8.87784	30.1058	0.021583	-0.583212	5.20594
0.029002	79.0117	83.3888	15.4194	8.60488	29.849	0.023125	-0.484523	5.21094
0.030002	78.875	83.3888	15.3052	8.33151	29.6886	0.021875	-0.484523	5.20781
0.031002	78.875	83.5238	16.1047	8.87784	29.2783	0.023125	-0.435178	5.20489
0.032002	79.0117	83.3888	15.9905	8.60488	28.7321	0.024375	-0.632557	5.18219
0.033002	78.875	83.5238	16.1047	8.87784	28.2104	0.022813	-0.632557	5.17594
0.034002	79.0117	83.25	15.8763	8.60488	28.1187	0.023125	-0.681901	5.18094
0.035003	78.875	83.5238	16.1047	8.48809	29.1479	0.024083	-0.632557	5.14719
0.036003	79.0117	83.5238	15.6478	8.05835	29.5351	0.020313	-0.731246	5.20187
0.037003	79.1483	83.5238	15.6478	8.48809	30.1832	0.022188	-0.533867	5.19989
0.038003	79.1483	83.5238	15.8763	7.37544	30.5745	0.021875	-0.04042	5.20344
0.039003	79.0117	83.7971	15.4194	9.151	30.7783	0.022188	-0.484523	5.20594
0.040003	78.6018	83.5238	15.9905	8.60488	30.9006	0.021875	-0.533867	5.20406
0.041003	78.875	83.5238	15.8763	8.60488	30.8109	0.022188	-0.435178	5.20094
0.042003	79.0117	83.5238	15.7821	9.151	30.6194	0.022813	-0.533867	5.19989
0.043003	79.1483	83.5238	16.1047	8.87784	29.9831	0.022813	-0.533867	5.20489
0.044003	78.875	83.5238	16.1047	9.151	28.7382	0.02125	-0.336488	5.20489
0.045003	78.875	83.5238	15.5336	8.87784	29.1842	0.020838	-0.435178	5.20344
0.046003	78.6018	83.5238	16.2189	9.69733	29.8938	0.022813	-0.533867	5.20344
0.047003	79.0117	83.5238	15.191	7.37544	30.0589	0.017813	-0.780591	5.19312
0.048004	79.4217	83.5238	15.7821	9.01442	30.2484	0.022813	-0.828825	5.17489
0.049004	79.0117	83.5238	15.8763	8.87784	30.4074	0.022813	-0.237789	5.15594
0.050004	79.0117	83.5238	15.6478	8.28759	30.5258	0.024688	-0.533867	5.14583
0.051004	78.3283	83.5238	15.8763	8.48809	30.493	0.025825	-0.435178	5.20489

0.052004	79.0117	83.5236	16.2189	9.42417	30.2321	0.022188	-0.533867	5.19969
0.053004	78.875	83.5236	16.3332	9.42417	29.9142	0.022188	-0.484523	5.20469
0.054004	79.8951	83.5236	16.1047	9.01442	29.5718	0.022813	-0.533867	5.20344
0.055004	79.0117	83.5236	16.1047	9.01442	29.205	0.022813	-0.632557	5.19844
0.056004	78.875	83.5236	15.9905	9.42417	28.8914	0.022188	-0.435178	5.19969
0.057004	79.1483	84.0706	15.5336	8.48809	29.0827	0.021563	-0.632557	5.20219
0.058004	79.0117	82.703	15.4194	8.19493	29.8816	0.019063	-0.731246	5.20437
0.059004	78.875	83.5236	15.6478	8.05835	30.2566	0.022813	-0.533867	5.20187
0.060004	79.1483	83.5236	16.3332	9.89733	30.7294	0.024688	-0.04042	5.20156
0.061004	79.0117	83.5236	15.8763	9.151	30.974	0.022813	-0.632557	5.20219
0.062005	79.1483	83.5236	15.8763	8.60468	31.031	0.024375	-0.435178	5.19844
0.063005	78.875	83.5236	15.9905	9.01442	31.0555	0.022813	-0.583212	5.17719
0.064005	78.875	83.3868	15.6478	8.19493	30.7702	0.022188	-0.435178	5.15531
0.065005	78.875	83.3868	15.6478	8.67784	30.1995	0.021563	-0.435178	5.15344
0.066005	78.1916	83.5236	15.8763	9.151	29.0827	0.020938	-0.435178	5.21219
0.067005	79.0117	83.3868	16.1047	9.01442	29.0338	0.020938	-0.435178	5.20856
0.068005	78.875	83.3868	16.3332	9.89733	29.3354	0.022813	-0.484523	5.20781
0.069005	79.1483	83.5236	16.1047	7.23885	30.0263	0.019063	-0.97797	5.20158
0.070005	78.875	82.4295	15.7621	8.48809	30.7335	0.021875	-0.484523	5.19937
0.071005	79.4217	83.3868	16.8758	9.151	30.6316	0.023438	-0.13911	5.20719
0.072005	78.875	83.5236	16.3332	9.01442	30.8153	0.023125	-0.731246	5.20719
0.073005	79.4217	83.25	15.8763	8.60468	30.9577	0.025938	-0.435178	5.20719
0.074005	78.875	83.5236	16.2189	8.05835	30.8617	0.022188	-0.435178	5.20313
0.075005	78.875	82.9765	16.3332	9.01442	30.5134	0.021563	-0.435178	5.20344
0.076006	78.875	84.0706	16.1047	9.151	30.2892	0.020938	-0.533867	5.20969
0.077006	78.7363	83.3868	16.3332	9.89733	29.9631	0.020313	-0.533867	5.20281
0.078006	78.875	82.9765	15.8763	9.151	29.3599	0.022188	-0.681901	5.17438
0.079006	78.8016	83.5236	16.1047	8.60468	29.4088	0.023438	-0.237799	5.15312
0.080006	79.0117	83.5236	16.1047	7.10227	30.0609	0.020825	-1.32338	5.15844
0.081006	79.0117	83.5236	16.1047	8.33151	30.5827	0.020825	-0.336488	5.21844
0.082006	78.3283	83.5236	16.3332	9.01442	31.0392	0.021563	0.156959	5.20906
0.083006	78.8016	83.5236	15.9905	8.60468	31.2348	0.022188	-0.583212	5.20969
0.084006	79.1483	83.3868	15.9905	9.151	31.2512	0.024375	-0.435178	5.20656
0.085006	78.0649	83.25	16.79	9.56075	31.1778	0.022188	-0.484523	5.21094
0.086006	78.4649	83.25	16.8758	9.56075	31.031	0.022188	-0.287144	5.21406
0.087006	78.1483	83.5236	16.8758	9.42417	30.5175	0.019668	-0.484523	5.21031
0.088006	79.1483	83.5236	16.4474	9.83392	29.9876	0.023125	-0.435178	5.20869
0.089006	78.4649	83.5236	16.5616	9.56075	28.993	0.022188	-0.188454	5.21094
0.090007	79.1483	83.5236	15.8763	8.05835	28.9276	0.02125	-0.287144	5.21489
0.091007	79.1483	83.3868	15.7621	8.60468	29.4658	0.021563	-0.583212	5.21219
0.092007	79.0117	83.3868	15.8763	9.28759	29.7349	0.0225	-0.336488	5.19531
0.093007	78.875	83.9339	16.2189	9.01442	30.0609	0.023438	0.156959	5.17156
0.094007	79.0117	83.5236	16.3332	8.67784	30.2036	0.022188	-0.484523	5.15825
0.095007	78.4649	83.5236	16.3332	9.56075	30.2851	0.022188	-0.287144	5.17156
0.096007	79.1483	83.25	16.1047	9.151	30.2484	0.021875	-0.435178	5.22469
0.097007	79.1483	83.5236	16.5616	9.28759	30.1751	0.024375	-0.632557	5.20844
0.098007	78.875	83.5236	16.3332	8.67784	29.9305	0.023125	-0.435178	5.21082
0.099007	78.875	83.9339	16.3332	9.01442	29.4903	0.0225	-0.435178	5.21156
0.100007	78.875	83.5236	17.0186	8.67784	28.9849	0.022188	-0.632557	5.21562
0.101007	79.0117	83.5236	15.6478	9.151	28.9849	0.021563	-0.484523	5.21812
0.102007	78.3283	83.5236	16.79	8.60468	29.6856	0.020938	-0.681901	5.21156
0.103007	79.1483	83.25	15.6478	8.60468	30.1343	0.021563	-0.632557	5.21031

0.104007	79.1483	83.5236	16.2189	9.42417	30.5378	0.022188	0.008824	5.21469
0.105008	78.6016	82.8398	16.1047	9.56075	30.7539	0.020313	-0.632557	5.21656
0.106008	79.0117	83.6603	16.79	9.01442	30.9088	0.025825	-0.583212	5.21344
0.107008	79.1483	84.3442	16.79	9.42417	30.8925	0.022813	-0.435178	5.19969
0.108008	78.875	84.2074	16.4474	9.28759	30.6905	0.022188	-0.533887	5.17689
0.109008	79.1483	83.7971	16.1047	9.42417	30.4522	0.02375	-0.632557	5.15719
0.110008	79.1483	83.5236	16.1047	8.87784	29.959	0.023438	-0.435178	5.17062
0.111008	78.875	83.5236	16.5816	9.151	29.3191	0.020838	-0.237799	5.21812
0.112008	79.1483	83.7971	15.7821	8.33151	28.8669	0.018125	-0.435178	5.20159
0.113008	78.875	83.5236	17.1327	8.87784	28.2349	0.020838	-0.780591	5.21125
0.114008	78.875	83.5236	15.191	9.151	28.7077	0.020838	-0.533887	5.20719
0.115008	78.875	84.0706	15.4194	8.87784	29.1398	0.023125	-0.435178	5.20594
0.116008	78.6016	83.5236	15.8783	9.28759	29.4047	0.025	-0.188454	5.20594
0.117008	78.875	83.5236	15.9905	8.87784	29.5863	0.024083	-0.435178	5.20219
0.118008	79.0117	83.5236	16.5816	9.151	29.6982	0.022813	-0.533887	5.20781
0.119008	79.0117	83.5236	16.5816	8.60468	29.8289	0.022813	-0.583212	5.20825
0.120008	79.0117	83.3868	16.1047	8.60468	29.58	0.022813	-0.632557	5.20856
0.121008	78.875	83.5236	15.8783	9.151	29.3273	0.022813	-0.338488	5.20156
0.122008	79.1483	83.5236	15.9905	9.69733	28.8544	0.023125	-0.435178	5.18906
0.123008	78.7383	83.1133	16.3332	8.87784	28.5876	0.021583	-0.583212	5.17094
0.124008	79.4217	83.5236	17.4753	9.56075	28.4884	0.022188	-0.533887	5.15344
0.125008	79.0117	83.5236	15.5336	8.33151	28.8387	0.024083	-0.632557	5.16593
0.126008	79.0117	83.3868	16.1047	8.05835	30.3137	0.0225	-0.237799	5.20844
0.127008	79.0117	83.5236	15.6478	9.56075	30.7946	0.023125	-0.681901	5.19719
0.128008	78.875	83.7971	15.9905	8.60468	31.0189	0.024083	-0.287144	5.20594
0.129008	78.875	83.6603	15.9905	9.151	31.0555	0.023438	-0.435178	5.19969
0.130008	79.0117	83.5236	15.7821	9.01442	31.0382	0.021583	-0.484523	5.19844
0.131008	79.1483	83.5236	16.1047	8.60468	30.9251	0.020838	-0.533887	5.19812
0.13201	78.875	83.3868	16.1047	8.87784	30.6842	0.021875	-0.435178	5.20156
0.13301	79.0117	83.6603	15.8783	10.1071	30.1425	0.021583	-0.632557	5.20469
0.13401	78.875	83.5236	15.8783	8.46809	29.7145	0.021875	-0.533887	5.20219
0.13501	78.3283	83.5236	16.3332	8.46809	28.8707	0.023438	-0.632557	5.19969
0.13601	79.0117	83.9339	15.4194	8.60468	29.0175	0.022188	-0.484523	5.19888
0.13701	79.0117	83.25	15.6478	8.60468	29.1724	0.022188	-0.13811	5.18781
0.13801	79.1483	83.5236	16.1047	9.42417	29.2783	0.022813	-0.435178	5.18563
0.13901	79.1483	83.6603	16.3332	9.01442	30.118	0.024688	-0.435178	5.14469
0.14001	79.1483	83.3868	16.5816	8.60468	28.6859	0.023438	-0.435178	5.16062
0.14101	79.1483	83.3868	16.3332	9.151	29.7349	0.020825	-0.435178	5.20887
0.14201	79.0117	83.7971	15.9905	9.151	30.0202	0.02125	-0.435178	5.19844
0.14301	79.0117	83.7971	15.4194	8.46809	29.5392	0.02125	-0.435178	5.20563
0.14401	78.875	83.3868	16.1047	9.42417	28.9278	0.021875	-0.435178	5.19906
0.14501	79.5584	83.5236	16.1047	8.60468	28.7892	0.022188	-0.435178	5.19888
0.146011	79.1483	83.3868	16.79	8.60468	28.8789	0.022188	-0.435178	5.20094
0.147011	78.875	83.5236	15.6478	8.33151	29.4282	0.019888	-0.533887	5.19969
0.148011	79.0117	83.7971	15.8783	9.01442	30.2892	0.02125	-0.435178	5.20281
0.149011	79.285	83.3868	15.6478	8.46809	30.6683	0.022188	-0.484523	5.19969
0.150011	79.5584	83.5236	15.8783	9.01442	30.8109	0.022813	-0.435178	5.20187
0.151011	78.875	83.6603	15.9905	8.87784	31.6425	0.022813	-0.629936	5.20344
0.152011	79.0117	82.9785	15.8783	8.60468	31.5772	0.021875	-0.435178	5.18969
0.153011	79.0117	83.7971	15.8783	8.05835	31.0881	0.022813	-0.435178	5.16594
0.154011	79.0117	83.7971	15.6478	8.19493	31.5772	0.022813	-0.533887	5.14594
0.155011	79.1483	83.5236	15.6478	8.60468	31.1328	0.022813	-0.484523	5.16719

0.156011	79.0117	83.7971	15.8763	8.33151	30.2525	0.021875	-0.484523	5.21594
0.157011	79.0117	83.5236	15.8758	8.60468	28.7158	0.021563	-0.336488	5.20625
0.158011	79.0117	83.5236	15.0768	8.33151	29.2457	0.02125	-0.632557	5.20281
0.159011	79.1483	83.6603	15.9905	8.87784	29.474	0.021563	-0.04042	5.19969
0.160012	79.0117	83.25	15.8478	9.42417	29.6044	0.02125	-0.287144	5.20437
0.161012	79.1483	83.7971	15.8478	9.42417	30.3137	0.020625	-0.533867	5.20969
0.162012	79.0117	83.3868	15.8763	8.60468	30.1017	0.022813	-0.237799	5.20875
0.163012	78.875	83.1139	15.5336	8.87784	30.1965	0.023438	-0.533867	5.2075
0.164012	79.4217	83.5236	15.8763	8.60468	30.2077	0.022813	-0.435178	5.20219
0.165012	79.4217	83.3868	15.9905	9.42417	29.637	0.0225	-0.533867	5.20781
0.166012	79.0117	83.3868	15.8478	9.69733	29.2457	0.020313	-0.533867	5.21187
0.167012	78.875	83.7971	15.7621	7.92177	29.0627	0.0225	-0.435178	5.19719
0.168012	79.0117	83.3868	15.7621	8.33151	28.4509	0.021563	-0.435178	5.17219
0.169012	79.1483	83.5236	15.8478	7.78518	28.7525	0.022813	-0.829936	5.15219
0.170012	79.1483	83.5236	15.4194	7.51202	29.6248	0.019688	-0.04042	5.17719
0.171012	79.6951	83.5236	16.1047	8.46809	30.1588	0.021875	-0.484523	5.22219
0.172012	79.5584	83.25	16.3332	8.46809	30.6194	0.023438	-0.533867	5.20781
0.173012	79.0117	83.3868	15.8478	8.33151	30.8925	0.024063	-0.435178	5.21031
0.174013	78.875	83.5236	15.4194	8.60468	31.1696	0.02125	-0.533867	5.21031
0.175013	79.1483	83.25	15.7621	8.60468	31.2638	0.02	-0.336488	5.21594
0.176013	79.0117	83.3868	15.8763	8.60468	31.2185	0.022813	-0.681901	5.21688
0.177013	79.1483	83.5236	15.5336	8.60468	30.9984	0.019688	-0.583212	5.21469
0.178013	78.875	83.25	14.9625	7.78518	30.1791	0.020938	-0.533867	5.21594
0.179013	79.0117	83.5236	16.5616	8.60468	28.8626	0.020938	-0.435178	5.21969
0.180013	79.1483	83.3868	15.6478	8.33151	28.9482	0.021563	-0.632557	5.21344
0.181013	78.875	83.3868	15.8763	8.60468	29.6289	0.023125	-0.533867	5.21469
0.182013	79.6651	83.5236	15.8905	8.60468	29.8001	0.023125	-0.435178	5.19531
0.183013	79.0117	82.9765	15.8763	9.151	30.0283	0.022188	-0.632557	5.17156
0.184013	78.875	83.25	15.5336	9.151	30.1588	0.025625	-0.435178	5.15719
0.185013	78.875	83.5236	16.2189	9.42417	30.0243	0.022813	-0.435178	5.18719
0.186013	78.875	83.7971	16.1047	9.42417	30.0283	0.020625	-0.681901	5.21781
0.187013	79.1483	83.6603	16.1047	8.60468	29.8184	0.0225	-0.287144	5.20219
0.188014	78.875	82.703	15.7621	8.60468	29.3232	0.022813	-0.484523	5.20437
0.189014	78.875	83.5236	16.1047	9.01442	29.0175	0.02125	-0.632557	5.20469
0.190014	79.1483	83.5236	17.3811	8.60468	28.5936	0.023438	-0.435178	5.20563
0.191014	79.1483	83.7971	15.8763	8.87784	28.0841	0.023438	-0.484523	5.20281
0.192014	79.875	83.6603	15.8763	9.01442	28.0555	0.024888	-0.287144	5.19844
0.193014	79.4217	83.5236	15.8763	8.19493	29.2457	0.021563	-0.435178	5.20281
0.194014	78.875	83.5236	15.6478	9.01442	29.7878	0.022813	-0.484523	5.20469
0.195014	78.3263	83.3868	15.9905	9.151	30.2077	0.02375	-0.435178	5.20344
0.196014	79.0117	83.25	16.3332	8.60468	30.4522	0.020938	-0.484523	5.20156
0.197014	78.6016	83.5236	15.8763	8.60468	30.7783	0.023438	-0.632557	5.18344
0.198014	79.0117	83.25	16.8758	8.87784	30.9577	0.022188	-0.583212	5.16313
0.199014	78.6016	83.5236	16.1047	9.69733	30.5501	0.023438	-0.632557	5.14937
0.200014	78.875	83.7971	16.1047	9.151	30.2444	0.024888	-0.435178	5.17781
0.201014	79.1483	83.6603	16.1047	9.151	29.5881	0.024063	-0.435178	5.20719
0.202015	79.0117	83.25	16.8758	9.01442	28.8218	0.022813	-0.484523	5.19594
0.203015	79.0117	83.5236	15.6478	8.33151	29.2865	0.021563	-0.188454	5.20344
0.204015	78.875	83.25	15.8763	8.87784	29.7188	0.0225	-0.237799	5.19969
0.205015	79.0117	83.5236	15.5336	8.05835	30.1588	0.022813	-0.533867	5.20219
0.206015	79.1483	83.3868	15.9905	9.01442	30.4074	0.028563	-0.435178	5.19812
0.207015	78.4649	83.5236	15.6478	9.01442	30.4115	0.020938	-0.829936	5.19875

0.206016	79.0117	83.7971	15.6478	8.46809	30.4033	0.021875	-0.533867	5.20219
0.206016	79.0117	83.7971	15.5336	9.151	30.3628	0.022813	-0.336488	5.20313
0.210015	79.1483	83.5236	15.7621	9.58075	30.1669	0.02125	-0.632557	5.19969
0.211016	79.0117	83.7971	15.8763	8.87784	29.9101	0.024375	-0.435178	5.19584
0.212016	79.0117	83.7971	15.8763	8.46809	29.3762	0.0225	-0.632557	5.18219
0.213015	78.4649	83.5236	16.1047	8.46809	28.8381	0.020625	-0.632557	5.16084
0.214015	78.875	83.5236	15.7621	8.60468	28.8707	0.022813	-0.435178	5.14781
0.215015	79.5584	83.5236	16.1047	8.60468	29.3517	0.021875	-0.188454	5.17281
0.216016	79.1483	83.3868	15.9905	8.60468	29.7797	0.022813	-0.484523	5.20844
0.217016	79.1483	83.5236	15.8763	8.87784	30.4359	0.022188	-0.435178	5.19875
0.218016	79.1483	83.5236	15.4194	8.05835	30.4645	0.021583	-0.731246	5.20658
0.219016	78.875	83.5236	15.6478	9.151	30.9495	0.022188	-0.484523	5.20187
0.220016	79.1483	83.3868	16.1047	9.83392	31.0881	0.022813	-0.533867	5.20158
0.221016	79.0117	83.5236	16.1047	9.42417	30.6089	0.021583	-0.237799	5.20408
0.222016	79.0117	83.6803	16.1047	9.151	30.6642	0.021583	-0.336488	5.20719
0.223016	79.1483	83.7971	16.6758	8.60468	30.008	0.021875	-0.533867	5.20837
0.224016	79.0117	83.5236	15.8763	8.05835	28.5406	0.020625	-1.02731	5.2025
0.225016	79.1483	83.5236	15.8763	9.01442	28.9787	0.021875	-0.533867	5.19969
0.226016	79.1483	83.3868	15.8763	8.60468	29.6164	0.020938	-0.13911	5.20469
0.227016	79.1483	83.3868	16.1047	8.60468	30.1995	0.020625	-0.632557	5.18969
0.228016	79.1483	83.25	16.3332	9.28759	30.3628	0.027813	-0.583212	5.18969
0.229016	79.285	83.1133	16.79	8.46809	30.8784	0.022813	-0.583212	5.14719
0.230017	78.4649	83.5236	16.2189	9.151	30.888	0.0225	-0.435178	5.17858
0.231017	79.1483	83.7971	16.5618	8.33151	30.7578	0.021875	-0.533867	5.21281
0.232017	79.1483	84.0706	15.9905	10.1071	30.709	0.019688	-0.731246	5.20781
0.233017	78.875	83.5236	16.2189	9.151	30.5134	0.022813	-0.533867	5.21126
0.234017	78.875	83.6803	16.1047	8.60468	30.1221	0.022188	-0.435178	5.20469
0.235017	78.6016	83.3868	16.5618	8.05835	29.7186	0.020938	-0.533867	5.20825
0.236017	79.1483	83.25	16.1047	7.78518	29.209	0.022188	-0.188454	5.21158
0.237017	78.7363	82.9785	15.8763	8.46809	29.5229	0.021583	-0.435178	5.21031
0.238017	78.8283	83.3868	16.2189	9.151	30.1889	0.022188	-0.435178	5.20937
0.239017	79.0117	83.7971	16.3332	9.58075	30.6479	0.027188	-0.435178	5.20687
0.240017	79.1483	83.6803	16.2189	9.01442	31.1207	0.022188	-0.681901	5.20906
0.241017	79.1483	83.5236	16.1047	8.33151	31.0963	0.02125	-0.435178	5.21094
0.242017	78.875	82.9785	15.6478	8.60468	31.1778	0.020938	-0.583212	5.18438
0.243017	79.1483	83.5236	16.6758	9.151	31.3001	0.022188	-0.533867	5.17158
0.244018	79.1483	83.5236	16.3332	8.60468	30.9862	0.022188	-0.237799	5.15312
0.245018	78.875	83.5236	17.0185	9.42417	30.3177	0.021583	-0.435178	5.18281
0.246018	78.6016	83.25	15.191	8.05835	29.8882	0.0175	-0.681901	5.21906
0.247018	79.1483	83.5236	15.9905	8.18493	29.0684	0.023125	-0.533867	5.20837
0.248018	78.875	84.2074	15.8763	8.60468	28.883	0.020625	-0.237799	5.20969
0.249018	79.0117	84.0706	15.8763	8.60468	29.3762	0.020938	-0.533867	5.20584
0.250018	78.875	83.3868	16.5618	8.87784	29.8818	0.023438	-0.237799	5.21531
0.251018	79.1483	83.5236	16.3332	9.01442	29.9657	0.020313	-0.632557	5.21844
0.252018	78.875	83.5236	15.8763	8.87784	30.118	0.020938	-0.336488	5.21594
0.253018	79.1483	83.5236	16.2189	9.28759	30.1751	0.021875	-0.632557	5.20969
0.254018	78.6016	83.5236	16.3332	8.60468	30.1058	0.019688	-0.632557	5.21438
0.255018	79.1483	83.7971	16.1047	9.8705	29.9387	0.020313	-0.533867	5.21531
0.256018	78.875	83.5236	16.1047	8.33151	29.7758	0.021583	-0.681901	5.21281
0.257019	79.1483	83.6803	15.9905	8.18493	29.3599	0.022188	-0.629936	5.18219
0.258019	79.0117	83.6803	15.8763	8.05835	28.7648	0.024063	-0.484523	5.16667
0.259019	79.1483	83.5236	16.3332	9.151	28.9115	0.022813	-0.188454	5.15469

0.260019	78.6016	83.6603	15.8763	8.33151	29.6898	0.0225	-0.731248	5.19594
0.261019	79.0117	83.6603	16.6758	9.151	30.0408	0.024063	-0.533867	5.21937
0.262019	78.7383	83.1133	16.5616	9.01442	30.4278	0.020313	-0.533867	5.20989
0.263019	79.1483	83.7971	16.1047	9.151	30.7376	0.021563	-0.583212	5.21406
0.264019	78.7383	83.6603	16.4474	9.69733	30.8071	0.021563	-0.287144	5.21125
0.265019	79.0117	83.25	16.6758	9.42417	30.599	0.024063	-0.237799	5.20989
0.266019	79.1483	83.5236	16.3332	9.151	30.5093	0.022188	-0.435178	5.20906
0.267019	79.6951	83.5236	16.1047	8.60468	30.1588	0.024063	-0.435178	5.20344
0.268019	79.4217	83.7971	15.8763	7.92177	29.5881	0.018125	-0.87928	5.20781
0.269019	78.875	83.5236	16.79	9.151	29.0664	0.022813	-0.484523	5.20844
0.270019	78.6016	83.6603	16.2189	9.42417	28.3979	0.023438	-0.13911	5.20844
0.27102	79.0117	83.5236	16.1047	8.60468	28.0068	0.024375	-0.484523	5.20219
0.27202	78.4649	83.3868	16.3332	9.28759	28.4676	0.025838	-0.484523	5.17989
0.27302	79.1483	83.7971	15.9905	9.69733	28.6628	0.019688	-0.435178	5.16094
0.27402	78.875	83.5236	16.6758	9.69733	29.1112	0.02375	-0.484523	5.14687
0.27502	79.1483	83.25	17.0185	9.56075	29.388	0.0225	-0.632557	5.18644
0.27602	79.0117	84.0708	16.3332	8.67784	29.4169	0.021875	-0.435178	5.20675
0.27702	79.0117	83.6603	16.3332	9.151	29.3639	0.02375	-0.484523	5.19644
0.27802	79.1483	83.5236	16.1047	8.60468	29.3028	0.023438	-0.681901	5.19989
0.27902	78.875	84.0708	15.8763	7.78518	28.9608	0.018688	-0.829836	5.20281
0.28002	79.1483	82.9785	15.3052	8.67784	28.7077	0.02125	-0.336488	5.20437
0.28102	79.1483	83.3868	16.3332	8.67784	28.4957	0.022188	-0.188454	5.20281
0.28202	78.875	83.3868	16.6763	9.42417	29.0175	0.021563	-0.435178	5.20344
0.28302	79.1483	83.3868	16.4194	8.33151	29.7104	0.022188	-0.731248	5.20344
0.28402	79.6951	83.3868	15.7621	8.60468	30.2974	0.0225	-0.632557	5.20437
0.285021	79.1483	82.9785	16.1047	9.01442	30.548	0.024888	-0.632557	5.20437
0.286021	79.1483	83.5236	15.8763	8.46809	30.7743	0.021875	-0.435178	5.19937
0.287021	79.1483	83.5236	16.3332	9.151	30.9088	0.021563	-0.435178	5.17908
0.288021	78.6016	83.3868	15.8763	9.42417	31.0392	0.021563	-0.583212	5.18094
0.289021	79.0117	83.7971	15.6478	8.60468	30.7783	0.0225	-0.632557	5.14687
0.290021	79.1483	83.5236	14.9825	8.96589	30.44	0.018125	-1.07686	5.19219
0.291021	79.0117	83.7971	14.9825	8.05835	30.4319	0.019688	-0.632557	5.20219
0.292021	78.875	84.0708	16.1047	9.151	29.7512	0.0225	-0.04042	5.20094
0.293021	79.1483	83.5236	16.3332	9.01442	28.508	0.022813	-0.484523	5.20468
0.294021	78.0117	83.5236	16.3332	8.60468	29.0012	0.022188	-0.681901	5.20313
0.295021	79.0117	83.25	15.4194	8.46809	29.6044	0.02375	-0.336488	5.19989
0.296021	78.7383	83.3868	15.9905	9.56075	29.5147	0.022813	-0.484523	5.19989
0.297021	79.1483	83.3868	15.8763	9.28759	29.6859	0.022188	-0.435178	5.19989
0.298021	79.1483	83.5236	16.6616	8.60468	30.2036	0.021563	-0.681901	5.20594
0.299022	79.6584	83.6603	16.1047	9.69733	29.8816	0.020625	-0.583212	5.20469
0.300022	79.1483	83.5236	15.7621	7.92177	29.5881	0.022188	-0.435178	5.20187
0.301022	79.4217	83.6603	15.6478	8.05835	29.5963	0.019063	-1.02731	5.19812
0.302022	79.0117	83.6603	14.7341	8.60468	29.2987	0.0225	-0.533867	5.17989
0.303022	79.1483	83.5236	16.1047	8.46809	28.5938	0.023125	-0.533867	5.16158
0.304022	78.875	82.9785	15.8763	8.46809	28.8381	0.02375	-0.533867	5.14687
0.305022	79.1483	83.5236	15.8763	8.67784	29.6819	0.025313	-0.632557	5.19688
0.306022	79.1483	84.0708	15.7621	9.01442	29.9957	0.020938	-0.583212	5.20531
0.307022	79.6951	83.5236	15.6478	8.60468	30.8191	0.020938	-0.632557	5.20825
0.308022	78.875	84.0708	15.6478	9.01442	30.974	0.021563	-0.435178	5.20583
0.309022	79.286	83.5236	16.5616	9.42417	30.9658	0.020938	-0.583212	5.20219
0.310022	79.4217	83.25	15.7621	9.01442	31.4631	0.019375	-0.435178	5.20469
0.311022	78.6016	83.5236	15.9905	8.05835	31.459	0.020625	-0.435178	5.20584

0.312022	79.1483	83.5236	16.5616	8.05835	30.8435	0.020313	-0.533867	5.21156
0.313023	79.0117	83.5236	15.5336	8.19493	31.0963	0.021563	-0.533867	5.20719
0.314023	79.4217	83.5236	15.6478	9.01442	30.1955	0.022188	-0.237789	5.20313
0.315023	79.0117	83.5236	16.8758	8.74126	28.5528	0.023438	-0.533867	5.20489
0.316023	79.1483	83.5236	15.4194	8.80468	28.8952	0.0225	-0.435178	5.20594
0.317023	78.6016	83.5236	15.8763	8.87784	29.3985	0.021875	-0.583212	5.18594
0.318023	79.6951	83.3868	15.6478	9.151	29.5474	0.022188	-0.336488	5.18406
0.319023	78.875	83.6603	15.8478	8.80468	29.7838	0.023125	-0.435178	5.14969
0.320023	79.1483	83.3868	15.4194	9.01442	29.9101	0.019688	-0.435178	5.20437
0.321023	79.4217	83.5236	15.8763	10.2437	29.7878	0.022188	-0.533867	5.21126
0.322023	78.875	83.25	14.7341	8.05835	29.9061	0.022813	-0.533867	5.21158
0.323023	79.6951	83.5236	15.8478	8.19493	29.4332	0.020938	-0.731246	5.20875
0.324023	79.1483	83.6236	16.1047	8.60468	29.1031	0.022188	-0.583212	5.20469
0.325023	79.1483	83.6236	16.1047	8.33151	28.8463	0.022188	0.008824	5.20837
0.326023	78.6016	83.5236	16.1047	8.60468	28.3735	0.021563	-0.533867	5.21219
0.327024	78.875	83.5236	16.1047	9.151	28.3184	0.020938	-0.484523	5.20969
0.328024	79.1483	83.8338	15.7821	9.151	29.2702	0.020938	-0.435178	5.21084
0.329024	79.1483	83.5236	15.7821	8.05835	29.7875	0.019375	-0.583212	5.21031
0.330024	79.1483	83.3868	14.9825	7.51202	30.1873	0.019688	-0.435178	5.21218
0.331024	78.875	84.0708	15.6478	8.48809	30.5175	0.021875	-0.435178	5.20375
0.332024	79.0117	83.7871	15.4194	9.89733	30.815	0.024888	-0.435178	5.17969
0.333024	78.4649	83.5236	15.9905	8.05835	30.8862	0.023125	-0.484523	5.15969
0.334024	79.0117	83.5236	17.2468	9.151	31.0351	0.024063	-0.533867	5.15856
0.335024	79.1483	83.5236	15.4194	8.19493	30.8843	0.020313	-0.336488	5.21531
0.336024	79.1483	83.5236	15.6478	8.60468	30.2688	0.021563	-0.089765	5.21281
0.337024	78.6016	83.25	16.1047	9.89733	28.8523	0.023438	-0.435178	5.21031
0.338024	78.875	83.25	16.4194	8.33151	28.618	0.022813	-0.829838	5.20719
0.339024	79.0117	83.3868	15.5336	8.05835	29.2131	0.023438	-0.435178	5.20875
0.340024	79.0117	83.25	16.3332	8.87784	29.8982	0.022188	-0.632557	5.21344
0.341025	79.1483	83.5236	16.1047	8.60468	29.7838	0.0225	-0.632557	5.21281
0.342025	79.1483	83.5236	15.6478	8.87784	29.8001	0.023438	-0.435178	5.21082
0.343025	79.1483	83.5236	16.5616	9.56075	30.0935	0.0225	-0.681801	5.20989
0.344025	79.1483	83.5236	15.3052	7.92177	29.849	0.021563	-0.533867	5.21912
0.345025	79.285	83.3868	16.3332	8.19493	29.7875	0.020313	-0.533867	5.21856
0.346025	78.4649	83.3868	15.6478	9.151	29.4251	0.020313	-0.533867	5.20594
0.347025	79.1483	83.5236	15.8763	8.48809	28.9523	0.021563	-0.435178	5.17906
0.348025	79.0117	83.8803	16.1047	9.28759	28.871	0.022813	-0.435178	5.18281
0.349025	79.1483	83.5236	16.4474	9.151	28.1044	0.025938	-0.435178	5.15594
0.350025	79.4217	83.3868	15.7821	8.60468	27.7294	0.022813	-0.533867	5.21582
0.351025	79.0117	83.7871	15.9905	8.60468	28.83	0.023438	-0.632557	5.21156
0.352025	78.875	83.5236	16.2189	8.60468	29.4088	0.021563	-0.533867	5.20989
0.353025	79.1483	83.6603	15.6478	9.01442	29.7188	0.020938	-0.533867	5.21084
0.354025	79.1483	83.5236	16.1047	9.89733	30.2729	0.023125	-0.435178	5.21084
0.355026	79.1483	83.5236	15.9905	8.87784	30.3707	0.020825	-0.533867	5.20937
0.356026	79.1483	83.7871	16.3332	9.151	30.5823	0.022813	-0.484523	5.21156
0.357026	79.0117	82.8388	15.191	8.05835	30.4885	0.019688	-0.287144	5.20989
0.358026	79.1483	83.6603	16.1047	8.05835	30.4196	0.022813	-0.336488	5.21156
0.359026	79.1483	83.3868	16.5616	8.60468	29.6207	0.022813	-0.089765	5.21218
0.360026	79.1483	84.2074	15.4194	8.87784	28.5202	0.023438	-0.435178	5.20969
0.361026	79.1483	83.5236	16.3332	9.151	28.8014	0.022813	-0.533867	5.20219
0.362026	78.875	83.6603	16.1047	9.01442	29.4088	0.022813	-0.484523	5.17906
0.363026	79.0117	83.5236	16.3332	9.151	29.8001	0.022813	-0.435178	5.18375

0.384028	78.875	82.9785	15.6478	9.151	29.8979	0.020825	-0.583212	5.15406
0.385028	79.0117	83.3888	15.191	10.3802	30.0446	0.021875	-0.336488	5.21125
0.386028	79.0117	83.5236	16.1047	8.60468	30.281	0.02125	-0.435178	5.20887
0.387028	78.7383	83.5236	15.4194	8.46809	30.0813	0.022813	-0.632557	5.20844
0.388028	78.875	83.5236	15.5336	8.60468	29.7919	0.022813	-0.681801	5.20594
0.389027	79.1483	83.3868	16.2189	8.87784	29.8327	0.02375	-0.089785	5.20594
0.370027	79.1483	83.9339	16.2189	8.46809	29.474	0.023438	-0.731246	5.20531
0.371027	79.1483	83.5236	15.8763	9.151	28.8867	0.023438	-0.287144	5.20469
0.372027	79.1483	83.6803	15.9905	9.01442	28.6914	0.021563	-0.583212	5.20469
0.373027	79.0117	83.3868	16.3332	9.28759	28.7611	0.021875	-0.583212	5.20887
0.374027	79.4217	83.5236	16.3332	9.151	29.3884	0.02375	-0.435178	5.20469
0.375027	79.0117	83.5236	15.9905	8.33151	29.9468	0.020838	-0.533867	5.20594
0.376027	79.0117	83.5236	16.3332	9.42417	30.5501	0.023125	-0.583212	5.19969
0.377027	79.1483	83.3868	16.3332	8.60468	30.6927	0.021875	-0.435178	5.18156
0.378027	79.0117	83.7971	16.5816	9.01442	30.7743	0.02375	-0.336488	5.16469
0.379027	79.1483	83.5236	15.8763	8.87784	30.9658	0.024375	-0.533867	5.14531
0.380027	79.1483	83.5236	15.9905	8.60468	30.7702	0.022188	-0.435178	5.19906
0.381027	79.1483	83.7971	16.3332	9.151	30.3218	0.020825	-0.632557	5.20094
0.382028	79.1483	83.5236	16.1047	8.46809	29.2131	0.022188	-0.435178	5.20469
0.383028	79.1483	83.5236	16.2189	9.58075	28.4468	0.024375	-0.533867	5.20469
0.384028	79.0117	83.5236	16.2189	8.60468	29.3843	0.020313	-0.287144	5.20344
0.385028	79.4217	83.25	16.2189	8.60468	29.849	0.020938	-0.435178	5.20156
0.386028	78.875	84.0706	16.1047	8.87784	30.2586	0.022188	-0.336488	5.19969
0.387028	79.6684	82.9785	16.6478	8.60468	30.4686	0.022188	-0.336488	5.20437
0.388028	79.1483	83.25	16.5616	8.33151	30.5093	0.020938	-0.435178	5.20656
0.389028	79.1483	83.25	17.2489	9.69733	30.7457	0.02375	-0.435178	5.20531
0.390028	79.1483	83.25	15.6478	8.60468	30.7416	0.022188	-0.533867	5.19969
0.391028	79.5584	83.25	16.3332	8.60468	30.2974	0.021563	-0.13911	5.19719
0.392028	79.1483	83.5236	16.3332	8.46809	30.0772	0.021563	-0.336488	5.17944
0.393028	78.875	82.703	16.2189	9.42417	30.1058	0.020938	-0.632557	5.15969
0.394028	78.4849	83.25	16.2189	9.01442	29.3762	0.022813	-0.533867	5.14594
0.395028	79.1483	83.5236	16.1047	9.28759	28.6463	0.022188	-0.435178	5.19969
0.396028	79.4217	83.5236	16.1047	9.28759	29.7919	0.023438	-0.583212	5.20469
0.397028	79.1483	83.7971	16.3332	9.01442	30.0835	0.020938	-0.336488	5.20469
0.398028	79.0117	84.3442	16.3332	10.3802	30.3544	0.02125	-0.237799	5.20156
0.399028	78.875	83.7971	16.1047	9.01442	30.7416	0.023125	-0.484523	5.19969
0.400029	79.0117	83.6803	15.9905	8.87784	30.9251	0.022188	-0.435178	5.20344
0.401029	79.6951	83.5236	15.6478	8.33151	30.6435	0.020938	-0.533867	5.20719
0.402029	79.1483	83.5236	15.8763	8.33151	30.856	0.021875	-0.435178	5.20844
0.403029	79.1483	83.5236	16.2189	9.151	30.3177	0.0225	-0.237799	5.20719
0.404029	79.1483	83.3868	15.6478	9.28759	29.8653	0.022813	-0.435178	5.20187
0.405029	79.1483	83.7971	15.8763	8.33151	29.1724	0.025938	-0.435178	5.20344
0.406029	78.875	82.703	16.3332	9.42417	28.6384	0.02125	-0.583212	5.20281
0.407029	79.4217	83.3868	16.3332	9.151	28.7403	0.0225	-0.533867	5.17906
0.408029	79.4217	83.5236	16.2189	8.60468	29.1234	0.022188	-0.583212	5.15812
0.409029	79.1483	83.25	16.2189	10.79	29.8452	0.02375	-0.435178	5.14594
0.41003	79.1483	83.5236	16.4474	8.87784	29.7512	0.021563	-0.237799	5.20666
0.41103	79.1483	83.5236	16.2189	8.60468	29.8612	0.021563	-0.435178	5.21156
0.41203	79.0117	83.25	16.2189	8.60468	29.9957	0.023438	-0.632557	5.20719
0.41303	79.1483	83.5236	15.8763	8.60468	29.8979	0.02125	-0.089785	5.20469
0.41403	79.1483	83.6803	16.5816	9.28759	29.7145	0.021875	-0.336488	5.20344
0.41503	79.4217	83.5236	16.5816	9.28759	29.5361	0.024063	-0.435178	5.20844

0.41603	78.875	83.1133	16.3332	9.28759	29.1887	0.022813	-0.632557	5.20813
0.41703	79.1483	84.3442	16.5618	9.28759	28.8017	0.022188	-0.435178	5.20781
0.41803	79.1483	83.5236	16.2189	9.42417	29.152	0.022188	-0.435178	5.20719
0.41903	79.4217	83.5236	15.8783	8.33151	29.637	0.020825	-0.435178	5.21094
0.42003	79.0117	83.6603	16.1047	9.01442	30.1099	0.020938	-0.632557	5.21094
0.42103	79.0117	83.6603	15.4194	8.60468	30.4522	0.019688	-0.533867	5.20656
0.42203	79.1483	83.5236	16.3332	8.33151	30.6397	0.02125	-0.780591	5.18344
0.42303	79.0117	82.9785	16.3332	9.151	30.8109	0.024688	-0.632557	5.15937
0.42403	79.1483	83.5236	15.8478	8.87784	30.6723	0.0225	-0.533867	5.15219
0.42503	79.0117	83.5236	16.5618	9.28759	30.5378	0.023438	-0.435178	5.21489
0.42603	78.3283	82.9785	16.1047	9.83382	30.1689	0.021583	-0.435178	5.21219
0.42703	79.1483	83.5236	15.4194	8.46809	29.6615	0.022813	-0.533867	5.20937
0.42803	78.4649	83.5236	16.3332	9.56075	29.1479	0.022188	-0.338488	5.20906
0.42903	78.7383	82.9785	15.8783	8.60468	28.3857	0.02125	-0.435178	5.21281
0.43003	79.0117	83.7971	16.8478	8.87784	28.2186	0.019688	-0.681901	5.21281
0.43103	79.4217	83.3868	16.1047	9.56075	28.7403	0.019688	-0.632557	5.21187
0.43203	79.1483	83.3868	16.5618	9.151	29.0908	0.022188	-0.287144	5.20906
0.43303	79.5584	83.6603	15.8783	8.60468	29.3109	0.0225	-0.533867	5.21281
0.43403	79.1483	83.6603	15.8783	8.05835	28.4658	0.022188	-0.533867	5.21158
0.43503	79.0117	83.5236	15.8783	7.92177	28.4414	0.023438	-0.237799	5.21031
0.43603	78.875	83.5236	15.8783	8.05835	28.3802	0.022813	-0.435178	5.20594
0.43703	79.0117	83.7971	15.9905	9.151	29.3762	0.023438	-0.681901	5.18344
0.43803	78.1483	83.5236	15.8478	8.80468	29.0338	0.02375	-0.484523	5.18375
0.43903	79.285	83.7971	16.1047	8.87784	28.8508	0.021583	-0.484523	5.16658
0.44003	78.3283	83.3868	16.3332	9.88733	28.5854	0.022813	-0.287144	5.21187
0.44103	79.1483	83.5236	15.8783	9.42417	29.1683	0.021583	-0.435178	5.20837
0.44203	79.285	83.7971	16.3332	9.9705	29.8327	0.022188	-0.681901	5.20844
0.44303	79.6951	83.25	15.9905	8.05835	30.118	0.022188	-0.435178	5.21158
0.44403	79.1483	83.7971	16.1047	9.151	30.5175	0.022813	-0.583212	5.21094
0.44503	79.1483	83.5236	15.4194	8.19493	30.9495	0.022188	-0.435178	5.20806
0.44603	78.875	83.9339	15.9905	8.60468	30.4849	0.024083	-0.681901	5.20408
0.44703	79.1483	83.5236	16.2189	8.87784	30.8435	0.021875	-0.435178	5.20719
0.44803	79.1483	83.7971	16.1047	9.151	30.9251	0.021583	-0.632557	5.21187
0.44903	79.8318	83.5236	15.8478	8.87784	29.7022	0.023438	-0.533867	5.20989
0.45003	79.285	83.3868	16.5618	9.42417	30.1425	0.021583	-0.583212	5.21062
0.45103	79.1483	83.5236	15.8783	9.151	29.8853	0.023438	-0.435178	5.20187
0.45203	79.8318	83.6603	16.2189	9.56075	28.2838	0.022813	-0.632557	5.18082
0.45303	78.7383	83.6603	16.1047	8.60468	28.4917	0.023125	-0.237799	5.16408
0.45403	78.875	83.5236	15.8783	8.87784	29.0175	0.024688	-0.338488	5.15219
0.45503	79.1483	83.25	16.1047	9.151	29.3273	0.021583	-0.484523	5.20489
0.45603	79.285	83.5236	16.2189	8.46809	29.8082	0.022188	-0.632557	5.20594
0.45703	79.8318	83.3868	15.8478	9.151	29.2783	0.020838	-0.533867	5.20687
0.45803	79.1483	83.5236	15.8783	9.28759	29.5474	0.022188	-0.237799	5.20906
0.45903	79.1483	83.3868	16.1047	9.56075	29.9672	0.022813	-0.533867	5.20656
0.46003	79.0117	83.25	16.1047	8.60468	28.9523	0.02125	-0.829938	5.20531
0.46103	78.6016	83.5236	15.7821	8.19493	28.5691	0.021583	-0.484523	5.20658
0.46203	79.6951	83.5236	15.4194	9.151	28.7729	0.021583	-0.533867	5.21031
0.46303	79.1483	83.25	16.2189	8.05835	28.5283	0.022188	-0.435178	5.20813
0.46403	78.1483	83.6603	15.8783	9.01442	29.2376	0.022813	-0.533867	5.20594
0.46503	78.875	83.1133	15.4194	7.92177	30.0528	0.021875	-0.533867	5.20219
0.46603	79.5584	83.3868	15.9905	8.33151	30.3381	0.021875	-0.533867	5.20406
0.46703	78.4649	83.5236	14.8483	7.23886	30.8232	0.01875	-0.533867	5.18406

0.468034	79.5584	83.5236	15.7821	8.60468	31.0837	0.022613	-0.533867	5.16437
0.468034	79.1483	83.5236	16.5618	9.89733	31.0677	0.025838	-0.287144	5.14658
0.470034	78.875	83.5236	16.1047	9.01442	31.3857	0.024688	-0.533867	5.18906
0.471034	79.4217	83.5236	15.8783	9.151	31.0881	0.024688	-0.583212	5.20856
0.472034	79.5584	83.3868	15.4194	8.60468	30.7783	0.022813	-0.435178	5.20594
0.473034	79.1483	83.5236	15.4194	8.60468	30.387	0.022188	-0.632557	5.20594
0.474034	79.1483	83.3868	15.6478	8.19493	28.512	0.023125	-0.435178	5.20156
0.475034	79.1483	83.9339	15.6478	9.01442	28.8789	0.021875	-0.435178	5.19989
0.476034	79.1483	83.5236	16.2189	9.01442	29.3558	0.020938	-0.484523	5.20594
0.477034	78.6016	83.3868	15.6478	8.33151	29.5392	0.020625	-0.681901	5.20594
0.478034	79.0117	84.0706	15.4194	8.60468	29.8571	0.019688	-0.829936	5.20437
0.479034	79.1483	83.7971	15.6478	9.01442	29.8327	0.0225	-0.533867	5.20281
0.480035	79.1483	83.6603	15.8783	8.60468	29.8653	0.022813	-0.632557	5.20313
0.481035	79.1483	83.25	15.8783	8.60468	29.8388	0.022813	-0.632557	5.20489
0.482035	79.1483	83.3868	15.7821	8.87784	28.5088	0.025313	-0.731246	5.18719
0.483035	78.7383	83.5236	15.4194	8.60468	28.2294	0.022188	-0.632557	5.16166
0.484035	79.0117	83.5236	15.191	8.87784	28.834	0.023125	-0.484523	5.14376
0.485035	79.1483	83.5236	15.8783	9.151	28.3327	0.021875	-0.435178	5.19406
0.486035	79.0117	83.5236	15.9905	10.1071	28.3653	0.022188	-0.287144	5.21469
0.487035	79.1483	83.5236	15.3052	8.60468	28.2131	0.021583	-0.435178	5.20781
0.488035	79.1483	83.5236	16.1047	8.60468	28.7104	0.020938	-0.435178	5.20344
0.489035	79.1483	83.5236	15.191	7.92177	30.0854	0.019688	-0.632557	5.1976
0.490035	79.1483	83.5236	15.8783	9.151	30.5175	0.021875	-0.04042	5.20531
0.491035	79.1483	83.7971	16.1047	8.60468	30.7579	0.0225	-0.255848	5.20937
0.492035	79.8951	83.3868	15.6478	9.01442	30.8843	0.021875	-0.188454	5.20594
0.493035	79.0117	82.9765	15.6478	8.60468	30.8843	0.024063	-0.237799	5.20313
0.494036	79.1483	83.5236	15.191	8.87784	30.7376	0.022188	-0.237799	5.20406
0.495036	79.1483	83.3868	15.4194	8.19493	30.2077	0.020625	-0.237799	5.20781
0.496036	79.0117	83.7971	16.1047	8.60468	28.7729	0.019688	-0.338486	5.20719
0.497036	78.875	83.5236	16.1047	9.28759	28.561	0.184062	-0.188454	5.14812
0.498036	79.0117	83.6603	15.9905	9.151	29.1842	3.96531	-0.237799	4.52531
0.499036	79.1483	83.5236	15.8783	8.19493	29.421	5.55594	-0.13911	4.46094
0.500036	78.6016	82.9765	14.5057	7.37544	29.6696	5.21888	-0.435178	4.55719
0.501036	79.1483	83.5236	15.8783	8.60468	29.8001	5.46719	-0.237799	4.57781
0.502036	79.1483	83.5236	15.6478	8.46809	29.8531	5.45719	0.354337	4.59408
0.503036	79.0117	83.5236	15.5396	8.60468	29.7838	6.51844	-0.237799	4.60656
0.504036	78.875	83.25	15.4194	8.05835	29.5719	6.55219	0.008924	4.61656
0.505036	79.1483	83.5236	15.6478	8.46809	29.3762	6.58469	0.158959	4.62844
0.506036	79.0117	83.5236	15.8783	8.33151	28.9359	5.61406	-0.04042	4.63719
0.507037	79.1483	83.7971	16.1047	8.60468	28.4754	5.83825	0.058289	4.64489
0.508037	79.1483	83.5236	15.8783	8.87784	27.9577	5.88375	0.158959	4.65344
0.509037	79.0117	83.5236	15.8783	9.66075	27.7457	6.88889	0.354337	4.66408
0.510037	79.1483	83.9339	15.9905	9.42417	28.5813	5.71584	0.158959	4.66889
0.511037	79.1483	83.5236	15.191	7.10227	29.1968	5.73084	-0.237799	4.67489
0.512037	79.1483	83.5236	15.4194	8.60468	29.6941	5.73688	0.158959	4.68858
0.513037	79.1483	83.3868	15.8783	8.33151	30.0772	5.73469	0.847784	4.65584
0.514037	79.1483	83.5236	16.2188	9.01442	30.4278	5.73781	0.897129	4.65156
0.515037	79.1483	83.6603	15.8783	8.60468	30.4115	5.79844	0.453027	4.68889
0.516037	79.1483	84.2074	16.3332	8.46809	30.4198	5.83968	0.69975	4.71584
0.517037	79.1483	83.5236	15.4194	8.87784	30.3218	5.84844	1.09451	4.71438
0.518037	79.1483	83.6603	15.8783	9.151	29.7838	5.88844	1.09451	4.72344
0.519037	79.1483	83.7971	16.3332	9.58075	28.455	5.88344	1.04516	4.72719

0.520037	78.6016	82.8388	15.8763	9.151	28.5773	5.89989	1.14385	4.73219
0.521036	79.0117	83.7971	15.7621	9.01442	29.3191	5.91719	1.53891	4.74219
0.522036	79.1483	83.7971	15.4194	7.78518	29.5718	5.92989	1.14385	4.74469
0.523036	79.4217	83.5236	15.4194	8.97784	29.8123	5.94989	1.14385	4.75219
0.524036	79.1483	83.6603	15.4194	9.42417	30.0161	5.96469	2.27878	4.75781
0.525036	79.1483	83.5236	16.2189	9.42417	30.0569	5.97563	1.88884	4.76344
0.526036	79.1483	83.5236	16.6758	9.68733	29.9753	5.98219	1.88402	4.76408
0.527036	79.0117	83.3668	16.1047	9.151	29.8653	5.96719	1.83337	4.75719
0.528036	79.1483	83.5236	16.3332	9.151	29.7349	5.97781	1.83337	4.74375
0.529036	79.0117	83.7971	16.1047	9.01442	29.3354	5.96908	1.83468	4.73406
0.530036	79.8951	83.9339	16.3332	9.28759	28.9196	6.01312	1.88402	4.76656
0.531036	79.4217	83.3668	16.1047	9.9705	28.5954	6.06469	1.83468	4.79969
0.532036	78.875	83.5236	15.8763	8.46809	28.455	6.06469	1.88402	4.79688
0.533036	79.1483	83.5236	16.2189	8.60468	29.1316	6.06156	1.83337	4.80531
0.534036	79.1483	83.5236	15.6478	8.46809	29.8615	6.09219	1.83468	4.80687
0.535036	78.3283	82.8398	15.5336	8.05835	30.2851	6.10469	2.5255	4.81375
0.536036	79.0117	83.25	16.2189	9.151	30.3628	6.11844	2.03206	4.81906
0.537036	79.285	83.5236	16.2189	8.46809	30.546	6.12687	1.88402	4.82094
0.538036	79.1483	83.7971	15.8763	9.01442	30.7539	6.13844	1.83468	4.82781
0.539036	79.1483	83.5236	15.8763	8.60468	30.6805	6.15094	1.83337	4.83344
0.540036	79.1483	83.3668	15.9905	9.01442	30.1282	6.15989	2.13075	4.83719
0.541036	79.0117	83.25	16.1047	9.151	29.2661	6.17125	2.32813	4.84261
0.542036	79.1483	83.3668	16.2189	9.151	28.296	6.16969	2.37747	4.83844
0.543036	79.1483	83.3668	16.3332	9.151	28.9849	6.15219	2.32813	4.81875
0.544036	79.1483	83.7971	16.2189	8.60468	29.474	6.13969	2.0814	4.80813
0.545036	79.1483	83.3668	16.2189	9.151	28.966	6.16969	2.42881	4.82875
0.546036	79.1483	83.3668	16.5616	9.9705	30.1914	6.23219	2.86981	4.87406
0.547036	79.1483	83.25	16.2189	10.2437	30.367	6.23094	2.32813	4.86781
0.548036	78.875	82.9785	16.1047	9.68733	30.5949	6.24469	2.67354	4.87469
0.54904	79.1483	83.25	16.2189	10.1071	30.3789	6.24969	2.62419	4.87812
0.55004	79.1483	83.5236	16.1047	10.79	30.2321	6.25688	2.82157	4.88219
0.55104	79.1483	83.3668	16.79	11.7461	30.2568	6.27219	2.82157	4.88906
0.55204	78.6016	83.25	16.79	11.4729	29.9264	6.28125	2.96981	4.89583
0.55304	79.1483	83.25	17.0185	11.8826	29.1968	6.29094	2.92026	4.89837
0.55404	79.1483	83.7971	16.3332	11.3363	28.7892	6.29669	2.87082	4.90219
0.55504	79.1483	83.6603	17.9322	11.4729	29.584	6.30719	3.11784	4.90844
0.55604	79.1483	83.5236	15.7621	11.4729	29.9101	6.31564	3.01895	4.90989
0.55704	79.1483	83.9339	16.79	10.6168	29.9831	6.31158	3.41371	4.90469
0.55804	79.1483	83.3668	16.5616	12.0192	30.8153	6.29594	3.5124	4.89094
0.55904	79.285	82.9785	16.5616	11.8095	30.9858	6.28469	3.21633	4.87719
0.56004	79.0117	83.5236	15.8763	12.0192	30.8905	6.29594	3.41371	4.88781
0.56104	79.1483	83.5236	17.1327	12.1558	30.8316	6.37063	3.46306	4.94406
0.56204	79.1483	82.9785	16.4474	11.8826	30.8234	6.38531	3.66043	4.93583
0.563041	79.0117	82.9785	17.1327	12.1558	29.8101	6.37781	3.75912	4.84594
0.564041	79.1483	83.5236	16.79	12.7021	29.2865	6.38469	3.90718	4.94781
0.565041	79.1483	83.3668	17.1327	11.0832	28.5385	6.39375	4.20322	4.95344
0.566041	79.1483	83.5236	17.9322	12.429	28.7158	6.40344	3.90718	4.95989
0.567041	79.1483	83.25	16.1047	11.7461	29.0175	6.41344	4.10453	4.96219
0.568041	79.1483	83.25	17.2469	11.7461	29.2131	6.41875	4.79538	4.96719
0.569041	79.1483	83.3668	16.8758	11.3363	29.7022	6.42869	4.30181	4.97219
0.570041	79.1483	83.3668	16.5616	12.429	29.8853	6.43867	4.49929	4.97781
0.571041	79.285	83.5236	17.4753	12.1558	29.7226	6.44781	4.20322	4.98312

0.572041	79.1483	83.7971	17.7038	12.7021	29.8327	6.43663	4.49929	4.97094
0.573041	79.0117	83.7971	17.7038	12.7021	29.7675	6.41781	4.59788	4.95719
0.574041	79.285	83.5236	17.2489	12.9753	29.4414	6.40406	4.49829	4.945
0.575041	79.1483	83.5236	17.8322	13.5216	29.1784	6.40069	4.69687	4.94875
0.576041	79.4217	83.25	17.7038	12.7021	28.618	6.48909	5.23946	5.01156
0.577042	79.1483	83.6803	18.3891	12.9753	28.5202	6.48909	4.99274	5.01094
0.578042	79.1483	83.9339	17.2489	12.9753	29.3354	6.49908	4.64733	5.01312
0.579042	78.6016	83.5236	17.4753	12.7021	29.7878	6.50989	5.28881	5.01969
0.580042	79.4217	83.3868	17.7038	13.6582	30.1099	6.51719	5.28881	5.02187
0.581042	79.1483	83.5236	17.0185	13.5216	30.387	6.52219	5.43684	5.02656
0.582042	78.875	83.5236	17.7038	14.2045	30.5175	6.53875	5.73291	5.03594
0.583042	79.1483	83.3868	17.818	14.3411	30.493	6.53858	5.89084	5.03887
0.584042	79.0117	83.5236	17.5895	14.8143	30.3707	6.54489	6.22636	5.03969
0.585042	79.1483	83.5236	18.3891	14.7609	30.1017	6.54825	6.52242	5.03937
0.586042	79.0117	83.3868	18.5033	16.2533	29.6656	6.55125	6.88784	5.04562
0.587042	79.1483	83.5236	18.6175	15.9801	29.0827	6.54906	7.08522	5.03969
0.588042	79.1483	83.5236	19.8739	17.7557	28.4876	6.52858	7.01587	5.02219
0.589042	78.6016	83.3868	18.6175	18.8483	27.9008	6.50906	7.60801	5.00344
0.590042	79.1483	83.5236	19.0744	20.2142	28.2552	6.49125	8.00277	4.98875
0.591043	79.1483	83.3868	19.0744	20.0778	28.7444	6.56219	8.1608	5.04719
0.592043	79.6951	83.5236	18.8459	20.6239	29.0501	6.58281	8.24949	5.05781
0.593043	78.4649	83.5236	19.7597	22.5361	29.1153	6.57937	8.1608	5.05666
0.594043	79.1483	83.5236	19.7597	22.3996	29.3354	6.58437	8.54558	5.05969
0.595043	79.1483	83.7971	19.8881	23.3556	29.3109	6.58469	8.69359	5.05844
0.596043	79.0117	83.5236	19.8881	23.219	29.1153	6.59156	8.69359	5.06261
0.597043	79.1483	83.6803	20.9019	24.9945	29.9666	6.595	8.79228	5.08344
0.598043	79.5584	83.5236	20.445	23.9019	28.7848	6.59564	9.039	5.08344
0.599043	79.1483	82.9765	21.8168	23.9019	28.2593	6.59656	8.84183	5.08531
0.600043	79.5584	83.3868	21.3587	24.5848	28.6343	6.60344	9.23638	5.08594
0.601043	79.0117	83.5236	21.7014	24.175	29.4884	6.60694	9.18704	5.07094
0.602043	78.4649	83.5236	22.6151	24.858	29.8327	6.60719	9.33507	5.06656
0.603043	79.0117	83.9339	22.7293	25.4043	30.1914	6.58469	9.53245	5.04844
0.604043	79.285	83.7971	23.1882	25.2677	30.7253	6.55719	9.38442	5.02594
0.605044	79.4217	83.25	24.1	25.814	30.5788	6.53937	9.63114	5.01281
0.606044	78.7383	83.5236	23.9857	25.814	30.3137	6.57844	9.68049	5.04469
0.607044	79.6951	83.5236	25.4706	27.1799	30.9414	6.62469	9.72983	5.07594
0.608044	79.1483	83.5236	25.2421	28.1359	30.5175	6.61188	9.72983	5.06719
0.609044	78.875	83.5236	25.4706	27.453	29.8815	6.61469	9.68049	5.06812
0.610044	79.6951	83.25	26.2701	28.6923	29.7471	6.61469	9.82852	5.06781
0.611044	79.1483	83.5236	26.3843	29.2298	29.0823	6.61594	9.82852	5.06719
0.612044	79.1483	83.5236	27.7549	30.8678	27.9699	6.61719	10.2233	5.06719
0.613044	79.1483	83.5236	28.2118	31.0042	28.883	6.61687	9.87786	5.06531
0.614044	79.1483	82.8368	29.4682	31.4139	29.3839	6.61906	9.82852	5.06625
0.615044	79.1483	83.5236	29.9251	32.8431	29.0012	6.62156	9.68049	5.06687
0.616044	79.4217	83.5236	30.953	33.4628	29.4088	6.61812	10.0259	5.06469
0.617044	78.875	83.5236	31.0673	34.009	29.633	6.62094	9.92721	5.06469
0.618044	79.285	84.0706	32.0952	34.6919	29.3109	6.60406	10.1246	5.05188
0.619045	79.285	83.9339	32.8947	36.4674	29.099	6.57658	10.0259	5.03094
0.620046	79.1483	82.9765	34.4838	36.7406	29.4903	6.55187	10.1739	5.01219
0.621046	79.1483	84.2074	35.5217	37.4235	28.2797	6.56187	9.97855	5.02094
0.622045	79.4217	84.0706	35.7502	38.1064	28.0188	6.62594	10.1246	5.06719
0.623045	79.1483	83.5236	37.1208	39.0625	28.9033	6.60656	10.1246	5.05344

0.624045	79.4217	83.5236	38.283	40.2917	29.3069	6.61667	10.5687	5.08219
0.625045	79.6951	83.5236	39.9782	41.1112	29.8367	6.6126	10.3713	5.05594
0.626045	79.9685	83.5236	41.2326	41.9307	30.3693	6.61281	10.3713	5.05437
0.627045	79.4217	83.5236	42.3748	43.5697	30.6805	6.60969	10.5183	5.05406
0.628045	79.285	83.3868	43.517	45.2087	30.7783	6.60969	10.7861	5.05219
0.629045	79.1483	83.5236	44.4307	46.8477	30.8191	6.60761	10.7861	5.05219
0.630045	79.6951	83.5236	46.7151	48.4867	30.8536	6.60656	10.8154	5.04719
0.631045	79.1483	83.25	48.0857	50.2622	31.0068	6.60594	10.618	5.04594
0.632045	79.4217	83.5236	50.4843	52.0378	30.3177	6.60219	10.9141	5.04719
0.633045	79.1483	83.5236	51.398	53.267	29.58	6.58489	10.9141	5.02958
0.634045	79.285	83.5236	53.3397	54.7894	28.2679	6.55844	11.1115	5.00844
0.635045	79.1483	83.6603	54.8246	56.4084	28.6814	6.53312	11.3089	4.98908
0.636045	79.1483	83.5236	56.7883	57.7743	29.2967	6.53084	11.1608	4.98858
0.637045	79.4217	83.3868	58.8222	59.9596	29.3884	6.60344	11.4075	5.04156
0.638045	79.1483	83.5236	60.7639	61.0522	29.6044	6.58887	11.2102	5.02969
0.639045	78.6016	83.5236	62.934	64.057	29.796	6.5875	11.5558	5.02969
0.640045	79.285	83.5236	64.6473	65.4229	29.6493	6.58158	11.753	5.02406
0.641045	79.4217	83.3868	67.5027	70.3398	29.5759	6.57937	11.8049	5.02344
0.642045	79.285	83.7971	69.1018	71.4325	29.3395	6.57489	11.8049	5.01908
0.643045	79.6951	83.5236	71.6148	73.3446	28.9886	6.57687	11.9503	5.02125
0.644045	79.4217	83.1133	72.9852	75.6397	28.5283	6.57625	12.1971	5.01813
0.645045	79.4217	83.5236	76.4117	77.0323	28.186	6.57437	12.0984	5.01583
0.646045	79.1483	83.7971	78.125	80.1737	28.4468	6.57219	12.0984	5.01408
0.647045	79.1483	83.5236	80.2851	81.8127	29.1805	6.56469	12.2958	5.00669
0.648045	79.9685	83.5236	82.9221	84.5444	29.7349	6.55669	12.4931	5.00406
0.649045	79.1483	84.0706	84.9781	85.7736	30.2077	6.53219	12.4931	4.98344
0.650045	78.875	84.0706	87.3768	88.3687	30.3463	6.50781	12.7369	4.98469
0.651045	78.875	83.9339	89.5468	90.554	30.7213	6.48094	12.5918	4.95094
0.652045	79.5584	83.6603	91.6027	94.6514	30.8435	6.55844	12.6412	5.00437
0.653045	79.4217	83.9339	94.0013	95.4709	30.6805	6.56813	12.9372	5.00156
0.654045	79.1483	83.6603	96.2856	97.5197	30.8194	6.56969	12.8679	5.00666
0.655045	79.1483	83.7971	98.3416	99.705	29.7838	6.56125	12.9666	5.00312
0.656045	79.5584	83.5236	99.4837	101.617	28.3653	6.55719	13.0653	4.98613
0.657045	79.0117	83.25	101.768	103.12	28.8506	6.55406	13.7761	4.96719
0.658045	78.875	84.0706	103.481	104.759	28.0745	6.55594	13.3813	4.99781
0.659045	79.1483	83.6603	104.738	106.671	28.3843	6.55594	13.3813	4.99781
0.660045	78.6016	83.5236	106.908	108.446	29.637	6.55675	13.6261	4.99969
0.661045	79.1483	83.7971	108.393	110.222	28.7196	6.55594	13.6774	4.99719
0.662045	78.875	83.3868	109.535	112.134	28.5881	6.55594	13.6261	4.99844
0.663045	79.4217	83.25	110.806	113.363	29.5881	6.55312	13.7761	4.99583
0.664045	79.5584	82.9765	112.39	114.046	29.474	6.53531	14.0228	4.97906
0.665045	79.285	82.703	113.847	115.139	29.0908	6.50908	14.1215	4.96531
0.666045	79.4217	83.5236	114.104	117.051	28.6873	6.48489	13.9735	4.94094
0.667045	79.1483	83.5236	115.588	118.28	28.2196	6.53937	13.9241	4.98719
0.668045	78.6016	83.6603	118.368	119.646	27.7947	6.58406	14.4669	5.00469
0.669045	79.0117	83.5236	118.33	121.422	27.5256	6.55969	14.1215	4.99813
0.670045	79.9685	83.6603	119.243	121.012	28.5854	6.58489	14.6843	4.99969
0.671045	79.285	83.5236	119.829	121.895	28.1642	6.55675	14.4669	4.99969
0.672045	79.4217	83.3868	120.5	122.924	28.5677	6.56219	14.5163	5.00219
0.673045	79.1483	83.7971	121.299	124.426	28.8571	6.68489	14.5856	5.00844
0.674045	79.285	83.3868	122.556	125.792	30.1669	6.57062	14.763	5.00719
0.675045	79.6951	83.5236	124.155	126.885	30.3137	6.56969	14.763	5.00594

0.676049	79.1483	83.5238	124.497	127.431	30.1343	6.56989	14.8129	5.00719
0.677049	79.285	83.25	125.888	128.251	30.0876	6.57082	14.9804	5.00594
0.678049	79.285	83.25	127.896	130.709	29.3273	6.57594	15.2071	5.00969
0.679049	78.875	83.3888	129.285	130.982	28.2675	6.58912	15.0591	4.99875
0.680049	79.1483	83.5238	130.551	132.348	28.4142	6.52989	15.2584	4.97489
0.681049	79.1483	83.3888	131.889	133.441	28.0582	6.51125	15.3551	4.95813
0.682049	79.4217	83.1133	133.521	135.889	29.3843	6.53408	15.5032	4.97989
0.683049	79.1483	83.3888	134.883	138.085	29.6167	6.59489	15.8018	5.02408
0.684049	79.1483	83.9339	135.577	139.724	29.7349	6.57989	15.7005	5.01489
0.685049	79.4217	83.7971	137.518	141.383	29.8082	6.58584	15.7499	5.01719
0.686049	79.4217	83.3888	138.775	141.383	29.6044	6.58489	15.7005	4.98489
0.687049	79.1483	83.25	140.802	141.909	29.637	6.58719	15.9473	3.01312
0.68805	79.0117	83.7971	130.894	144.094	29.474	6.59125	16.6512	0.063125
0.68905	79.0117	82.9765	127.353	140.818	29.0012	6.59084	16.048	0.184063
0.69005	79.1483	83.5238	138.775	135.353	28.6099	6.59489	16.4407	-0.00875
0.69105	79.4217	83.3888	142.772	135.353	28.349	6.59889	16.2927	0.010938
0.69205	79.4217	83.7971	146.085	141.636	28.1128	6.60687	16.5394	-0.005938
0.69305	79.4217	83.5238	149.289	149.557	28.9441	6.60594	16.8355	-0.004063
0.69405	79.1483	83.3888	151.11	155.157	29.4903	6.58812	16.8874	-0.007188
0.69505	79.4217	83.5238	154.08	160.894	29.8245	6.58489	16.8874	-0.009375
0.69605	79.285	83.5238	157.883	162.26	30.1791	6.54719	16.7388	-0.008438
0.69705	79.4217	83.5238	162.889	162.669	30.3544	6.54889	16.8355	-0.010313
0.69805	79.1483	83.9339	167.558	164.308	30.4198	6.62219	17.0328	-0.008438
0.69905	79.4217	83.5238	171.219	169.772	30.334	6.60938	16.9342	-0.011675
0.70005	79.4217	83.7971	173.725	174.889	30.0891	6.61844	17.4278	-0.010938
0.70105	79.9685	83.5238	175.324	179.879	29.258	6.62375	17.9211	-0.008438
0.702051	79.285	83.5238	177.809	182.084	28.0474	6.62489	17.4278	-0.009888
0.703051	79.285	83.7971	180.807	185.089	28.7728	6.62531	17.825	-0.010313
0.704051	79.0117	83.6603	184.233	188.025	29.1988	6.62489	17.8717	-0.009375
0.705051	79.1483	83.5238	187.88	188.074	29.8288	6.62844	17.7297	-0.011583
0.706051	79.4217	83.5238	189.487	191.078	30.012	6.63489	18.1184	-0.012188
0.707051	79.5584	83.5238	192.457	194.083	30.2888	6.63281	17.9211	-0.012813
0.708051	79.0117	83.5238	194.285	197.361	30.1262	6.63719	18.8588	-0.009375
0.709051	79.5584	83.6603	198.112	199.273	30.2484	6.63489	18.6612	-0.011583
0.710051	79.4217	83.5238	198.188	199.82	30.4115	6.60844	18.1184	-0.014083
0.711051	79.1483	84.3442	201.138	203.917	29.8812	6.58281	18.8588	-0.010313
0.712051	79.1483	83.5238	203.85	205.283	29.4577	6.55989	19.3027	-0.008438
0.713051	78.875	82.9765	205.706	208.016	29.5555	6.61344	19.1053	-0.010313
0.714051	79.1483	84.0708	208.219	210.2	28.7851	6.64781	19.204	-0.011875
0.715051	78.875	82.9765	210.389	212.932	28.8873	6.63719	19.4014	-0.011583
0.716052	79.1483	83.3888	212.789	215.863	29.8819	6.63656	19.4014	-0.01125
0.717052	79.0117	83.5238	215.988	217.849	30.1995	6.63437	19.8975	-0.00875
0.718052	78.8018	83.5238	218.042	220.853	30.1221	6.63687	19.7981	-0.009063
0.719052	78.8018	83.25	220.098	222.356	30.3137	6.63889	19.8948	-0.010938
0.720052	79.4217	83.7971	222.382	224.131	30.6642	6.63656	20.0822	-0.00875
0.721052	79.1483	83.5238	225.123	224.951	30.5418	6.63489	20.0429	-0.011583
0.722052	78.8018	83.5238	226.951	229.321	30.2077	6.63281	20.2403	-0.011875
0.723052	79.1483	83.5238	228.684	231.097	29.8533	6.63281	20.783	-0.010938
0.724052	78.875	83.6603	231.834	235.194	29.4903	6.63219	20.6844	-0.011583
0.725052	78.8018	83.3888	233.804	238.897	28.4183	6.62094	20.8817	-0.010938
0.726052	78.875	83.5238	236.545	238.472	28.0392	6.58594	20.8324	-0.010938
0.727052	79.1483	83.5238	239.288	241.068	28.8914	6.55889	20.8817	-0.009063

0.728052	78.0117	83.3668	240.867	243.253	29.0175	6.57281	20.8817	-0.010313
0.729052	79.1483	82.9765	242.713	248.804	28.1153	6.63989	21.2271	-0.01125
0.730053	79.4217	83.6803	246.025	248.889	28.3558	6.62562	21.4245	-0.010313
0.731053	79.1483	83.7971	246.424	251.175	29.5555	6.62844	21.4739	-0.010313
0.732053	79.4217	83.7971	249.794	251.721	29.4414	6.62375	21.1285	-0.012813
0.733053	78.0117	82.9765	253.221	254.899	29.3802	6.62313	21.6712	-0.012813
0.734053	79.1483	83.7971	255.82	258.277	29.209	6.62344	22.3821	-0.011583
0.735053	79.1483	83.5236	257.561	260.589	28.8523	6.62094	21.8193	-0.010938
0.736053	79.4217	83.5236	259.96	263.184	28.512	6.61594	22.086	-0.010313
0.737053	78.875	83.5236	262.473	266.335	28.1167	6.61594	21.918	-0.012813
0.738053	79.1483	83.3668	264.186	268.111	28.7077	6.62219	22.1847	-0.010313
0.739053	79.1483	83.5236	267.384	270.023	29.262	6.61969	22.3821	-0.010625
0.740053	79.1483	83.8339	269.554	272.755	29.5718	6.61125	22.214	-0.010625
0.741053	78.0117	83.7971	271.953	275.759	29.8938	6.57781	22.7568	-0.01125
0.742053	79.4217	83.7971	274.237	278.306	30.0732	6.55344	22.4608	-0.011875
0.743053	79.1483	83.3668	275.808	277.262	30.0569	6.53844	22.088	-0.014375
0.744054	79.1483	82.9765	278.12	280.95	30.1058	6.60908	22.8555	-0.010938
0.745054	78.6016	83.5236	280.082	283.135	29.8571	6.61658	23.4477	-0.010938
0.746054	78.875	83.5236	282.461	284.501	29.4984	6.60989	22.9542	-0.011875
0.747054	79.4217	83.25	284.06	287.505	29.0175	6.61158	23.349	-0.010625
0.748054	79.4217	83.1133	285.318	289.691	28.4831	6.61344	23.2503	-0.011875
0.749054	79.285	83.3668	287.943	291.876	27.7947	6.61312	23.2503	-0.011583
0.750054	79.1483	83.6803	289.665	292.659	27.5827	6.60968	23.4477	-0.012188
0.751054	79.1483	83.5236	292.283	294.335	28.0718	6.60781	23.497	-0.011583
0.752054	78.1483	83.5236	293.426	296.793	28.349	6.60869	23.8918	-0.010313
0.753054	79.5584	83.5236	295.71	299.252	28.4917	6.61489	24.0398	-0.01125
0.754054	79.1483	83.5236	298.451	300.891	28.724	6.61125	23.8424	-0.010313
0.755054	79.1483	83.6803	300.279	302.803	28.8993	6.60489	24.3359	-0.012813
0.756054	78.6016	83.7971	302.677	305.398	28.7811	6.58489	24.3852	-0.010938
0.757055	79.1483	83.5236	304.391	307.31	28.7158	6.55989	24.3359	-0.010938
0.758055	79.5584	83.6803	306.446	310.724	28.4876	6.54781	24.4348	-0.011583
0.759055	79.285	83.5236	308.959	312.91	28.1207	6.57406	24.5826	-0.010938
0.760055	79.1483	82.9765	311.472	314.549	27.8354	6.61937	24.78	-0.011583
0.761055	79.5584	83.3668	314.213	317.983	28.3898	6.60844	24.6319	-0.012188
0.762055	78.0117	83.5236	316.383	320.422	28.9523	6.61687	24.7306	-0.012188
0.763055	79.1483	83.7971	319.487	324.246	29.5068	6.61658	24.7306	-0.012813
0.764055	79.1483	83.5236	322.437	324.108	29.6696	6.61219	24.8293	-0.009688
0.765055	79.4217	83.3668	325.749	326.841	29.9957	6.61125	24.8293	-0.012813
0.766055	79.1483	83.5236	327.234	331.212	30.1547	6.61489	25.0287	-0.01125
0.767055	79.4217	83.3668	330.681	334.217	30.0609	6.61937	25.6882	-0.010625
0.768055	79.1483	83.5236	335.001	338.402	30.1058	6.62158	25.0287	-0.010313
0.769055	79.1483	84.0708	338.199	340.09	29.8653	6.61844	25.5201	-0.010313
0.770055	79.4217	83.5236	341.397	342.275	29.4577	6.61658	25.4214	-0.011583
0.771058	79.1483	83.25	344.367	348.421	29.1661	6.61094	25.4214	-0.011875
0.772058	79.4217	83.6803	348.022	351.153	28.3938	6.58719	25.7889	-0.010313
0.773058	79.1483	83.7971	353.162	355.25	27.7294	6.55989	25.7175	-0.010938
0.774058	79.4217	83.5236	356.588	358.118	28.3123	6.54658	25.9149	-0.010313
0.775058	78.875	83.5236	360.357	362.899	28.6425	6.62469	25.9842	-0.012813
0.776058	79.1483	83.7971	364.926	367.408	28.8014	6.62344	26.0138	-0.010313
0.777058	79.1483	83.5236	368.924	371.094	29.099	6.62781	25.7689	-0.013438
0.778058	79.4217	83.6803	373.607	375.328	28.8993	6.62094	26.4083	-0.011583
0.779058	79.285	83.7971	378.632	380.108	28.8789	6.62158	26.1123	-0.010625

0.780058	79.285	83.8803	383.888	384.888	28.0012	6.82488	28.4083	-0.010313
0.781058	79.9885	83.5238	388.228	388.388	28.4101	6.83218	28.4083	-0.011563
0.782058	79.4217	84.0708	392.881	395.289	28.1533	6.82844	28.4083	-0.011563
0.783058	78.8018	83.5238	398.183	401.005	27.9577	6.82488	28.6057	-0.010313
0.784058	79.0117	83.5238	403.78	403.737	27.8436	6.82582	28.7044	-0.010313
0.785057	78.875	83.8803	408.786	409.81	28.7199	6.83188	28.5584	-0.010938
0.786057	79.285	83.5238	414.288	413.981	29.5881	6.83856	28.9511	-0.010938
0.787057	78.1483	82.8785	419.294	419.444	29.4495	6.80889	27.0005	-0.00875
0.788057	79.0117	83.5238	422.949	424.088	30.1588	6.57989	28.8031	-0.014083
0.789057	79.285	83.8803	429.116	429.888	30.6316	6.55844	27.2985	-0.011563
0.790057	79.4217	84.0708	434.37	434.741	30.1058	6.80844	27.1979	-0.010938
0.791057	79.1483	83.5238	439.853	439.795	30.4196	6.85062	27.1979	-0.010313
0.792057	79.1483	83.9339	444.85	443.348	30.5338	6.82781	27.1485	-0.010938
0.793057	79.1483	83.5238	448.305	448.389	30.0891	6.83188	28.8031	-0.011563
0.794057	79.4217	83.7971	453.102	453.453	29.4699	6.83488	27.3852	-0.012188
0.795057	78.8018	83.25	458.014	457.414	27.9985	6.83719	27.5828	-0.013438
0.796057	79.1483	83.7971	462.925	461.784	28.0311	6.83989	27.6913	-0.010938
0.797057	79.8951	83.5238	466.351	464.789	28.2838	6.83437	28.0881	-0.011563
0.798057	79.0117	83.7971	471.834	469.298	29.0827	6.83687	27.838	-0.008438
0.799058	79.285	83.5238	474.232	473.887	29.2417	6.84219	27.9874	-0.012813
0.800058	79.285	83.7971	478.915	478.174	28.9523	6.84313	28.3821	-0.010625
0.801058	79.5584	83.3888	483.713	482.881	29.2457	6.83989	28.6782	-0.010313
0.802058	79.4217	83.5238	488.51	487.462	29.3191	6.83218	28.6782	-0.010313
0.803058	79.285	83.8803	492.393	492.379	28.5569	6.80219	28.6782	-0.01125
0.804058	79.4217	83.5238	496.982	496.203	28.0311	6.58375	28.9249	-0.011563
0.805058	78.8018	83.3888	501.188	500.164	27.9495	6.57719	28.9249	-0.010313
0.806058	79.285	83.8803	505.871	505.081	27.7947	6.84437	29.1718	-0.010938
0.807058	79.285	84.0708	510.439	510.544	27.012	6.83908	29.3197	-0.012813
0.808058	79.4217	83.5238	514.78	513.959	27.782	6.83989	29.3197	-0.010925
0.809058	79.8951	83.5238	519.483	517.846	28.4957	6.83781	29.5884	-0.010313
0.810058	79.1483	83.7971	522.432	522.154	28.561	6.83531	29.4677	-0.01375
0.811058	79.4217	83.7971	526.867	525.841	29.315	6.83219	30.2572	-0.011875
0.812058	78.875	83.5238	530.313	529.258	29.8044	6.83219	30.1585	-0.011583
0.813058	79.5584	83.5238	535.339	534.038	29.833	6.83844	30.1585	-0.011583
0.814058	79.1483	83.5238	537.395	537.451	29.8819	6.83989	30.3089	-0.011583
0.815058	79.8318	83.7971	541.984	540.729	29.8941	6.83562	30.2572	-0.010313
0.816058	79.1483	83.5238	545.847	544.828	29.5881	6.83094	30.5533	-0.01125
0.817058	79.5584	83.3888	548.131	547.285	28.2063	6.82781	30.652	-0.011583
0.818058	79.4217	83.3888	552.129	552.748	27.8436	6.81156	30.7507	-0.010625
0.819058	79.1483	83.7971	556.241	554.797	27.8762	6.58375	30.8494	-0.01125
0.820058	79.1483	83.9339	559.896	558.484	28.0392	6.55869	30.9481	-0.008563
0.821058	79.1483	84.2074	562.086	561.489	28.7729	6.58989	30.8494	-0.012188
0.822058	79.285	83.7971	564.579	563.949	28.7485	6.83989	31.8389	-0.011583
0.823058	79.1483	83.5238	567.683	567.835	28.9523	6.82989	31.2935	-0.011583
0.824058	79.1483	83.5238	570.975	570.231	28.9523	6.83594	31.1454	-0.011583
0.825058	78.875	83.5238	573.488	572.862	28.7862	6.82684	31.4415	-0.010625
0.826058	79.4217	83.5238	576.467	576.421	29.0012	6.82344	31.3428	-0.009888
0.82706	78.7383	83.5238	579.856	578.972	28.6914	6.82806	31.6389	-0.012188
0.82806	79.1483	83.5238	582.188	581.021	28.2512	6.83158	31.3428	-0.012188
0.82906	79.4217	83.7971	584.224	585.118	27.9577	6.83082	31.6389	-0.009888
0.83006	79.8951	83.9339	586.851	585.528	27.8479	6.82437	31.8389	-0.011583
0.83106	79.1483	84.0708	590.184	589.352	27.3014	6.82488	31.9349	-0.00875

0.83208	79.6951	83.5236	591.991	590.991	28.1941	6.62937	31.9349	-0.011875
0.83306	79.4217	83.7971	594.732	593.859	28.9033	6.62656	32.1323	-0.010625
0.83408	79.1483	83.5236	597.245	596.454	29.099	6.59344	32.1817	-0.010313
0.83506	79.875	84.0706	598.958	598.84	29.421	6.56531	32.231	-0.01125
0.83606	79.5584	83.3868	601.014	600.668	29.7676	6.55168	32.1323	-0.010625
0.83706	79.4217	84.0706	604.098	603.693	30.0854	6.62812	32.231	-0.010313
0.83806	79.1483	83.6903	606.811	606.561	30.2403	6.62906	32.3297	-0.011563
0.83906	79.1483	83.5236	608.781	608.747	30.1588	6.62562	32.4284	-0.010938
0.84006	79.1483	83.3868	611.838	612.298	29.7675	6.62344	32.231	-0.010938
0.841061	79.4217	83.5236	613.821	613.391	28.4305	6.62531	32.2804	-0.010625
0.842061	79.6016	83.7971	616.548	615.849	28.1044	6.62969	32.6258	-0.009688
0.843061	79.1483	83.5236	617.918	617.488	28.6707	6.63125	32.6258	-0.010938
0.844061	79.4217	84.3442	620.545	620.22	29.2131	6.62219	32.9218	-0.01125
0.845061	79.4217	83.5236	623.287	622.542	29.3843	6.62469	33.1182	-0.011563
0.846061	79.285	83.5236	625.228	624.863	29.4251	6.62937	32.9218	-0.011875
0.847061	79.4217	83.25	628.713	627.868	29.5474	6.63781	33.2179	-0.010313
0.848061	79.1483	83.6903	628.541	629.234	29.3436	6.62969	33.0699	-0.012188
0.849061	79.5584	83.5236	630.826	631.146	29.0623	6.60812	33.2673	-0.010938
0.850061	79.1483	83.5236	632.653	632.922	29.5066	6.58064	33.0699	-0.010625
0.851061	79.4217	83.5236	634.708	635.927	28.9849	6.56344	33.0206	-0.010313
0.852061	79.8318	83.3868	636.784	637.429	27.9903	6.59669	33.2179	-0.010938
0.853061	79.4217	83.9339	638.592	639.069	27.6928	6.63969	33.3659	-0.010313
0.854061	79.1483	83.5236	640.876	641.526	27.5093	6.62564	33.2179	-0.010313
0.855062	79.1483	82.8398	642.133	643.575	27.9577	6.63219	33.6584	-0.011563
0.856062	79.5584	83.5236	644.303	645.487	28.3775	6.63437	33.3186	-0.012188
0.857062	79.6584	83.5236	646.13	646.717	28.9849	6.63406	33.4153	-0.010313
0.858062	79.1463	83.9339	647.958	648.902	29.4169	6.63281	33.3186	-0.011875
0.859062	79.4217	83.5236	649.557	650.814	29.837	6.63094	33.4153	-0.011563
0.860062	79.1483	83.5236	651.156	652.59	29.8571	6.63584	33.3186	-0.010313
0.861062	79.4217	83.9339	652.755	654.385	29.5893	6.63937	33.3659	-0.011563
0.862062	79.4217	83.7971	654.811	657.097	29.5637	6.63781	33.4848	-0.011563
0.863062	79.7383	83.5236	655.288	656.277	29.1316	6.63062	33.6127	-0.011563
0.864062	79.4217	83.6903	657.552	658.872	27.8721	6.62781	33.514	-0.009375
0.865062	79.4217	83.5236	657.781	659.828	27.2811	6.60344	33.3659	-0.013125
0.866062	79.9685	83.6903	659.151	662.56	28.1248	6.58219	33.6127	-0.014063
0.867062	79.285	83.5236	660.293	663.853	28.3286	6.56719	33.9087	-0.011563
0.868063	79.4217	83.3868	661.778	665.585	28.7648	6.63219	33.81	-0.012813
0.869063	79.4217	83.6903	663.491	668.297	29.1316	6.63812	33.6127	-0.010625
0.870063	79.6951	83.5236	664.976	669.662	29.2131	6.63969	33.6127	-0.012188
0.871063	79.4217	83.9339	666.461	671.848	29.584	6.63969	33.7607	-0.011563
0.872063	79.8318	83.7971	667.832	674.579	29.2946	6.63094	33.8594	-0.010938
0.873063	79.285	83.6903	669.859	676.491	28.9033	6.63094	33.6127	-0.011563
0.874063	79.4217	83.5236	670.801	678.96	29.0175	6.63687	33.7114	-0.012813
0.875063	79.4217	83.7971	672.4	681.408	28.9359	6.63937	33.9087	-0.010313
0.876063	79.9685	83.7971	673.314	683.184	28.2838	6.63781	33.8594	-0.014063
0.877063	79.6951	83.5236	674.228	685.918	27.5175	6.63584	34.0074	-0.010938
0.878063	79.5584	83.6903	675.142	689.487	27.8925	6.63719	34.2048	-0.012188
0.879063	79.4217	83.7971	675.827	690.969	28.4631	6.63906	33.81	-0.011563
0.880063	79.1483	83.1133	675.142	693.701	28.6466	6.62219	34.1555	-0.01125
0.881063	79.4217	83.6903	676.055	696.159	28.1153	6.58719	34.0074	-0.010938
0.882064	79.4217	83.7971	675.941	697.882	28.4332	6.56582	34.0074	-0.011563
0.883064	79.4217	83.7971	676.284	699.184	28.3762	6.57719	34.1061	-0.01125

0.884084	79.1483	83.5236	675.484	702.442	29.3364	6.64969	33.8594	-0.012813
0.885084	79.4217	84.3442	675.027	703.944	29.2417	6.63489	34.2541	-0.010938
0.886084	79.1483	83.5236	674.913	705.72	28.9886	6.63856	34.5009	-0.012188
0.887084	79.4217	83.7971	675.484	708.813	28.4876	6.62989	34.4515	-0.010625
0.888084	79.1483	83.25	674.913	708.408	27.9006	6.63489	34.3035	-0.012188
0.889084	79.8951	83.6803	674.885	711.593	27.2444	6.63989	34.5896	-0.012188
0.890084	79.1483	83.8339	674.458	713.915	27.4482	6.63875	34.6982	-0.01125
0.891084	79.5584	83.9339	674.885	715.984	27.8762	6.63856	34.4515	-0.011563
0.892084	79.1483	83.7971	674.228	718.012	28.243	6.63344	34.4515	-0.011563
0.893084	79.285	84.0706	674.114	719.242	28.5836	6.63812	34.5009	-0.012188
0.894084	79.8318	83.7971	673.314	721.017	28.5773	6.63844	34.6489	-0.011563
0.895084	79.4217	83.9339	673.314	724.169	28.8177	6.63281	34.4022	-0.012813
0.896085	79.4217	83.7971	671.843	724.022	29.3273	6.60594	34.6982	-0.01125
0.897085	79.1483	83.5236	671.487	725.388	28.7648	6.57969	34.8483	-0.008438
0.898085	79.4217	83.7971	670.573	728.89	27.387	6.58281	34.5996	-0.01125
0.899085	79.4217	83.9339	670.116	728.12	27.9251	6.60594	34.8483	-0.011875
0.900085	79.1483	83.7971	670.116	729.758	28.0148	6.64408	35.083	-0.011875
0.901085	79.4217	83.5236	669.068	730.851	26.8663	6.62989	34.7989	-0.011563
0.902085	79.4217	83.5236	669.431	733.036	27.7906	6.63656	34.9943	-0.012188
0.903085	79.1483	83.7971	669.202	734.948	28.8137	6.63719	35.1423	-0.011875
0.904085	79.875	83.6803	668.831	736.314	28.5691	6.63489	34.8956	-0.0125
0.905085	79.4217	83.7971	668.517	737.68	28.8116	6.63489	34.8956	-0.011563
0.906085	79.4849	83.6803	668.174	739.592	29.4858	6.63344	34.945	-0.013125
0.907085	79.9685	83.5236	668.06	740.549	29.0419	6.63908	34.945	-0.011875
0.908085	79.4217	83.7971	668.289	741.841	29.0849	6.6425	35.1917	-0.010625
0.909085	79.1483	83.7971	666.804	741.778	29.1724	6.63781	34.8956	-0.013438
0.910086	79.5584	83.6803	667.803	745.056	28.5691	6.63437	35.1917	-0.013125
0.911086	79.1483	83.7971	667.146	746.895	28.1207	6.63219	35.7838	-0.010313
0.912086	79.8951	83.7971	667.146	748.334	27.8191	6.61219	35.4878	-0.012188
0.913086	79.5584	83.6803	666.804	749.153	27.0284	6.58719	35.6851	-0.011875
0.914086	79.285	82.9765	666.004	749.7	28.5392	6.55869	35.8332	-0.010313
0.915086	79.285	83.9339	665.319	751.202	27.008	6.62281	35.8825	-0.010938
0.916086	79.1483	83.7971	664.834	752.588	27.387	6.64094	35.8825	-0.010938
0.917086	79.4217	83.5236	664.177	753.934	27.5419	6.63989	35.8825	-0.010938
0.918086	79.1483	83.7971	663.72	754.89	27.7009	6.63875	36.1786	-0.010313
0.919086	79.285	84.0706	663.263	756.573	27.7498	6.63219	36.0308	-0.01125
0.920086	79.285	83.5236	663.606	756.846	27.7131	6.62844	35.8812	-0.012188
0.921086	79.4217	83.7971	662.007	758.188	27.762	6.63719	36.0799	-0.013438
0.922086	79.285	83.5236	662.235	759.26	27.3544	6.63687	36.5733	-0.011875
0.923086	79.5584	83.6803	661.892	760.218	26.9957	6.63719	36.1786	-0.011875
0.924087	79.4217	83.5236	662.349	761.855	26.8001	6.63719	36.2773	-0.010938
0.925087	79.4217	83.7971	662.806	763.494	26.7634	6.63408	36.2773	-0.010313
0.926087	79.5584	83.5236	662.578	764.724	27.1751	6.64158	36.376	-0.012188
0.927087	79.5584	83.7971	663.606	765.818	27.5501	6.63594	36.1786	-0.010938
0.928087	79.1483	83.7971	663.72	768.275	28.133	6.60469	36.3286	-0.012813
0.929087	79.4217	83.6803	664.405	768.002	28.3694	6.57469	36.4253	-0.010313
0.930087	79.8951	83.7971	665.547	769.094	28.3408	6.56158	36.524	-0.009688
0.931087	79.4217	83.6803	665.776	769.094	28.4957	6.62969	35.8332	-0.014375
0.932087	79.7383	83.7971	666.818	772.099	28.6751	6.6425	36.524	-0.013438
0.933087	79.285	83.7971	668.289	773.738	28.4061	6.63489	36.672	-0.010313
0.934087	79.1483	83.5236	669.431	775.85	28.2756	6.63437	36.376	-0.011875
0.935087	79.1483	83.5236	670.573	775.823	27.9944	6.63489	36.672	-0.010625

0.938087	79.5584	83.7971	672.172	778.518	27.3707	6.83781	38.4747	-0.009888
0.937087	80.1052	83.7971	673.088	779.748	27.387	6.83812	38.376	-0.011583
0.938088	79.1483	84.3442	674.456	782.069	26.5382	6.83408	38.524	-0.011583
0.939088	79.1483	83.9888	675.37	783.162	26.368	6.82989	38.6227	-0.011583
0.940088	79.4217	83.7971	677.198	788.304	26.8653	6.83656	38.5733	-0.013438
0.941088	79.4217	83.9339	678.454	788.577	26.8653	6.83584	38.524	-0.010938
0.942088	79.5584	83.7971	680.059	788.079	27.5849	6.83469	38.2773	-0.014688
0.943088	79.6951	83.5236	681.195	790.674	27.5012	6.82344	38.8894	-0.012188
0.944088	79.8318	83.7971	684.061	793.818	27.171	6.59908	37.4815	-0.011583
0.945088	79.285	83.6803	685.784	796.411	27.5256	6.57989	37.0988	-0.011875
0.946088	79.1483	83.7971	687.477	798.05	27.2485	6.58875	37.0988	-0.010313
0.947088	79.4217	83.7971	688.819	800.088	26.8001	6.82437	37.1855	-0.01125
0.948088	79.4217	83.7971	690.675	801.874	26.7675	6.82989	37.1181	-0.011875
0.949088	79.285	83.26	692.86	804.879	26.2784	6.82719	37.0888	-0.011583
0.950088	79.285	83.7971	694.873	807.474	26.6004	6.83582	37.2148	-0.012813
0.951088	79.6951	83.9339	697.3	810.815	27.3218	6.83281	37.6086	-0.010313
0.952088	79.5584	83.7971	700.041	811.571	27.5908	6.82989	37.6086	-0.010313
0.953088	79.285	83.5236	701.84	813.074	28.1289	6.82844	37.2148	-0.012813
0.954088	79.0117	83.7971	703.488	816.825	28.6485	6.83594	37.5109	-0.012188
0.955088	79.4217	83.6803	705.838	818.537	28.6751	6.83844	38.0537	-0.012813
0.956088	79.5584	83.7971	708.807	822.834	28.8544	6.83489	37.8583	-0.012188
0.957088	79.4217	83.5236	709.864	824.273	29.0093	6.82989	38.0537	-0.012188
0.958088	79.4217	83.7971	711.92	826.186	28.8137	6.83219	37.7578	-0.010313
0.959088	79.1483	83.7971	714.318	828.371	28.5836	6.83094	37.855	-0.012813
0.960088	79.285	84.2074	716.032	830.01	28.581	6.80531	38.0043	-0.010938
0.961088	79.285	83.6803	718.088	831.922	27.4158	6.57844	38.103	-0.010938
0.962088	79.4217	83.5236	719.916	834.854	26.1561	6.55989	38.2511	-0.011583
0.963088	79.6951	83.5236	721.742	835.2	27.0365	6.82219	38.1524	-0.011583
0.964088	79.6951	83.7971	723.57	836.839	26.8305	6.83989	37.6589	-0.014688
0.965088	79.6985	83.7971	725.283	839.571	27.4804	6.83344	38.2511	-0.011875
0.96607	79.1483	83.9339	727.453	841.819	27.9189	6.83344	38.8458	-0.010938
0.96707	79.4217	83.5236	729.281	843.122	27.4278	6.83219	38.3498	-0.011583
0.96807	79.1483	83.7971	730.88	844.897	28.0841	6.83812	38.7445	-0.010625
0.96907	79.4217	83.7971	732.707	846.948	27.3137	6.84219	38.8458	-0.010313
0.97007	79.1483	83.6803	734.308	848.722	27.0773	6.83887	38.8952	-0.010313
0.97107	78.875	83.6803	735.877	850.487	27.3422	6.83094	38.8458	-0.011583
0.97207	79.1483	83.7971	737.505	850.77	26.8452	6.83344	38.7445	-0.011583
0.97307	79.285	83.7971	738.875	854.185	26.474	6.83844	38.8432	-0.01125
0.97407	79.4217	83.5236	740.474	853.775	25.9767	6.83844	38.9419	-0.011875
0.97507	78.7383	83.7971	742.302	854.868	26.1112	6.83281	38.8925	-0.009888
0.97607	78.875	83.5236	743.101	855.887	26.6941	6.80719	39.1888	-0.012813
0.97707	79.1483	83.7971	746.87	858.146	27.8724	6.58344	39.4353	-0.011583
0.97807	79.4217	83.5236	748.241	859.785	27.8072	6.58489	39.0408	-0.009375
0.97907	79.1483	84.2074	750.183	860.877	28.4631	6.81219	39.3388	-0.010313
0.980071	79.285	83.6803	751.782	862.653	27.7131	6.84158	39.238	-0.010938
0.981071	79.1483	83.9339	754.088	863.809	27.888	6.83158	39.388	-0.010313
0.982071	79.5584	84.0708	756.35	864.155	28.4917	6.83594	39.3388	-0.011583
0.983071	79.285	83.9339	759.208	865.794	27.7885	6.83582	39.4353	-0.011583
0.984071	79.1483	83.25	761.378	868.528	28.0229	6.83219	39.4353	-0.010938
0.985071	79.4217	83.9339	762.881	868.528	28.7186	6.83062	39.3388	-0.011583
0.986071	79.6951	83.9339	765.374	870.185	25.7852	6.83219	39.388	-0.009888
0.987071	80.2419	84.0708	767.087	871.804	26.205	6.83719	39.5834	-0.013125

0.988071	79.4217	84.0706	788.8	872.887	28.1275	8.63856	40.0788	-0.012188
0.989071	79.1483	84.2074	771.856	875.082	28.9876	8.63408	39.534	-0.011875
0.990071	79.1483	83.3868	773.587	877.54	27.3218	8.63344	39.8301	-0.011563
0.991071	79.4217	84.0706	774.74	878.77	28.4577	8.63312	39.7808	-0.010825
0.992071	79.6951	83.5236	776.567	879.453	28.7797	8.6225	40.2249	-0.010938
0.993072	78.875	83.7971	778.166	881.911	27.4441	8.59856	40.4222	-0.010938
0.994072	78.875	83.9339	779.194	881.911	28.8016	8.58844	40.8198	-0.010313
0.995072	79.5584	83.7971	780.793	884.37	26.384	8.57031	40.1755	-0.011563
0.996072	79.1483	83.5236	782.049	885.189	26.3599	8.64219	40.4718	-0.011563
0.997072	79.4217	84.3442	783.077	887.101	26.2621	8.63344	40.8198	-0.009083
0.998072	79.4217	83.6803	782.049	888.467	25.3205	8.63844	40.5209	-0.014063
0.999072	79.1483	83.9339	783.42	890.108	25.0678	8.63094	40.995	-0.011563
1.00007	79.6951	83.6803	783.877	892.018	25.2879	8.62989	41.2117	-0.01125
1.00107	79.5584	83.7971	785.019	893.384	25.8058	8.63719	41.3598	-0.011563
1.00207	79.5584	84.0706	785.704	895.16	26.1235	8.63969	41.2117	-0.011563
1.00307	79.1483	84.0706	786.39	896.682	26.8979	8.63856	41.4091	-0.010313
1.00407	79.5584	83.7971	787.075	897.891	26.9305	8.63344	41.5078	-0.010625
1.00507	79.5584	83.6803	788.618	899.667	27.0447	8.63531	41.7052	-0.012188
1.00607	79.5584	83.7971	787.532	902.388	27.568	8.63937	41.7052	-0.011663
1.00707	79.5584	83.5236	788.674	902.125	27.4237	8.63937	41.9028	-0.010938
1.00807	79.1483	83.7971	790.387	903.801	27.1088	8.62594	42.1	-0.010313
1.00907	78.4217	83.7971	789.359	904.584	27.2403	8.59989	42.0508	-0.012813
1.01007	78.4217	83.5236	790.169	906.769	28.7758	8.57908	42.7414	-0.012813
1.01107	79.4217	83.9339	790.73	908.545	25.5365	8.56719	42.3467	-0.011563
1.01207	79.6951	83.5236	790.273	910.32	25.5528	8.62344	42.7414	-0.010313
1.01307	79.6951	83.7971	790.958	911.14	26.2294	8.63856	42.7414	-0.010313
1.01407	79.4217	83.3868	791.53	912.842	26.3954	8.62908	42.7414	-0.011563
1.01507	79.4217	83.7971	792.443	913.586	26.688	8.63489	42.8895	-0.011563
1.01607	79.4217	83.7971	793.014	916.057	26.8653	8.63594	42.9862	-0.010825
1.01707	79.285	83.5236	793.828	918.242	26.9305	8.63344	43.1362	-0.010313
1.01807	80.2419	83.7971	794.271	919.608	26.8371	8.63188	43.4818	-0.010938
1.01907	79.4217	83.7971	795.07	920.974	28.7287	8.63344	43.4818	-0.007813
1.02007	79.4217	83.7971	793.928	921.93	28.8672	8.63469	43.531	-0.011563
1.02107	79.4217	83.9339	794.613	924.252	26.4068	8.63344	44.0737	-0.009898
1.02207	79.285	83.25	794.385	925.208	26.1805	8.62219	43.7777	-0.011875
1.02307	79.6951	83.25	794.842	927.529	26.0175	8.62594	43.9257	-0.010313
1.02407	79.4217	83.7971	795.527	928.895	25.4285	8.62582	44.1231	-0.010313
1.02507	78.8016	83.7971	795.758	931.827	25.2104	8.61812	44.2218	-0.010938
1.02607	79.8318	83.7971	795.299	932.448	25.5284	8.59094	44.4192	-0.012188
1.02707	79.1483	83.7971	795.984	933.948	26.1153	8.58408	44.4192	-0.011563
1.02807	79.1483	83.6803	796.213	936.134	26.4088	8.55594	44.8633	-0.011563
1.02907	79.6951	83.7971	796.213	936.134	26.7875	8.62989	44.8659	-0.012188
1.03007	79.4217	83.7971	796.869	938.319	26.9061	8.63094	44.8633	-0.00875
1.03107	79.4217	83.6803	796.441	939.412	27.0732	8.62875	44.8139	-0.010938
1.03207	79.1483	84.0706	796.669	941.734	27.1995	8.62187	45.2087	-0.010938
1.03307	79.4217	84.0706	797.128	943.648	27.0284	8.62406	45.258	-0.010938
1.03407	79.4217	83.7971	797.355	945.012	26.8979	8.62594	45.5047	-0.011875
1.03507	78.875	83.9339	797.583	947.197	26.8615	8.63219	45.7515	-0.01125
1.03607	79.5584	83.5236	797.355	948.153	25.3449	8.62844	45.7021	-0.010938
1.03707	79.5584	83.6803	798.497	950.475	24.8589	8.62489	45.7515	-0.012188
1.03807	79.4217	83.7971	798.268	951.568	25.614	8.62489	46.1482	-0.011563
1.03907	79.6951	83.6803	798.383	955.119	25.7568	8.63031	46.1958	-0.010938

1.04007	79.5584	83.7971	797.812	954.846	26.0827	6.69126	46.4916	-0.01125
1.04107	79.5584	83.7971	798.497	956.895	26.5229	6.62687	46.541	-0.008438
1.04208	79.4217	83.3068	796.213	957.987	26.5555	6.61489	46.8357	-0.012168
1.04308	79.1483	84.0706	796.213	960.036	26.4903	6.58719	46.9357	-0.010938
1.04408	79.6951	83.9339	795.756	962.221	26.7267	6.56719	47.3305	-0.011563
1.04508	79.1483	83.9339	795.756	964.133	26.8327	6.58156	47.1825	-0.01125
1.04608	79.5584	84.0706	794.613	965.499	26.4251	6.64281	47.3305	-0.010625
1.04708	79.6951	83.7971	794.157	967.138	26.3436	6.62844	47.1391	-0.012168
1.04808	79.4217	84.3442	793.928	968.231	26.1805	6.63584	47.1825	-0.011875
1.04908	79.285	83.7971	793.586	970.826	25.8544	6.63668	47.5279	-0.011563
1.05008	79.1483	83.7971	793.471	973.284	25.2675	6.63687	47.7253	-0.012168
1.05108	79.4217	84.2074	793.014	973.421	25.2227	6.63156	47.8239	-0.01125
1.05208	79.6951	83.7971	793.014	975.197	25.7728	6.63689	47.7253	-0.009688
1.05308	79.1483	83.7971	793.243	977.245	25.9584	6.64625	48.12	-0.011563
1.05408	79.4217	83.6603	794.157	978.884	26.3273	6.65219	48.6628	-0.011875
1.05508	79.4217	83.9339	794.613	981.07	26.743	6.64625	48.3174	-0.010938
1.05608	79.4217	84.0706	795.299	982.182	26.7349	6.64844	48.268	-0.011875
1.05708	79.5584	83.9339	795.185	983.118	26.7471	6.64719	48.7121	-0.011875
1.05808	79.1483	83.9339	796.213	985.187	26.849	6.65406	48.3667	-0.012813
1.05908	79.5584	83.6603	796.441	987.216	26.6615	6.63869	48.6602	-0.011563
1.06008	79.1483	83.25	796.213	988.682	26.3436	6.60469	48.9095	-0.010938
1.06108	78.875	83.7971	796.213	991.45	26.0583	6.56406	49.2056	-0.010938
1.06208	79.4217	84.0706	796.213	991.86	25.6425	6.58186	49.3043	-0.01125
1.06308	79.6951	83.7971	796.984	993.089	24.7621	6.66781	49.5017	-0.010625
1.06408	79.6951	83.9339	796.299	995.274	24.6886	6.65031	49.3043	-0.012813
1.06508	79.4217	83.7971	793.828	996.367	24.9885	6.65219	49.551	-0.011875
1.06608	79.4217	83.7971	793.014	998.279	25.3327	6.65312	49.9458	-0.01125
1.06708	79.5584	84.2074	791.415	1001.01	25.6221	6.65812	49.8964	-0.011563
1.06808	79.5584	83.9339	789.359	1003.06	25.6914	6.65719	50.0938	-0.010313
1.06908	79.5584	83.9339	788.446	1004.29	25.8178	6.65584	50.0938	-0.009688
1.07008	78.875	84.0706	786.276	1006.2	25.9115	6.65719	50.2418	-0.010938
1.07108	79.5584	84.0706	784.791	1007.57	25.7974	6.65531	50.4886	-0.010313
1.07208	79.6951	83.9339	783.849	1010.98	25.7729	6.65594	50.4886	-0.010625
1.07308	79.6951	84.0706	782.735	1012.07	25.5895	6.65344	50.8833	-0.010938
1.07408	79.4217	83.9339	781.136	1013.44	25.3853	6.64781	50.7353	-0.010313
1.07508	78.875	84.0706	779.308	1014.94	25.08	6.64906	50.8833	-0.013438
1.07608	79.1483	83.7971	778.395	1016.86	24.5827	6.62844	51.4261	-0.010313
1.07708	79.6951	84.0706	777.838	1018.22	24.5827	6.60219	51.2781	-0.0125
1.07808	79.1483	83.9339	776.224	1020.41	25.1004	6.57562	51.4754	-0.01125
1.07908	79.4217	83.7971	775.653	1022.18	25.4387	6.57781	51.4261	-0.011563
1.08008	79.4217	84.3442	773.369	1024.09	25.7077	6.64906	51.4754	-0.0125
1.08108	79.6951	83.7971	772.227	1025.6	25.936	6.64094	51.8702	-0.012188
1.08208	79.6951	83.7971	770.742	1027.51	26.0683	6.63668	51.9195	-0.01125
1.08308	79.6951	84.3442	769.029	1029.89	26.1236	6.63781	51.8686	-0.012188
1.08408	79.9885	83.7971	766.402	1030.51	26.0175	6.62969	51.8702	-0.010625
1.08508	79.4217	83.6603	764.232	1032.42	25.9034	6.62969	52.3836	-0.010938
1.08608	79.4217	83.7971	761.833	1034.08	25.7382	6.63406	52.413	-0.011875
1.08708	79.5584	83.9339	759.691	1035.7	25.4224	6.63562	52.413	-0.010313
1.08808	79.5584	84.0706	757.835	1038.43	25.0392	6.62969	52.7584	-0.013125
1.08908	80.1052	83.9339	755.323	1040.07	24.6318	6.62906	52.9064	-0.011563
1.09008	80.1052	83.7971	753.495	1041.85	24.1507	6.63156	52.8571	-0.010938
1.09108	79.4217	83.9339	751.782	1044.03	23.5515	6.6325	53.1532	-0.011563

1.09208	79.9885	84.0708	749.954	1045.54	23.7349	6.63188	53.2519	-0.012188
1.09308	79.9885	83.7971	748.127	1046.63	24.1914	6.61408	53.2519	-0.011875
1.09408	79.1483	84.0708	746.87	1050.73	24.3218	6.58719	53.3989	-0.011583
1.09508	79.4217	84.3442	744.588	1050.45	24.4645	6.56469	53.3506	-0.011583
1.09608	79.8951	83.9339	743.872	1052.09	24.6928	6.55089	53.6486	-0.010938
1.09708	79.8951	84.0708	741.845	1053.19	24.6909	6.62844	54.0414	-0.010913
1.09808	79.8951	84.0708	739.332	1055.37	24.6705	6.62158	54.0414	-0.012188
1.09908	79.4217	84.0708	738.19	1056.46	24.6887	6.62344	53.6486	-0.011583
1.10008	79.5584	83.9339	735.908	1058.51	24.5746	6.62719	54.3888	-0.011875
1.10108	79.5584	84.0708	733.393	1060.29	24.3218	6.63125	54.2387	-0.010313
1.10208	79.0117	84.0708	731.451	1062.34	23.9224	6.62218	54.4381	-0.010313
1.10308	79.8951	84.481	729.739	1063.98	23.6897	6.61658	54.4855	-0.010313
1.10408	80.2419	84.0708	727.225	1065.2	23.9713	6.62218	54.6335	-0.010313
1.10508	79.5584	84.6178	724.941	1067.66	24.4197	6.62344	54.7322	-0.011583
1.10608	80.1052	84.0708	722.199	1067.39	24.6887	6.62594	54.5842	-0.011875
1.10708	79.4217	83.7971	721.742	1069.44	25.3123	6.62063	54.9298	-0.007813
1.10808	79.4217	84.2074	717.859	1070.67	25.3694	6.61988	54.8309	-0.013436
1.10908	79.0117	83.9339	716.831	1072.31	26.4591	6.61988	54.9298	-0.011875
1.11008	79.4217	83.9339	715.481	1074.36	26.8137	6.62594	55.3737	-0.012188
1.11108	79.5584	84.0708	713.747	1075.04	26.8343	6.61488	54.8309	-0.010938
1.11208	79.285	83.7971	713.881	1076.13	26.6017	6.57988	55.275	-0.008888
1.11308	78.875	84.0708	712.605	1076.88	26.8343	6.55844	55.2256	-0.010938
1.11408	79.8951	83.9339	712.948	1077.5	26.349	6.57187	55.423	-0.01125
1.11508	79.4217	84.0708	713.976	1078.32	26.0392	6.63937	55.423	-0.012813
1.11608	79.4217	83.9339	714.318	1079.41	24.8273	6.62408	55.3243	-0.010825
1.11708	79.4217	84.2074	714.775	1080.38	24.3748	6.62781	55.6204	-0.01125
1.11808	78.6016	84.0708	715.689	1082.14	23.8901	6.62844	55.5217	-0.010938
1.11908	79.4217	84.3442	716.032	1082.89	23.6841	6.62988	55.3737	-0.012813
1.12008	79.5584	84.6178	716.26	1083.64	23.9876	6.63488	55.7191	-0.012188
1.12108	79.5584	84.0708	717.518	1084.8	24.2403	6.62988	55.9858	-0.010938
1.12208	79.1483	83.9339	717.06	1085.58	24.3463	6.62988	55.8204	-0.011583
1.12308	79.8951	83.9339	717.174	1086.78	24.489	6.63531	55.8178	-0.012813
1.12408	79.5584	84.0708	717.631	1087.6	24.5583	6.63812	55.8571	-0.010313
1.12508	79.5584	83.9339	718.088	1088.7	24.542	6.63908	55.8178	-0.010313
1.12608	79.8951	83.7971	718.544	1089.93	24.4115	6.63408	55.9858	-0.011875
1.12708	79.5584	84.0708	719.001	1091.43	24.3137	6.63594	56.9185	-0.011875
1.12808	79.285	83.7971	719.887	1091.43	24.0938	6.63719	56.0152	-0.011583
1.12908	79.8951	83.7971	720.6	1095.25	23.9265	6.61989	56.1138	-0.011875
1.13008	79.5584	83.9339	722.428	1106.64	23.3273	6.59094	55.8871	-0.011583
1.13108	79.5584	83.9339	728.71	1112.73	23.474	6.56469	56.1138	-0.011583
1.13208	79.9885	84.0708	731.579	1113.83	24.0202	6.60658	56.7553	-0.011875
1.13308	79.5584	84.0708	730.88	1112.19	24.0243	6.64781	56.5086	-0.011583
1.13408	79.4217	83.9339	732.022	1108.09	24.6724	6.64344	56.7553	-0.012188
1.13508	79.4217	84.0708	732.136	1104.54	24.9577	6.63989	56.9034	-0.010938
1.13608	79.4217	83.7971	732.136	1104.81	24.9985	6.63781	57.3475	-0.010313
1.13708	80.1052	84.0708	733.621	1106.45	25.1819	6.63989	57.3968	-0.009375
1.13808	79.4217	84.0708	735.334	1111.84	25.3408	6.63989	57.1994	-0.012813
1.13908	78.875	84.0708	736.591	1115.74	25.2512	6.64825	57.5942	-0.010313
1.14008	79.4217	83.9339	737.276	1118.06	25.2756	6.63781	57.6829	-0.010825
1.14108	80.2419	83.7971	738.076	1118.74	25.296	6.64219	57.5448	-0.012813
1.14208	79.4217	84.3442	740.703	1121.2	24.9414	6.64219	57.7916	-0.012188
1.14308	79.5584	83.9339	745.043	1122.84	24.8436	6.65158	58.1863	-0.01125

1.14408	79.4217	83.3888	747.784	1124.82	24.0814	8.64906	57.8903	-0.010313
1.14508	79.285	83.9339	751.439	1126.39	22.7077	8.64469	57.9889	-0.011875
1.14608	79.4217	84.481	753.952	1129.12	23.3762	8.64281	58.137	-0.014375
1.14708	79.285	83.7871	755.779	1131.17	23.7349	8.62582	58.3344	-0.012813
1.14808	79.8318	83.9339	758.749	1132.95	23.4292	8.60844	58.3837	-0.012188
1.14908	79.5584	84.0706	761.49	1135	23.8248	8.57989	58.4331	-0.010625
1.15008	79.9885	84.3442	764.46	1136.23	24.1425	8.61344	58.6798	-0.010313
1.15108	79.4217	84.0706	767.201	1138.28	24.0773	8.68158	58.9265	-0.010938
1.15208	79.4217	83.7971	767.658	1139.37	23.8063	8.65344	58.3344	-0.013438
1.15308	79.9885	83.9339	770.628	1142.78	24.0936	8.65989	58.7785	-0.011875
1.15408	79.4217	83.7971	772.912	1145.38	23.8572	8.65406	58.3706	-0.010938
1.15508	79.8951	83.7971	774.988	1147.15	23.849	8.65781	58.0745	-0.012813
1.15608	79.4217	83.7971	776.453	1148.11	23.2539	8.68582	59.2719	-0.010625
1.15708	79.5584	83.9339	778.28	1147.15	23.1887	8.68989	58.9758	-0.010938
1.15808	79.285	84.0706	779.08	1133.09	22.6262	8.68582	59.1732	-0.011583
1.15908	79.8951	83.7971	776.453	1136.23	22.7159	8.68875	59.4199	-0.011875
1.16008	79.1483	84.0706	780.108	1132.13	22.936	8.68719	59.3213	-0.010313
1.16108	79.5584	83.9339	783.192	1130.49	23.2702	8.68989	59.4693	-0.010938
1.16208	79.5584	83.9339	781.821	1133.36	23.7349	8.68812	59.1239	-0.010938
1.16308	79.4217	84.2074	785.019	1137.59	23.9102	8.66219	58.5811	-0.014083
1.16408	79.8951	83.7971	788.217	1141.96	24.5012	8.68281	58.8772	-0.012188
1.16508	78.7383	84.0706	790.816	1148.25	24.1017	8.64313	58.8772	-0.011583
1.16608	79.4217	83.7971	791.886	1149.34	24.5746	8.61406	58.3837	-0.011583
1.16708	79.1483	83.25	795.756	1151.25	24.7295	8.59437	58.8798	-0.010625
1.16808	79.4217	83.5238	798.04	1152.34	24.705	8.62594	58.8304	-0.010313
1.16908	79.4217	84.0706	799.867	1153.71	24.5501	8.68989	58.8798	-0.009083
1.17008	79.1483	83.5238	800.781	1155.35	24.4604	8.65344	58.5811	-0.010313
1.17108	79.5584	84.3442	802.495	1157.84	24.3545	8.65582	58.9758	-0.013125
1.17208	79.4217	83.9339	803.406	1159.89	22.9482	8.64989	59.1732	-0.012813
1.17308	79.8951	84.0706	803.979	1162.18	22.8962	8.64781	59.568	-0.012188
1.17408	79.4217	84.0706	805.693	1163	22.7118	8.64406	59.1732	-0.012813
1.17508	79.4217	83.9339	808.091	1166.14	23.2009	8.64344	59.9134	-0.012813
1.17608	79.8951	84.481	808.348	1167.37	23.4498	8.64313	60.3575	-0.011875
1.17708	79.5584	83.9339	811.061	1168.73	23.5392	8.63719	60.3575	-0.010938
1.17808	79.5584	84.0706	812.491	1170.1	23.4577	8.63858	60.5065	-0.011583
1.17908	79.1483	83.5238	814.716	1171.89	23.8615	8.63858	60.3575	-0.011875
1.18008	79.8951	83.9339	816.543	1173.38	23.7838	8.63594	60.8588	-0.010313
1.18108	79.4217	83.7971	818.371	1175.29	23.4129	8.63375	60.8538	-0.010938
1.18208	79.9885	84.0706	820.769	1176.36	23.4577	8.62656	60.7523	-0.010313
1.18308	79.4217	84.0706	822.254	1178.43	23.2295	8.61989	60.8509	-0.009888
1.18408	79.4217	84.0706	824.082	1178.29	23.0175	8.59406	60.899	-0.010938
1.18508	79.9885	83.9339	825.786	1178.98	22.7566	8.57094	60.9003	-0.01375
1.18608	79.8951	83.9339	827.508	1180.75	22.3816	8.55989	61.5418	-0.010313
1.18708	79.285	83.5238	830.249	1183.21	22.0311	8.62781	61.9386	-0.010938
1.18808	79.9885	84.0706	830.936	1185.12	21.8436	8.61658	61.8898	-0.010938
1.18908	79.5584	83.7971	832.782	1186.49	21.599	8.62344	61.7391	-0.012813
1.19008	80.1052	83.9339	833.582	1187.04	22.2023	8.62344	61.8872	-0.012188
1.19108	78.7383	84.0706	834.932	1188.87	22.8015	8.61875	61.9859	-0.013125
1.19208	79.8951	83.9339	836.417	1189.77	22.8545	8.61582	62.2326	-0.011875
1.19308	79.4217	84.0706	837.788	1191.41	23.1602	8.61188	62.3313	-0.010625
1.19408	79.4217	84.2074	838.473	1192.77	23.3354	8.61658	62.3313	-0.011583
1.19508	79.8951	83.9339	839.616	1193.73	23.3844	8.61875	62.3313	-0.011875

1.19609	79.285	84.2074	841.671	1196.23	23.4068	6.61281	62.6273	-0.010313
1.19709	79.4217	84.0706	841.443	1197.42	23.5229	6.60989	62.728	-0.012188
1.19809	79.4217	83.9339	843.499	1201.38	23.4068	6.60844	63.0714	-0.012188
1.19909	78.875	84.0706	845.098	1218.45	23.3232	6.60875	62.6767	-0.012188
1.20009	79.4217	84.3442	849.895	1225.42	22.9767	6.61219	62.8247	-0.0125
1.20109	78.875	84.0706	849.095	1226.78	22.2268	6.60812	63.1208	-0.010313
1.20209	79.6951	83.9339	847.382	1224.73	21.9537	6.58844	63.0221	-0.011563
1.20309	79.8318	83.5236	849.095	1215.58	21.9088	6.58219	63.2195	-0.010313
1.20409	79.4217	84.2074	849.21	1208.75	22.2308	6.53656	63.5156	-0.012813
1.20509	79.4217	83.7971	849.095	1208.07	22.4591	6.58156	63.4882	-0.010625
1.20609	79.285	83.9339	851.037	1210.25	22.867	6.615	63.7129	-0.011875
1.20709	79.285	84.6178	853.778	1214.78	22.8282	6.60094	63.8118	-0.010313
1.20809	79.9685	83.9339	852.408	1222.66	22.7852	6.60719	64.009	-0.014063
1.20909	79.6951	83.5236	851.951	1228.92	22.9197	6.60582	64.5024	-0.01125
1.21009	79.6951	83.9339	852.885	1227.87	22.936	6.60719	64.009	-0.013125
1.21109	79.6951	83.5236	853.207	1226.92	23.0175	6.60969	63.9103	-0.011563
1.21209	79.4217	83.9339	853.55	1225.01	22.6181	6.60594	64.157	-0.011563
1.21309	80.1052	84.2074	854.484	1223.64	22.3083	6.60781	63.6142	-0.011563
1.21409	79.5584	83.9339	856.52	1225.69	22.7322	6.60594	64.1077	-0.012813
1.21509	79.5584	83.7971	855.834	1228.58	22.4102	6.60656	63.4169	-0.011563
1.21609	79.4217	83.7971	856.882	1231.29	21.6989	6.60656	60.3575	-0.011563
1.21709	79.4217	83.7971	857.205	1233.75	21.6316	6.60844	65.44	-0.012813
1.21809	79.4217	83.7971	858.804	1235.66	21.8436	6.60989	64.157	-0.008125
1.21909	79.5584	84.0706	858.347	1235.93	21.273	6.61219	64.6505	-0.012188
1.22009	79.4217	83.9339	860.06	1237.57	21.8762	6.61281	64.8972	-0.01125
1.22109	79.6951	83.7971	860.517	1238.39	22.8463	6.59188	64.6505	-0.01125
1.22209	79.1483	84.3442	860.831	1238.48	22.8463	6.58887	64.6998	-0.011875
1.22309	79.285	83.7971	861.088	1240.85	22.349	6.54562	64.6505	-0.011875
1.22409	79.4217	84.0706	861.545	1242.9	22.8341	6.58344	64.7985	-0.0125
1.22509	79.4217	83.9339	861.317	1242.82	23.5028	6.63612	64.8479	-0.012813
1.22609	79.4217	83.7971	861.888	1241.81	22.9666	6.62406	64.6998	-0.012813
1.22709	79.4217	83.7971	861.545	1230.88	22.9931	6.63219	64.8485	-0.011563
1.22809	79.285	83.9339	860.032	1229.92	23.2335	6.63188	65.0452	-0.010625
1.22909	79.1483	83.7971	861.774	1225.01	22.8626	6.63594	64.7985	-0.007813
1.23009	79.4217	83.7971	862.118	1220.77	22.4143	6.63375	64.6011	-0.012813
1.23109	79.9685	83.9339	860.831	1221.88	21.8273	6.63469	64.9959	-0.010313
1.23209	79.4217	83.6803	861.545	1225.28	21.3058	6.63281	64.3051	-0.010625
1.23309	79.5584	83.9339	864.286	1235.68	21.5705	6.63469	64.157	-0.011875
1.23409	79.6951	84.0706	865.885	1280.79	21.8844	6.63094	63.861	-0.009063
1.23509	79.6951	83.9339	869.312	1273.63	22.1941	6.62468	63.4169	-0.011563
1.23609	79.5584	83.6803	867.713	1275.81	22.3816	6.62468	63.7129	-0.0125
1.23709	79.6951	83.9339	864.743	1271.44	22.5284	6.62406	63.9597	-0.011563
1.23809	79.6951	83.7971	864.288	1272.13	22.6629	6.62844	64.3051	-0.010625
1.23909	79.8318	83.7971	865.2	1250.6	22.6221	6.62825	64.7492	-0.01125
1.24009	79.4217	84.0706	863.715	1256.15	22.6262	6.61158	64.8972	-0.009375
1.24109	79.5584	83.3888	861.088	1255.33	22.6751	6.58594	65.4893	-0.012188
1.24209	79.1483	83.5236	863.801	1257.92	22.561	6.57031	65.8867	-0.013125
1.24309	79.1483	83.9339	862.118	1264.89	22.4754	6.57844	66.2789	-0.010625
1.24409	79.4217	83.7971	860.517	1281	22.3979	6.65219	65.8841	-0.013125
1.24509	79.6951	84.0706	867.841	1356.4	22.1815	6.64281	65.9334	-0.01125
1.24609	79.9685	84.0706	866.445	1318.29	21.7784	6.64469	66.0815	-0.010313
1.24709	79.4217	83.9339	861.545	1280.24	21.6398	6.64594	66.2789	-0.011563

1.24809	79.4217	83.7971	837.788	1245.46	21.2322	6.64844	68.2789	-0.012188
1.24909	79.5584	83.9339	862.23	1265.02	21.277	6.65094	68.1802	-0.010938
1.25009	79.1483	83.9339	876.906	1278.14	21.6153	6.65312	68.0321	-0.011563
1.25109	79.6951	84.0706	885.066	1310.51	21.8181	6.65125	65.6887	-0.010313
1.25209	79.6951	83.7971	880.831	1312.42	22.023	6.65489	65.292	-0.012813
1.25309	79.6951	83.6803	886.342	1286.74	22.2349	6.65037	65.44	-0.011563
1.25409	79.285	84.0706	854.892	1282.37	22.2634	6.65089	64.8998	-0.011875
1.25509	79.6951	83.9339	849.438	1272.95	22.3679	6.66469	64.8998	-0.011875
1.25609	79.1483	84.0706	862.459	1266.39	22.3939	6.66594	64.4531	-0.01125
1.25709	79.4217	84.0706	870.34	1275.27	22.2349	6.66719	64.3051	-0.013436
1.25809	79.5584	84.0706	880.974	1285.78	22.2105	6.66906	64.2064	-0.011563
1.25909	79.6951	84.0706	854.806	1285.78	22.0189	6.67125	64.3051	-0.0125
1.26009	79.4217	83.9339	858.291	1288.79	21.7336	6.64594	64.0583	-0.010938
1.26109	78.7383	84.0706	857.433	1288.52	21.5012	6.61344	63.8116	-0.010938
1.26209	79.6951	84.8178	858.347	1281.96	21.1588	6.61375	63.4882	-0.010938
1.26309	79.4217	83.9339	858.461	1278	20.5067	6.68006	63.4189	-0.01375
1.26409	79.0117	84.2074	860.403	1281.28	20.4618	6.69156	63.6836	-0.011563
1.26509	80.2419	83.6803	858.718	1279.64	20.5556	6.68719	63.2195	-0.011563
1.26609	79.5584	83.7971	855.834	1280.32	20.649	6.68469	63.0221	-0.012813
1.26709	79.8318	84.0706	853.864	1284.89	20.9285	6.68069	63.1208	-0.010938
1.26809	79.6951	84.0706	857.433	1281.56	21.0447	6.68281	62.8741	-0.01125
1.26909	79.5584	84.0706	858.804	1284.15	21.1761	6.68312	62.726	-0.010313
1.27009	79.5584	83.7971	859.032	1284.83	21.224	6.68469	62.8247	-0.010313
1.27109	79.6951	83.7971	859.489	1285.78	21.2403	6.68844	62.578	-0.010938
1.27209	79.5584	84.3442	859.948	1287.42	21.1914	6.68969	62.6273	-0.011563
1.27309	79.4217	84.8178	860.174	1288.11	21.1792	6.68406	62.726	-0.010313
1.27409	79.4217	83.9339	859.718	1286.37	21.1761	6.67906	62.6273	-0.011563
1.27509	80.1062	84.0706	859.281	1296.78	20.9876	6.67094	62.6767	-0.010625
1.27609	79.4217	83.25	864.829	1299.58	20.8654	6.66969	62.726	-0.012813
1.27709	79.5584	84.0706	862.459	1277.18	20.7023	6.68594	62.3313	-0.010938
1.27809	79.9685	84.0706	853.207	1279.37	20.4618	6.68219	62.1832	-0.011875
1.27909	79.6951	84.481	856.976	1275.54	20.1154	6.64281	62.1339	-0.010938
1.28009	79.4217	83.9339	859.948	1282.64	20.1806	6.61344	61.8405	-0.011563
1.28109	79.8318	84.0706	856.405	1289.75	20.4537	6.59312	61.8898	-0.010313
1.28209	79.4217	84.0706	854.235	1318.7	20.7023	6.61489	61.3937	-0.010625
1.28309	79.285	83.9339	863.601	1328.4	20.9387	6.67719	61.2457	-0.013436
1.28409	79.8318	83.9339	861.545	1267.21	21.1089	6.66219	61.147	-0.008125
1.28509	79.1483	84.0706	835.047	1288.11	21.2322	6.66531	61.147	-0.010938
1.28609	79.6951	84.0706	851.494	1297.87	21.33	6.67125	60.8509	-0.010313
1.28709	79.5584	84.0706	865.885	1280.48	21.33	6.66469	61.0977	-0.010938
1.28809	79.4217	84.0706	845.326	1311.87	21.4076	6.65969	61.0483	-0.010625
1.28909	79.5584	83.5236	846.897	1340.01	21.3545	6.64969	61.8378	-0.009688
1.29009	79.1483	84.0706	862.23	1328.26	21.2281	6.64219	61.7391	-0.012813
1.29109	79.4217	83.7971	850.809	1335.84	21.1711	6.64812	62.5287	-0.010938
1.29209	79.9685	84.0706	839.501	1327.72	20.955	6.64969	62.8273	-0.012813
1.29309	79.8318	83.9339	847.154	1303.13	20.8452	6.64906	62.43	-0.011875
1.29409	79.6951	83.9339	847.839	1294.86	20.2988	6.64812	62.3313	-0.010313
1.29509	79.1483	84.0706	841.329	1282.64	20.0746	6.64969	61.5418	-0.010938
1.29609	79.1483	84.0706	835.047	1294.12	19.8178	6.65344	60.5055	-0.012813
1.29709	79.5584	84.8178	841.214	1300.95	19.3124	6.65094	60.3575	-0.012813
1.29809	79.6951	84.0706	838.016	1299.58	19.3698	6.64719	59.8987	-0.011563
1.29909	79.6951	84.3442	827.508	1331.27	19.6588	6.62406	59.2719	-0.011563

1.30009	79.8318	84.2074	838.016	1308.87	19.883	6.59869	59.2719	-0.010826
1.30109	79.8951	83.9339	834.361	1294.39	19.9523	6.57594	58.8278	-0.011876
1.30209	79.4217	83.9339	825.861	1287.26	20.1154	6.59094	59.0745	-0.008688
1.30309	79.285	83.7971	833.878	1299.03	20.0787	6.64989	58.6798	-0.011563
1.30409	79.5584	83.9339	837.217	1286.21	20.2295	6.62844	58.9285	-0.012188
1.30509	79.8951	84.0706	829.45	1297.67	20.1887	6.63582	58.4824	-0.012813
1.30609	79.5584	84.0706	829.107	1288.11	20.0827	6.63158	58.5317	-0.008438
1.30709	79.9885	83.9339	828.422	1285.65	20.1398	6.63844	58.1863	-0.012813
1.30809	79.8951	84.0706	827.822	1294.12	20.0338	6.63344	57.8409	-0.010938
1.30909	79.8951	84.0706	826.388	1282.37	19.83	6.63219	58.0878	-0.01125
1.31009	79.8951	84.0706	829.188	1297.67	19.8015	6.63406	58.2357	-0.011563
1.31109	79.8951	84.0706	827.188	1301.08	19.4958	6.63531	57.8929	-0.010938
1.31209	79.9885	84.0706	825.795	1302.04	19.1493	6.63594	57.5942	-0.0125
1.31309	79.8951	84.0706	819.97	1315.42	19.5284	6.63125	57.8409	-0.011563
1.31409	78.875	84.0706	829.739	1285.65	19.8504	6.62781	57.4955	-0.011563
1.31509	79.4217	83.9339	817.885	1271.85	19.8952	6.62825	57.5448	-0.012813
1.31609	79.4217	84.0706	814.259	1273.77	20.0094	6.62281	57.3475	-0.010313
1.31709	79.8951	84.3442	821.455	1305.59	20.5678	6.61908	57.2981	-0.008438
1.31809	79.5584	84.0706	830.249	1291.38	20.2784	6.61658	57.1994	-0.010938
1.31909	79.4217	83.7971	819.97	1299.58	20.3436	6.60658	57.3968	-0.010313
1.3201	80.1052	84.0706	816.772	1287.7	20.9785	6.57989	57.3968	-0.01125
1.3211	79.4217	84.0706	817.457	1283.05	20.474	6.57219	57.4462	-0.010838
1.3221	78.875	83.9339	814.031	1280.02	20.4822	6.58406	57.1501	-0.010313
1.3231	79.8951	83.5236	812.888	1271.58	20.0897	6.63594	58.9034	-0.012188
1.3241	79.1483	84.0706	809.005	1281.41	20.2743	6.63344	58.708	-0.011563
1.3251	79.4217	84.2074	812.68	1293.3	20.3844	6.63489	58.6588	-0.011876
1.3261	79.4217	83.9339	814.944	1313.65	20.0175	6.63594	58.7553	-0.011563
1.3271	79.4217	84.2074	813.802	1328.53	20.0094	6.63594	57.0021	-0.010625
1.3281	79.8318	84.3442	819.284	1313.24	19.6792	6.63489	57.4462	-0.011563
1.3291	79.285	84.0706	816.088	1297.67	19.1167	6.63406	57.4955	-0.013438
1.3301	79.1483	83.7971	811.975	1281.82	19.282	6.63219	57.8903	-0.011875
1.3311	79.8318	84.2074	811.746	1279.37	18.6643	6.62531	57.5448	-0.011563
1.3321	79.5584	84.0706	814.031	1286.74	18.6154	6.62812	58.9034	-0.012188
1.3331	79.8318	84.0706	814.716	1289.75	19.0352	6.62989	58.3608	-0.012813
1.3341	79.5584	84.0706	811.746	1287.56	18.8395	6.62908	55.9185	-0.011563
1.3351	79.8951	83.7971	806.035	1284.83	19.0882	6.63718	55.5217	-0.010938
1.3361	79.4217	83.9339	803.522	1282.92	19.4285	6.63989	55.3787	-0.011563
1.3371	79.285	83.7971	802.288	1284.01	19.0067	6.63812	55.5217	-0.010313
1.3381	79.1483	84.0706	802.809	1287.01	19.3246	6.64125	55.8178	-0.012188
1.3391	79.8951	83.9339	806.264	1286.19	19.3854	6.63989	55.8204	-0.010313
1.3401	79.1483	84.3442	808.776	1288.11	18.9863	6.63082	55.5711	-0.012188
1.3411	79.8951	83.5236	808.091	1293.57	19.3001	6.60281	55.8204	-0.012188
1.3421	79.4217	84.2074	808.778	1297.39	19.1493	6.57844	55.8897	-0.011563
1.3431	79.5584	84.0706	810.804	1295.21	18.8559	6.58844	55.8204	-0.01125
1.3441	79.4217	83.9339	809.919	1290.84	18.9088	6.65281	55.7191	-0.01125
1.3451	79.5584	84.2074	808.69	1284.69	18.6317	6.63281	55.8204	-0.010938
1.3461	79.8951	84.2074	809.005	1277.18	18.2811	6.63761	55.1783	-0.010313
1.3471	79.8951	84.3442	807.177	1271.72	18.5908	6.63594	55.0283	-0.010313
1.3481	79.285	84.2074	805.122	1270.82	18.6724	6.64187	54.8309	-0.011875
1.3491	79.9885	84.3442	803.979	1272.67	18.8681	6.64889	55.0283	-0.011563
1.3501	79.5584	84.0706	803.979	1208.89	19.398	6.65082	55.1783	-0.010938
1.3511	79.4217	84.3442	779.994	1142.24	19.4061	6.64858	54.7815	-0.012813

1.3521	79.8318	83.9339	761.282	1149.2	19.5121	6.65219	54.9298	-0.011563
1.3531	79.4217	84.0706	777.938	1128.58	19.7852	6.65719	54.9298	-0.010313
1.3541	78.876	84.2074	777.709	1141.69	19.838	6.65489	54.0414	-0.010938
1.3551	79.6951	84.0706	774.74	1167.84	20.1439	6.65531	53.3505	-0.012188
1.3561	79.6951	84.0706	783.877	1188.22	19.7974	6.65158	52.3838	-0.011583
1.3571	79.9885	83.9339	792.929	1247.13	20.0481	6.65082	51.5248	-0.010313
1.3581	79.4217	83.7971	809.69	1369.72	20.2132	6.65219	50.0444	-0.012813
1.3591	79.5584	84.6178	888	1368.42	18.8914	6.64781	49.0578	-0.012813
1.3601	79.4217	84.0706	859.375	1289.75	18.9788	6.64908	48.5148	-0.011875
1.3611	79.4217	84.2074	819.513	1255.05	18.8871	6.63989	48.4161	-0.010938
1.3621	79.6951	84.0706	820.855	1237.71	18.4713	6.60562	48.12	-0.01375
1.3631	79.4217	84.481	828.107	1248.88	18.3813	6.58719	48.8802	-0.011583
1.3641	79.5584	84.2074	827.737	1272.54	18.5175	6.58687	49.8497	-0.010825
1.3651	79.5584	84.0706	823.825	1278	17.9795	6.5844	50.0938	-0.012188
1.3661	79.4217	84.3442	819.513	1258.42	18.4809	6.64988	50.1925	-0.012813
1.3671	79.4217	83.7971	798.964	1247.68	18.5298	6.64844	50.1925	-0.012188
1.3681	79.6951	84.0706	784.791	1239.78	18.5175	6.64719	50.3899	-0.010938
1.3691	79.5584	84.3442	796.441	1239.78	18.7821	6.64719	50.0938	-0.012188
1.3701	79.5584	84.6178	816.315	1252.05	18.8029	6.65031	49.6003	-0.010825
1.3711	79.5584	84.0706	820.427	1258.06	18.8944	6.64719	48.899	-0.011583
1.3721	79.6951	84.0706	817.914	1253.98	18.9904	6.64531	49.8497	-0.010625
1.3731	79.5584	83.5238	817.229	1247.68	18.9088	6.64594	49.1582	-0.011875
1.3741	79.5584	84.2074	817.343	1248.31	19.0597	6.64719	49.7977	-0.013438
1.3751	79.4217	83.9339	820.427	1245.77	18.9251	6.64469	50.4888	-0.011583
1.3761	79.5584	83.9339	824.681	1248.5	18.8029	6.64908	50.1925	-0.011583
1.3771	79.4217	84.3442	829.45	1248.91	18.8436	6.65312	50.3699	-0.010825
1.3781	79.6951	83.6603	828.907	1246.59	18.6317	6.64908	50.7353	-0.010825
1.3791	79.6951	83.6603	824.424	1245.49	18.3708	6.65156	50.7353	-0.011875
1.3801	79.4217	84.6178	820.313	1242.82	18.1181	6.64719	50.7353	-0.013438
1.3811	79.5584	84.3442	821.112	1244.28	18.0366	6.65125	50.6398	-0.012813
1.3821	79.6951	83.9339	823.825	1248.45	17.7512	6.64658	50.834	-0.010313
1.3831	79.6885	84.0706	828.079	1247.68	17.8004	6.61844	50.8833	-0.010313
1.3841	79.4217	83.9339	830.478	1245.38	17.8898	6.59437	50.2912	-0.014686
1.3851	79.4217	84.3442	831.983	1244.4	18.1262	6.57408	50.4898	-0.011583
1.3861	79.4217	84.0706	833.105	1244.4	18.2444	6.62908	50.8833	-0.010625
1.3871	79.6951	84.2074	835.846	1244.81	18.648	6.65594	50.0938	-0.012813
1.3881	79.4217	84.2074	838.702	1244.54	18.648	6.64781	49.9951	-0.010625
1.3891	79.5584	84.0706	841.671	1244.4	18.4116	6.64844	49.403	-0.011583
1.3901	79.1483	84.0706	843.158	1244.67	18.8762	6.64812	49.3043	-0.011583
1.3911	79.5584	84.3442	843.958	1242.35	18.701	6.64469	49.2058	-0.011583
1.3921	79.285	83.5238	844.07	1240.58	18.5583	6.64531	48.8802	-0.012813
1.3931	79.1483	84.0706	844.889	1241.12	18.8029	6.64344	48.5148	-0.011583
1.3941	79.4217	84.6178	848.925	1240.85	18.9578	6.64219	48.7121	-0.012813
1.3951	78.8016	84.0706	847.839	1241.12	18.4197	6.64281	48.288	-0.014083
1.3961	79.9885	84.0706	850.468	1242.21	18.5991	6.64469	48.5148	-0.011583
1.3971	79.6951	84.0706	852.75	1241.12	18.7132	6.65489	48.3174	-0.011583
1.3981	79.4217	84.2074	852.865	1235.11	18.3137	6.65889	47.9733	-0.011583
1.3991	79.5584	84.0706	850.58	1182.31	17.5983	6.65889	47.9226	-0.011583
1.4001	79.4217	83.7971	827.384	1128.58	17.3436	6.66344	47.4292	-0.012813
1.4011	79.1483	84.6178	829.584	1120.93	17.3722	6.66084	47.5772	-0.010625
1.4021	79.4217	84.0706	850.123	1095.8	18.6627	6.63219	46.6397	-0.010625
1.4031	79.6951	83.9339	844.641	1102.9	17.523	6.57908	46.2943	-0.010313

1.4041	79.8951	84.2074	842.685	1118.74	17.4282	8.53908	45.5541	-0.011563
1.4051	79.4217	83.9339	854.007	1132.54	17.5311	8.48908	44.9126	-0.011563
1.4061	79.0117	84.481	857.89	1150.84	17.8246	8.44489	43.4323	-0.013438
1.4071	79.4217	84.2074	856.52	1181.38	17.8453	8.40844	42.9882	-0.010625
1.4081	79.8951	84.0706	862.002	1145.79	17.8246	8.44908	42.5441	-0.013125
1.4091	79.5584	84.0706	869.789	1131.86	17.8817	8.45625	41.6085	-0.011563
1.4101	79.5584	84.6178	869.655	1116.56	17.7023	8.44662	41.3598	-0.012188
1.4111	79.8951	84.6178	865.657	1101.26	17.8408	8.45531	40.8157	-0.011563
1.4121	79.4217	83.3668	866.571	1092.25	17.8246	8.43908	40.7878	-0.008375
1.4131	79.8951	84.0706	868.855	1087.08	17.8942	8.42875	41.2117	-0.011563
1.4141	79.5584	84.3442	868.398	1083.78	17.7186	8.41594	40.7878	-0.010938
1.4151	79.1483	84.0706	868.827	1080.91	17.6167	8.40408	40.9157	-0.013125
1.4161	79.8951	84.0706	871.825	1076.4	17.4904	8.40344	40.9157	-0.011563
1.4171	79.8318	84.3442	874.794	1071.82	17.3436	8.39908	40.8663	-0.010313
1.4181	79.8951	84.3442	875.137	1066.3	17.2377	8.39489	41.1624	-0.0125
1.4191	79.4217	84.0706	875.594	1062.75	17.0094	8.38594	41.6065	-0.008688
1.4201	79.5584	84.2074	877.079	1055.1	16.8219	8.38844	41.1131	-0.0125
1.4211	79.5584	84.0706	877.992	1040.07	16.7404	8.38808	40.7878	-0.011875
1.4221	79.1483	83.9339	876.708	1068.21	16.6181	8.37408	40.2249	-0.011875
1.4231	79.8318	84.0706	890.214	1139.78	16.9623	8.37187	39.6327	-0.0125
1.4241	79.1483	83.9339	906.374	1111.37	17.5067	8.37531	38.8432	-0.012188
1.4251	79.5584	84.0706	882.333	1092.52	17.4883	8.36489	38.2017	-0.01125
1.4261	79.5584	83.5238	888.284	1096.48	17.7875	8.36312	37.5802	-0.010938
1.4271	79.285	84.0706	888.044	1061.93	17.9428	8.34594	37.4815	-0.010313
1.4281	79.0117	83.9339	885.188	1051.68	17.9308	8.30858	37.3135	-0.010625
1.4291	79.4217	84.3442	872.51	1072.85	18.061	8.28719	38.2017	-0.012813
1.4301	79.4217	83.7971	885.302	1077.22	18.1996	8.30156	39.1886	-0.011563
1.4311	79.8951	84.0706	890.214	1081.59	18.0121	8.35156	39.4353	-0.012188
1.4321	79.0117	83.9339	877.992	1093.81	18.1099	8.33719	40.817	-0.011875
1.4331	79.8951	83.8603	875.251	1084.33	18.1833	8.33094	41.9028	-0.010938
1.4341	79.285	84.0706	884.048	1063.84	18.0284	8.33094	42.5934	-0.010938
1.4351	79.5584	83.9339	885.302	1047.31	17.8654	8.32344	43.0968	-0.011563
1.4361	79.1483	83.9339	879.135	1027.23	17.8246	8.32531	43.5803	-0.012188
1.4371	79.1483	84.0706	881.191	1026.98	17.417	8.31687	43.879	-0.01125
1.4381	79.5584	83.9339	892.498	1051.55	16.8586	8.31344	43.2842	-0.011875
1.4391	79.8951	83.5238	901.521	1084.86	16.8219	8.30989	42.7908	-0.007813
1.4401	79.4217	84.481	896.496	1086.24	16.8833	8.30808	42.1986	-0.012813
1.4411	79.8951	83.9339	903.349	1096.89	16.9849	8.30844	42.8895	-0.011563
1.4421	79.4217	83.7971	910.887	1103.99	17.0379	8.30408	42.5834	-0.013125
1.4431	79.5584	84.0706	913.628	1105.83	17.0909	8.30312	43.2349	-0.010313
1.4441	79.8951	83.7971	914.085	1102.83	17.2091	8.30156	43.9751	-0.012813
1.4451	79.8951	83.7971	914.771	1098.89	17.2621	8.29938	44.7152	-0.011563
1.4461	79.1483	84.0706	915.913	1091.29	17.2947	8.29869	45.1593	-0.010938
1.4471	79.1483	84.2074	911.801	1087.19	17.2377	8.29869	45.3587	-0.013125
1.4481	79.8951	84.0706	908.374	1113.28	17.2458	8.29875	45.4554	-0.013125
1.4491	79.8951	83.7971	917.283	1147.15	17.2377	8.29838	45.3587	-0.011563
1.4501	79.8951	84.3442	923.451	1150.16	17.1581	8.27812	45.0808	-0.010313
1.4511	79.8951	84.0706	910.43	1148.07	16.9931	8.24889	44.0244	-0.010625
1.4521	79.4217	84.0706	904.848	1121.2	16.9197	8.22969	43.827	-0.01125
1.4531	79.5584	84.0706	903.12	1078.04	16.8382	8.25719	43.1362	-0.010313
1.4541	79.5584	83.9339	895.354	1040.89	16.7587	8.30219	42.7908	-0.012813
1.4551	79.4217	84.0706	887.829	1007.29	16.5892	8.28312	42.1986	-0.012188

1.4561	79.5584	84.0706	888.673	977.382	16.4632	6.28582	41.7062	-0.011563
1.4571	80.1052	84.3442	886.074	984.045	16.3205	6.28219	41.2611	-0.011875
1.4581	79.1483	83.5236	886.838	1020.27	16.2188	6.28344	40.4222	-0.011875
1.45911	79.5584	84.0706	905.747	1030.79	16.0352	6.27844	39.534	-0.011875
1.46011	79.6951	84.3442	903.577	1043.76	15.8396	6.27719	39.9419	-0.010838
1.46111	79.1483	84.0706	906.318	1040.35	15.8314	6.27469	37.8563	-0.009093
1.46211	79.4217	84.2074	907.575	1028.6	16.0393	6.26781	37.4122	-0.012188
1.46311	79.6951	84.3442	911.116	1020.95	16.4102	6.27344	37.4615	-0.012813
1.46411	79.8318	84.2074	913.172	1012.76	16.2188	6.26844	37.4615	-0.010938
1.46511	79.6951	84.481	915.456	1001.83	16.5386	6.26469	37.4122	-0.010938
1.46611	79.8685	84.0706	911.887	1018.63	16.6792	6.26906	37.1161	-0.0125
1.46711	79.4217	83.7971	916.141	1098.48	16.6589	6.26584	37.1655	-0.011563
1.46811	79.6951	84.3442	928.134	1069.3	16.8219	6.26344	36.6227	-0.011563
1.46911	79.8318	84.0706	917.512	1085.07	17.1684	6.26406	36.672	-0.01
1.47011	79.5584	84.3442	903.92	1041.03	16.8504	6.26094	36.1292	-0.010938
1.47111	79.285	84.2074	903.006	991.177	16.3409	6.26094	36.4747	-0.011875
1.47211	79.1483	84.0706	898.724	948.105	16.561	6.26219	36.4747	-0.010313
1.47311	79.6951	84.0706	883.018	915.374	16.8137	6.24281	36.9189	-0.012813
1.47411	79.6951	84.0706	878.85	908.406	16.8507	6.21844	36.0537	-0.011563
1.47511	79.6951	84.3442	884.617	947.744	16.561	6.19937	37.5602	-0.012813
1.47611	79.8318	83.9339	902.207	958.124	16.2839	6.21489	38.2511	-0.010313
1.47711	79.6951	84.481	899.006	976.972	16.8844	6.27156	37.8563	-0.011875
1.47811	80.1052	84.0706	899.806	984.757	16.7866	6.25281	37.8563	-0.010938
1.47911	79.6951	84.2074	906.318	963.938	15.4605	6.25584	38.2511	-0.010625
1.48011	79.6951	84.0706	909.288	979.704	14.8165	6.25582	36.4484	-0.011563
1.48111	80.2419	84.0706	911.116	977.382	15.811	6.25094	36.6458	-0.0125
1.48211	78.875	84.0706	915.913	973.148	15.754	6.24781	39.3366	-0.011563
1.48311	79.6951	83.9339	918.083	1005.85	15.5991	6.24937	39.6327	-0.008436
1.48411	79.5584	83.7971	925.279	1054.14	15.7132	6.24489	39.7314	-0.012813
1.48511	79.5584	84.0706	929.819	1054.28	16.1004	6.24375	40.1282	-0.010938
1.48611	79.5584	83.9339	912.6	1046.63	16.0964	6.24344	40.0275	-0.010625
1.48711	79.8318	84.2074	899.465	1017.67	16.0597	6.2475	40.2249	-0.011875
1.48811	79.5584	84.0706	894.44	970.143	16.3532	6.24469	40.3235	-0.012813
1.48911	79.6951	84.2074	885.759	921.52	16.3368	6.24344	40.9157	-0.010938
1.49011	79.6951	84.0706	872.167	890.652	16.3654	6.24406	41.1131	-0.012188
1.49111	79.0117	84.2074	886.456	905.676	16.4958	6.24406	41.2117	-0.011875
1.49211	79.6951	84.0706	880.962	927.803	16.3617	6.24594	40.8157	-0.011563
1.49311	79.8318	84.3442	888.729	960.992	16.3326	6.23969	40.817	-0.01375
1.49411	79.5584	84.3442	894.783	982.436	16.4632	6.23781	40.4222	-0.010313
1.49511	79.4217	84.481	898.323	985.85	16.3776	6.23594	39.7806	-0.012188
1.49611	79.9685	84.0706	900.285	987.626	16.3898	6.22844	39.9288	-0.010938
1.49711	79.5584	84.481	903.349	980.933	16.2349	6.20094	39.7806	-0.01125
1.49811	79.6951	83.9339	909.745	967.958	16.0841	6.17781	39.9781	-0.010625
1.49911	79.9685	84.0706	910.545	984.348	16.0311	6.16469	40.0275	-0.011563
1.50011	80.2419	84.0706	918.654	1041.44	15.8763	6.23156	40.2249	-0.011563
1.50111	79.4217	84.3442	831.446	1043.9	16.6806	6.22844	40.3235	-0.010938
1.50211	79.6951	83.7971	912.258	1050.32	15.5339	6.22344	40.2249	-0.01125
1.50311	79.9685	83.9339	895.354	1032.15	15.6366	6.22219	40.5703	-0.012813
1.50411	79.6951	83.9339	892.384	995.274	15.8192	6.21812	41.3598	-0.011563
1.50511	79.6951	83.9339	886.044	954.573	15.8803	6.21375	41.8532	-0.011875
1.50611	79.6951	84.0706	875.937	925.617	16.0271	6.21406	42.396	-0.012813
1.50711	79.6951	84.2074	871.596	951.841	16.1127	6.20781	43.4616	-0.01125

1.50811	80.2419	83.9339	892.384	977.855	18.1697	6.20781	43.1362	-0.013125
1.50911	79.9885	84.0708	895.125	995.894	18.2349	6.20594	43.679	-0.010838
1.51011	79.8951	84.2074	880.277	1023	18.2757	6.20469	43.7283	-0.013125
1.51111	79.8951	84.2074	886.216	1032.42	18.2186	6.20187	43.3829	-0.013438
1.51211	80.1052	84.6178	899.351	1036.52	18.292	6.19719	43.3829	-0.011563
1.51311	79.8951	84.0708	901.179	1036.25	18.2472	6.19344	43.7777	-0.010313
1.51411	79.5584	84.0708	902.207	1028.87	18.1208	6.19719	43.9751	-0.0125
1.51511	79.4217	84.2074	904.491	1044.17	18.0352	6.19469	44.1724	-0.011563
1.51611	79.4217	84.2074	913.628	1094.57	18.1004	6.19312	44.0244	-0.010313
1.51711	79.8951	84.0708	915.113	1097.71	15.9252	6.19156	43.9257	-0.011563
1.51811	79.8951	84.2074	896.039	1097.57	15.6725	6.19082	43.7777	-0.012188
1.51911	80.1052	84.6178	886.501	1070.12	15.8154	6.18594	43.9257	-0.011563
1.52011	79.8951	84.0708	886.901	1028.05	15.848	6.18125	44.1231	-0.010313
1.52111	79.8951	84.0708	877.992	982.709	15.379	6.15219	44.4685	-0.010313
1.52211	79.9885	84.2074	868.398	953.617	14.7513	6.12594	44.6659	-0.012188
1.52311	79.8951	84.0708	870.683	987.079	14.9082	6.11594	44.9126	-0.011563
1.52411	79.8951	84.0708	891.899	1008.39	14.845	6.17875	45.0806	-0.010313
1.52511	79.8951	83.9339	889.871	1032.42	14.9877	6.17719	45.0806	-0.010838
1.52611	79.8951	84.0708	879.82	1057.83	15.1589	6.17344	45.258	-0.010838
1.52711	79.1483	83.5236	890.899	1064.86	15.0855	6.17281	45.1583	-0.008125
1.52811	79.1483	83.7971	899.485	1068.76	15.1589	6.16719	45.258	-0.014083
1.52911	79.9885	84.3442	898.894	1068.02	15.542	6.16583	45.6528	-0.013438
1.53011	79.8951	84.0708	900.285	1055.1	15.432	6.15989	46.0475	-0.011563
1.53111	79.5584	83.9339	903.349	1083.78	15.1998	6.15656	45.9488	-0.0125
1.53211	79.8951	84.0708	910.887	1129.53	15.5787	6.15989	46.1462	-0.012188
1.53311	79.8951	84.3442	908.803	1130.49	15.6806	6.15344	46.2943	-0.010313
1.53411	79.8951	83.9339	890.785	1128.58	15.4768	6.15094	45.9488	-0.01125
1.53511	79.4217	84.0708	886.873	1098.8	15.4197	6.14908	45.9488	-0.0125
1.53611	80.1052	84.6178	884.16	1053.05	15.7051	6.14594	46.0475	-0.009688
1.53711	79.5584	84.481	875.137	1008.39	15.8725	6.14281	46.541	-0.010838
1.53811	79.8318	84.0708	886.114	985.304	15.3484	6.14219	46.9357	-0.012813
1.53911	79.5584	84.481	872.867	1024.64	15.3871	6.14219	46.7384	-0.013125
1.54011	79.4217	83.6803	890.899	1040.62	15.5583	6.13969	47.6266	-0.011563
1.54111	78.7383	84.6178	882.447	1071.76	15.3887	6.14219	46.837	-0.012813
1.54211	79.5584	84.3442	876.85	1093.34	15.1711	6.14125	46.9357	-0.011875
1.54311	79.5584	84.3442	888.867	1097.3	15.114	6.13906	46.837	-0.010838
1.54411	79.5584	84.0708	895.81	1100.17	14.9551	6.13719	47.1331	-0.013438
1.54511	79.4217	84.0708	894.328	1095.53	14.9714	6.11344	47.4292	-0.013125
1.54611	79.8951	83.5236	897.087	1083.23	15.0896	6.08531	47.8733	-0.011583
1.54711	79.4217	84.2074	899.894	1123.39	15.2975	6.08594	47.7253	-0.012813
1.54811	79.8951	84.3442	905.405	1157.4	15.4279	6.07658	47.8733	-0.011583
1.54911	79.4217	84.0708	899.009	1181.22	15.5746	6.13281	47.3305	-0.011583
1.55011	79.8951	84.0708	882.104	1155.08	15.8806	6.11719	46.9357	-0.014083
1.55111	79.5584	84.0708	879.363	1122.02	15.811	6.12156	47.2318	-0.0125
1.55211	79.8951	83.6603	875.261	1075.04	15.9007	6.11656	47.8239	-0.012188
1.55311	79.4217	84.3442	866.771	1032.01	15.9374	6.11531	47.6266	-0.011583
1.55411	79.1483	84.3442	858.804	1013.71	16.0393	6.11344	47.5772	-0.010625
1.55511	79.4217	83.5236	866.429	1053.19	16.0271	6.10887	47.8239	-0.011875
1.55611	79.5584	84.2074	876.908	1088.48	16.0638	6.11082	47.7253	-0.012188
1.55711	79.8951	84.3442	867.941	1088.84	16.023	6.10887	47.8239	-0.011583
1.55811	80.1052	84.0708	863.03	1074.9	16.0352	6.10408	47.4292	-0.012813
1.55911	79.8951	83.9339	882.887	1052.37	15.9904	6.10469	47.2318	-0.011875

1.56011	79.6951	84.0706	866.284	1050.86	15.9089	6.10219	47.3305	-0.008125
1.56111	79.6951	83.9339	877.079	1032.87	15.8273	6.09781	47.3305	-0.012813
1.56211	79.6951	84.481	876.449	1100.72	15.7336	6.09869	47.1331	-0.012813
1.56311	79.6951	83.9339	867.161	1168.82	15.5909	6.10469	47.1331	-0.01125
1.56411	79.6951	84.2074	903.349	1199.33	15.4646	6.09869	46.541	-0.012813
1.56511	79.5584	84.0706	881.878	1194.88	15.2771	6.10344	46.0969	-0.011875
1.56611	79.5584	83.9339	865.771	1168.87	15.1181	6.09658	45.5541	-0.013438
1.56711	79.6951	84.2074	869.789	1116.83	14.8898	6.09658	45.5541	-0.011563
1.56811	79.5584	84.3442	865.657	1087.12	14.6045	6.09719	45.2087	-0.012188
1.56911	79.4217	84.6178	853.436	1028.05	14.7227	6.09158	45.258	-0.01125
1.57011	79.286	84.6178	847.382	1002.1	14.8165	6.06469	45.1593	-0.011563
1.57111	79.6951	84.2074	849.438	1037.34	14.9469	6.04281	45.1593	-0.011563
1.57211	79.6685	84.3442	852.885	1052.09	14.9754	6.01937	44.3205	-0.01125
1.57311	79.6685	84.0706	840.986	1076.13	15.0855	6.04158	44.1724	-0.010313
1.57411	79.6951	84.0706	842.586	1091.15	15.1996	6.09158	44.0737	-0.013438
1.57511	79.6951	84.0706	854.82	1102.9	15.2119	6.07469	43.4818	-0.012813
1.57611	79.5584	84.3442	860.517	1111.92	15.2119	6.07906	43.9751	-0.0125
1.57711	79.6685	84.0706	860.631	1117.65	15.2567	6.07219	45.11	-0.011875
1.57811	79.4217	84.6178	862.345	1111.1	15.2893	6.06875	45.8502	-0.009688
1.57911	79.6685	84.0706	860.403	1147.02	15.2078	6.09469	46.1482	-0.012813
1.58011	79.5584	84.481	867.484	1185.4	15.2159	6.06858	46.7384	-0.011875
1.58111	79.4217	83.9339	868.855	1185.4	15.1711	6.06344	47.0344	-0.012188
1.58211	79.4217	84.0706	855.492	1181.98	15.1018	6.06094	46.9851	-0.012813
1.58311	79.6951	84.0706	851.38	1149.34	14.9714	6.055	46.837	-0.012813
1.58411	79.4217	84.0706	848.24	1102.9	14.896	6.05658	46.9851	-0.0125
1.58511	79.4217	83.9339	834.475	1081.52	14.9306	6.05437	46.2167	-0.0125
1.58611	79.5584	84.6178	826.594	1037.07	14.8083	6.05658	47.9228	-0.010838
1.58711	79.5584	84.3442	830.706	1072.85	14.5882	6.05656	48.288	-0.012188
1.58811	79.5584	84.0706	843.956	1091.43	14.4819	6.04969	48.2187	-0.011563
1.58911	79.5584	84.0706	835.047	1123.39	14.6534	6.04969	48.2187	-0.011875
1.59011	79.5584	84.481	828.536	1144.97	14.7187	6.04688	48.0707	-0.010625
1.59111	79.6951	83.7971	836.417	1146.11	14.8572	6.04406	47.8238	-0.011563
1.59211	79.285	84.2074	838.816	1151.52	15.1263	6.04344	48.12	-0.01375
1.59311	79.5584	84.0706	836.874	1145.79	15.1548	6.04344	48.5148	-0.007813
1.59411	79.4217	84.0706	838.473	1130.22	15.1589	6.03344	48.3174	-0.014083
1.59511	79.6951	84.3442	840.986	1152.34	15.3749	6.01594	48.9085	-0.010938
1.59611	79.8318	84.0706	844.841	1202.88	15.4034	5.99219	49.1069	-0.012188
1.59711	78.875	84.0706	847.839	1206.18	15.3545	5.98812	48.5148	-0.012813
1.59812	79.6951	84.0706	833.105	1208.34	15.5746	5.97158	48.5841	-0.011875
1.59912	78.875	84.3442	825.881	1179.66	15.5991	6.03856	48.4161	-0.010313
1.60012	79.6951	83.9339	822.254	1135.13	15.5705	6.02219	48.12	-0.011875
1.60112	79.6951	83.7971	814.031	1091.7	15.5339	6.02125	48.4654	-0.012813
1.60212	79.5584	83.7971	806.721	1069.65	15.542	6.01969	48.5148	-0.01125
1.60312	79.5584	83.8603	806.492	1082.41	15.5178	6.01781	48.7615	-0.009888
1.60412	79.1483	84.0706	817	1107	15.4401	6.01583	48.8602	-0.010938
1.60512	79.0117	84.2074	812.888	1130.83	15.3219	6.01156	48.0707	-0.012188
1.60612	79.8318	84.0706	800.781	1158.08	15.3015	6.00969	48.2187	-0.0125
1.60712	79.5584	84.3442	807.177	1160.95	15.1589	6.00719	48.4181	-0.01125
1.60812	79.6685	84.0706	812.203	1162.45	15.1263	6.00344	48.2187	-0.010938
1.60912	79.1483	84.2074	811.632	1160.54	14.9225	6.00281	48.4654	-0.011563
1.61012	79.6951	84.3442	812.68	1147.84	14.735	5.99969	48.5148	-0.011563
1.61112	79.6951	84.481	813.117	1147.84	14.7431	5.99813	48.6628	-0.013438

1.81212	79.9685	84.3442	813.459	1205.47	14.0298	5.98594	48.4654	-0.012188
1.81312	79.0117	84.2074	820.789	1217.83	14.1562	5.98375	48.2187	-0.013125
1.81412	79.8851	83.5238	813.117	1225.01	14.4537	5.98219	47.7253	-0.011563
1.81512	79.5584	84.3442	801.895	1203.87	14.0583	5.98937	47.5279	-0.012188
1.81612	79.4217	84.0708	799.182	1181.9	14.3398	5.98281	47.1331	-0.014688
1.81712	79.8851	83.5238	793.014	1118.47	14.5878	5.98408	47.5772	-0.012813
1.81812	79.1483	84.0708	785.59	1080.23	14.2784	5.98219	48.8108	-0.011563
1.81912	79.8851	83.7971	782.508	1078.95	14.5719	5.98187	48.2187	-0.013438
1.82012	79.9685	84.3442	791.187	1115.47	14.8371	5.97989	48.3174	-0.010825
1.82112	79.1483	84.3442	798.889	1132.88	14.4741	5.95344	48.0707	-0.014063
1.82212	79.8851	84.6178	784.334	1165.18	14.8453	5.92858	47.9226	-0.010825
1.82312	79.1483	84.2074	785.019	1174.47	14.8484	5.90858	47.7253	-0.01125
1.82412	79.5584	84.3442	792.558	1176.25	14.4578	5.93988	47.9226	-0.011563
1.82512	79.8851	84.0708	793.243	1178.57	14.5352	5.98219	48.12	-0.012188
1.82612	79.8851	84.3442	782.786	1165.05	14.4678	5.98375	48.5148	-0.010838
1.82712	79.285	84.2074	793.471	1112.05	14.3274	5.98408	48.3174	-0.014063
1.82812	79.8851	84.0708	782.049	1121.48	14.3437	5.98094	48.8802	-0.01375
1.82912	80.2419	84.2074	788.217	1142.51	14.2947	5.95937	49.0576	-0.010838
1.83012	80.1052	84.481	793.586	1129.94	14.1888	5.95594	48.3174	-0.011875
1.83112	79.5584	83.8803	781.384	1202.33	14.042	5.95313	47.4785	-0.012813
1.83212	80.2419	84.0708	798.154	1234.29	13.8075	5.94888	46.837	-0.011563
1.83312	79.5584	84.2074	807.177	1180.48	13.8668	5.94812	46.1956	-0.011563
1.83412	79.8318	83.5238	773.712	1163.54	13.6181	5.94438	46.2448	-0.0125
1.83512	79.9685	84.2074	771.085	1115.74	13.879	5.94187	46.888	-0.010838
1.83612	79.8851	84.3442	782.735	1109.45	14.2051	5.94219	46.837	-0.010313
1.83712	79.8851	84.3442	782.508	1115.47	14.0339	5.93812	46.8884	-0.012813
1.83812	79.5584	84.3442	778.395	1126.39	14.148	5.93594	46.3438	-0.009375
1.83912	79.8851	84.0708	777.252	1132.54	14.47	5.93406	45.8008	-0.015625
1.84012	79.5584	84.481	777.938	1139.78	14.417	5.93594	45.5541	-0.012188
1.84112	79.5584	84.0708	771.898	1150.02	14.8801	5.93031	45.258	-0.010838
1.84212	79.8851	84.0708	772.227	1146.88	14.6371	5.92989	44.9619	-0.011875
1.84312	79.8851	84.2074	781.593	1144.42	14.5801	5.92844	45.11	-0.011563
1.84412	79.5584	84.2074	785.478	1159.17	14.8817	5.92312	45.1593	-0.012813
1.84512	79.8851	84.3442	787.304	1217.08	14.9102	5.92312	45.3587	-0.012188
1.84612	79.8851	84.0708	798.154	1235.39	14.7879	5.91989	45.8528	-0.011875
1.84712	80.2419	83.9339	791.758	1249.32	14.8287	5.90489	45.9488	-0.013438
1.84812	79.4217	84.481	781.821	1228.92	14.8328	5.87406	-48.1482	-0.012188
1.84912	79.1483	84.2074	780.222	1185.12	14.8208	5.85156	46.3929	-0.012813
1.85012	79.8851	84.3442	778.11	1138	14.7678	5.83989	47.1331	-0.0125
1.85112	79.5584	84.0708	770.513	1098.53	14.8939	5.90188	48.3174	-0.011563
1.85212	79.5584	84.2074	789.942	1093.34	14.7767	5.90408	48.3174	-0.009888
1.85312	79.4217	84.0708	775.653	1132.81	14.7106	5.90219	48.1693	-0.010838
1.85412	79.8851	84.0708	781.478	1150.43	14.8045	5.89408	47.9226	-0.012188
1.85512	79.5584	83.9339	770.97	1183.21	14.3355	5.88989	47.3305	-0.012188
1.85612	79.8851	84.2074	771.541	1192.64	14.4904	5.88594	47.4292	-0.011663
1.85712	79.8851	84.0708	779.785	1192.36	14.1317	5.88281	47.2811	-0.01125
1.85812	79.8851	84.6178	781.478	1181.88	13.2757	5.88094	47.5279	-0.011875
1.85912	79.5584	84.3442	783.306	1183.82	13.2584	5.87719	48.0213	-0.012813
1.86012	79.5584	84.0708	788.446	1171.88	14.0298	5.87488	48.3897	-0.009883
1.86112	79.4217	84.0708	785.248	1196.73	13.8263	5.87187	48.4181	-0.015313
1.86212	79.8851	84.3442	787.889	1247.88	13.6752	5.87344	48.4854	-0.012813
1.86312	79.5584	84.2074	795.758	1253.69	14.1785	5.87218	47.8239	-0.0125

1.66412	79.5584	84.2074	787.875	1257.51	13.8382	5.88856	47.3305	-0.012188
1.66512	79.6951	84.3442	785.478	1228.01	13.8627	5.88489	47.0344	-0.012813
1.66612	80.2419	84.6178	783.877	1183.78	14.1072	5.88469	46.7384	-0.013438
1.66712	79.5584	84.2074	777.481	1143.08	13.8219	5.88281	47.4785	-0.010938
1.66812	79.9885	84.6178	773.255	1108.18	14.0787	5.88989	47.5772	-0.011583
1.66912	79.1483	84.6178	774.397	1118.74	14.2703	5.89094	47.7253	-0.012188
1.67012	79.6951	84.3442	783.42	1152.07	13.8953	5.88938	47.8759	-0.010625
1.67112	79.6951	84.0708	787.875	1171.19	13.9075	5.88989	47.3798	-0.010313
1.67212	79.4217	84.0708	779.785	1197.96	14.0891	5.88887	48.7877	-0.013125
1.67312	79.6951	84.0708	786.276	1203.15	13.9238	5.88582	48.8884	-0.012813
1.67412	79.5584	84.3442	782.101	1203.97	13.8506	5.84084	48.4423	-0.013438
1.67512	79.8318	84.2074	783.014	1202.33	13.8871	5.82188	48.837	-0.011583
1.67612	79.5584	83.8603	788.04	1192.38	13.6388	5.80219	48.7877	-0.011875
1.67712	79.4217	84.6178	800.324	1180.75	13.8426	5.78082	48.9357	-0.010625
1.67812	79.6951	84.2074	788.268	1214.08	13.5856	5.82844	48.9357	-0.011583
1.67912	79.6951	83.9339	803.865	1256.15	13.9039	5.85584	48.541	-0.010938
1.68012	79.285	84.0708	806.149	1263.93	13.4265	5.84084	48.4423	-0.011583
1.68112	79.4217	84.3442	788.497	1265.02	13.2148	5.84158	45.9488	-0.012188
1.68212	80.1052	84.6178	796.689	1233.34	13.0516	5.84188	45.5541	-0.00875
1.68312	79.9885	84.3442	783.014	1188.4	13.1942	5.83989	45.8528	-0.013125
1.68412	79.4217	84.2074	786.39	1149.34	13.1738	5.83887	46.0475	-0.011875
1.68512	79.6951	83.9339	783.763	1113.83	13.5284	5.83719	45.9488	-0.0125
1.68612	79.1483	84.6178	786.161	1127.21	13.6385	5.83906	46.3436	-0.012813
1.68712	79.5584	84.2074	796.689	1180.27	13.6018	5.83281	46.3436	-0.01125
1.68812	79.1483	84.8913	800.21	1179.25	13.8382	5.82781	46.2449	-0.011875
1.68912	79.9885	84.3442	795.299	1205.61	13.936	5.82658	45.9488	-0.013125
1.69012	79.6951	84.2074	802.038	1210.39	13.9118	5.82584	45.8008	-0.012188
1.69112	79.5584	84.0708	807.634	1211.89	14.1032	5.82082	45.8995	-0.013125
1.69212	79.6951	83.9339	808.482	1207.52	14.1072	5.82188	46.1482	-0.0125
1.69312	79.5584	84.2074	814.844	1197.14	14.042	5.82312	46.3829	-0.01125
1.69412	79.875	84.3442	816.772	1188.22	14.2132	5.81989	46.7384	-0.014063
1.69512	79.6951	84.0708	815.858	1214.9	14.2091	5.82468	47.2318	-0.011875
1.69612	79.6951	83.9339	820.313	1209.71	14.095	5.82856	46.8397	-0.0125
1.69712	79.6951	84.0708	809.804	1177.34	14.3437	5.82437	46.4423	-0.012188
1.69812	79.5584	84.0708	802.495	1185.4	14.254	5.81989	45.8502	-0.012188
1.69912	79.1483	84.2074	814.031	1132.27	13.9605	5.81844	45.3587	-0.012813
1.70012	79.6951	84.2074	807.883	1171.19	14.4333	5.81812	45.2087	-0.011583
1.70112	79.6951	84.2074	817.343	1221.86	14.0583	5.81781	44.7152	-0.012813
1.70212	79.6951	84.481	830.021	1174.74	13.985	5.79906	44.6859	-0.010938
1.70312	79.6951	83.8603	804.322	1184.85	14.0787	5.77408	44.6859	-0.012813
1.70412	79.6951	84.2074	807.634	1180.72	13.4308	5.75219	44.8633	-0.009375
1.70512	79.5584	84.3442	824.995	1158.99	13.1697	5.75858	44.5872	-0.014063
1.70612	79.5584	83.7971	816.316	1187.78	13.3002	5.82437	44.8633	-0.011875
1.70712	79.5584	84.0708	819.856	1189.96	12.9678	5.80969	44.5178	-0.011875
1.70812	79.9885	84.3442	830.935	1181.9	13.0393	5.80969	44.3205	-0.012813
1.70912	79.5584	84.0708	828.993	1173.82	13.2431	5.80887	44.4885	-0.013125
1.71012	80.1052	83.9339	825.224	1182.94	13.2024	5.80281	44.4885	-0.012188
1.71112	79.6951	84.3442	827.394	1187.84	13.3246	5.80219	44.3898	-0.012813
1.71212	79.5584	84.481	832.991	1187.58	13.345	5.79969	44.3898	-0.01125
1.71312	79.8318	84.3442	840.301	1238.39	13.3858	5.79969	44.5178	-0.010938
1.71412	79.5584	84.3442	847.288	1237.3	13.398	5.79468	44.2711	-0.014063
1.71512	79.5584	83.5238	840.986	1249.59	13.398	5.79406	44.3898	-0.010625

1.71612	79.0117	84.481	836.874	1225.28	13.3613	5.79281	44.8139	-0.011876
1.71712	79.8318	84.0706	833.219	1180.62	13.3776	5.78969	45.5541	-0.011875
1.71812	79.5584	84.481	826.594	1140.05	13.3491	5.78969	46.0969	-0.013438
1.71912	79.9685	84.0706	823.967	1103.99	13.3491	5.79489	46.7384	-0.011875
1.72012	79.6951	84.481	827.051	1101.81	13.3613	5.79156	47.2318	-0.010938
1.72112	79.8318	84.0706	836.417	1143.86	13.2635	5.78969	47.4292	-0.010938
1.72212	79.5584	84.3442	843.727	1159.99	13.2757	5.78908	47.1331	-0.011563
1.72312	79.5584	84.0706	835.047	1188.4	13.2105	5.79094	48.8654	-0.011563
1.72412	79.6951	84.6178	838.245	1199.33	13.076	5.79125	48.7877	-0.0125
1.72512	79.4217	83.9339	844.184	1197.42	13.0801	5.78937	48.8664	-0.012188
1.72612	79.5584	84.0706	847.839	1196.05	12.9333	5.78969	47.0344	-0.007188
1.72712	79.285	84.3442	850.809	1188.67	12.8274	5.78781	47.6268	-0.012813
1.72812	79.1483	84.3442	856.746	1178.29	12.7458	5.78844	48.0213	-0.012813
1.72912	79.4217	84.3442	856.634	1191.82	12.648	5.78844	48.4161	-0.011875
1.73012	79.4217	84.3442	856.52	1248.22	12.538	5.78719	47.7746	-0.012813
1.73112	79.6951	83.7971	863.373	1258.19	12.4188	5.74125	47.8239	-0.012813
1.73212	79.4217	84.0706	856.52	1269.53	12.3056	5.71908	47.2811	-0.012813
1.73312	79.4217	84.0706	852.406	1249.32	12.2383	5.73875	47.1331	-0.011875
1.73412	79.6951	84.2074	852.636	1208.75	12.0651	5.79344	46.689	-0.0125
1.73512	79.4217	84.6178	847.382	1169.42	12.1181	5.77938	47.4292	-0.012813
1.73613	79.6951	84.6178	842.613	1131.86	12.1752	5.78469	47.8239	-0.010625
1.73713	79.6951	83.5236	843.956	1114.92	12.6278	5.78156	47.8239	-0.010938
1.73813	79.4217	83.7971	847.839	1155.35	12.5828	5.77969	48.2187	-0.013438
1.73913	79.5584	84.6178	858.119	1171.74	12.7132	5.77969	48.3174	-0.011875
1.74013	79.9685	84.2074	854.692	1199.46	12.754	5.77969	47.7253	-0.012188
1.74113	79.4217	84.0706	857.682	1212.71	12.8518	6.77656	47.1331	-0.012188
1.74213	79.1483	84.0706	864.872	1213.12	12.9252	5.77656	48.7877	-0.013438
1.74313	79.6951	84.0706	867.028	1213.53	12.9741	5.77344	46.9357	-0.015938
1.74413	79.6951	84.2074	869.769	1207.8	13.023	5.77158	47.8759	-0.011563
1.74513	79.6951	84.481	873.424	1197.42	13.0719	6.77281	47.7253	-0.012188
1.74613	79.5584	84.0706	873.852	1195.23	13.1127	5.77187	48.12	-0.011875
1.74713	79.5584	84.481	872.053	1246.59	13.0719	5.77344	48.2187	-0.012188
1.74813	79.8318	84.3442	879.934	1268.44	13.0882	5.77344	47.8239	-0.01125
1.74913	79.4217	84.3442	877.079	1279.91	13.1045	5.77489	47.2318	-0.013438
1.75013	80.1052	84.0706	868.17	1272.13	13.1005	5.77489	47.1331	-0.012813
1.75113	79.0117	83.9339	866.456	1234.84	13.0638	5.77219	48.8664	-0.0125
1.75213	79.4217	84.3442	863.03	1195.09	12.9804	5.77312	47.0344	-0.012188
1.75313	80.2419	84.0706	856.634	1159.17	12.9415	5.77844	47.6759	-0.012188
1.75413	79.4217	84.2074	856.291	1128.31	12.8885	5.77562	48.12	-0.011875
1.75513	79.6951	84.6178	856.575	1156.99	12.884	5.77375	48.4161	-0.011563
1.75613	79.1483	83.9339	868.855	1161.16	12.4198	5.77656	48.3174	-0.013438
1.75713	79.9685	84.2074	869.198	1204.79	12.2567	5.77031	48.12	-0.013125
1.75813	79.5584	84.8913	866.114	1224.32	12.2975	5.74469	47.9226	-0.011563
1.75913	79.6951	84.6178	874.68	1227.46	12.0896	5.72625	47.7253	-0.01
1.76013	79.8318	84.481	877.079	1227.74	12.2282	5.70844	47.4785	-0.014063
1.76113	79.5584	84.2074	879.592	1225.82	12.3138	5.74094	48.0213	-0.011563
1.76213	80.2419	84.0706	883.247	1216.26	12.3484	5.78408	49.0082	-0.01375
1.76313	79.9685	84.0706	885.302	1207.25	12.4401	5.77469	49.1089	-0.013438
1.76413	79.9685	84.3442	882.581	1238.75	12.4972	5.77908	49.3043	-0.011563
1.76513	79.6951	84.0706	886.216	1234.84	12.5176	5.77531	48.9095	-0.011563
1.76613	79.0117	84.3442	878.906	1199.05	12.5828	5.77875	48.4161	-0.010938
1.76713	79.6951	84.2074	889.198	1211.07	12.5339	5.77375	47.8759	-0.011563

1.76813	79.6951	84.0708	890.391	1158.08	12.5787	5.78781	47.2318	-0.01125
1.76913	79.4217	84.2074	873.081	1185.12	12.5828	5.78858	46.7384	-0.011875
1.77013	79.6951	84.2074	879.592	1247.13	12.5502	5.78719	46.4423	-0.009083
1.77113	79.0117	83.9339	894.668	1203.84	12.5178	5.78719	46.2943	-0.014083
1.77213	79.4217	84.481	889.083	1205.61	12.5178	5.78594	46.541	-0.012813
1.77313	79.6951	84.3442	868.114	1221.18	12.4809	5.78719	46.541	-0.012188
1.77413	79.6951	84.0708	885.302	1185.4	12.4198	5.78719	46.3438	-0.012813
1.77513	80.1052	84.2074	877.878	1191.95	12.432	5.78875	46.0989	-0.012813
1.77613	79.285	84.0708	877.079	1195.78	12.432	5.7875	45.8985	-0.011563
1.77713	79.5584	84.0708	887.358	1188.49	12.3749	5.7875	45.7515	-0.012813
1.77813	80.1052	84.2074	885.531	1197.42	12.2241	5.78887	45.8985	-0.012188
1.77913	79.9685	84.0708	878.477	1212.99	12.2037	5.78887	45.7515	-0.011563
1.78013	79.6951	83.7971	880.734	1199.46	12.1059	5.78813	45.5541	-0.01375
1.78113	80.2419	84.2074	886.216	1199.6	11.9818	5.78219	45.7021	-0.012188
1.78213	79.6951	83.8803	890.1	1258.15	11.9632	5.78594	45.3587	-0.012188
1.78313	79.6951	84.481	897.981	1261.61	11.8817	5.78858	45.3587	-0.012188
1.78413	79.5584	84.3442	893.412	1276.08	11.682	5.78825	45.8008	-0.0125
1.78513	79.6951	84.3442	886.559	1266.94	11.5984	5.78844	45.8528	-0.012813
1.78613	79.285	84.0708	883.475	1227.46	11.5801	5.7375	46.3438	-0.011583
1.78713	79.1483	84.2074	877.079	1186.78	11.5475	5.71469	46.9851	-0.011875
1.78813	79.1483	84.3442	873.881	1150.43	11.4945	5.69562	47.8759	-0.014083
1.78913	79.6951	84.0708	876.708	1123.8	11.3926	5.71531	48.12	-0.011563
1.79013	79.6951	84.3442	880.505	1161.9	11.3926	5.78844	48.3174	-0.012813
1.79113	79.4217	84.0708	888.957	1181.44	11.7288	5.75344	47.7746	-0.011875
1.79213	79.8318	84.0708	884.16	1205.61	11.7635	5.75781	47.3305	-0.01
1.79313	79.285	83.5236	880.734	1222.55	11.8124	5.75219	48.889	-0.015
1.79413	79.4217	84.0708	887.929	1224.19	11.9306	5.75531	48.897	-0.014083
1.79513	79.4217	84.0708	891.013	1222.27	11.861	5.74969	47.3798	-0.012188
1.79613	79.4217	83.5236	893.412	1217.9	11.9551	5.75031	47.3305	-0.012813
1.79713	79.4217	83.7971	897.409	1208.82	12.1222	5.75219	47.972	-0.012813
1.79813	79.1483	83.3888	897.409	1202.2	12.1711	5.74687	48.3867	-0.012813
1.79913	79.4217	83.9339	892.612	1243.17	12.114	5.74719	48.2167	-0.014083
1.80013	79.4217	84.3442	897.866	1279.09	12.11	5.74625	47.8239	-0.012188
1.80113	79.9685	84.2074	899.922	1288.93	12.1426	5.75094	47.3305	-0.013125
1.80213	79.4217	84.481	891.889	1290.29	12.0892	5.74781	48.8864	-0.010313
1.80313	79.4217	84.0708	889.414	1258.08	12.1507	5.74719	46.7877	-0.011563
1.80413	79.1483	84.3442	887.016	1214.35	12.1752	5.74719	46.4916	-0.014083
1.80513	79.6951	84.0708	880.277	1178.57	12.0386	5.74781	47.0344	-0.011875
1.80613	79.5584	84.3442	877.079	1143.08	12.0892	5.74719	47.7253	-0.014375
1.80713	79.4217	84.2074	877.992	1149.07	12.0837	5.74594	47.6759	-0.011875
1.80813	79.0117	84.0708	886.216	1185.12	11.9958	5.74969	47.8266	-0.012813
1.80913	79.5584	84.2074	891.584	1200.42	11.8899	5.74844	47.3305	-0.012188
1.81013	79.9685	84.0708	885.988	1225.55	11.8328	5.74875	48.9357	-0.01125
1.81113	79.4217	84.2074	891.356	1231.02	11.576	5.74781	46.541	-0.012813
1.81213	79.0117	84.3442	897.181	1228.85	11.2051	5.74469	46.4423	-0.012813
1.81313	79.8318	84.481	897.181	1227.87	11.3826	5.74281	46.7384	-0.011583
1.81413	79.9685	84.2074	899.922	1218.72	11.2458	5.72531	47.0344	-0.013438
1.81513	79.6951	84.0708	900.836	1205.2	10.9524	5.70219	46.7384	-0.012813
1.81613	79.6951	84.481	896.323	1213.81	11.3355	5.68187	47.1825	-0.014083
1.81713	79.5584	84.481	897.067	1288.39	11.3396	5.68844	47.3305	-0.01125
1.81813	79.6951	84.3442	904.491	1281.41	11.2785	5.72158	46.837	-0.012188
1.81913	79.6951	84.3442	898.095	1293.57	11.4415	5.75281	46.2943	-0.012813

1.82013	79.1483	84.3442	890.558	1276.09	11.5516	5.73989	48.1956	-0.010625
1.82113	79.285	83.7971	888.957	1236.21	11.5149	5.74281	45.7515	-0.012188
1.82213	79.5584	84.481	884.16	1195.78	11.5882	5.74187	46.0475	-0.0125
1.82313	79.6951	84.2074	878.908	1158.78	11.629	5.73906	46.1482	-0.010313
1.82413	79.6951	84.8178	879.383	1130.9	11.6208	5.73989	46.2943	-0.013438
1.82513	79.6951	84.3442	882.581	1163.82	11.735	5.74084	46.541	-0.011875
1.82613	79.5584	84.0708	891.47	1182.39	11.735	5.73719	45.9488	-0.015838
1.82713	79.4217	83.5236	890.1	1205.34	11.6679	5.73438	45.8995	-0.012813
1.82813	79.4217	84.3442	890.785	1222.68	11.6857	5.73469	46.1482	-0.012188
1.82913	79.6951	84.3442	897.838	1221.45	11.8287	5.73688	45.5541	-0.0125
1.83013	79.4217	84.481	899.009	1219.27	11.6616	5.73812	45.3567	-0.011583
1.83113	79.9685	84.481	900.838	1214.83	11.6312	5.73344	45.8302	-0.013125
1.83213	79.5584	84.2074	902.892	1202.47	11.7757	5.73719	46.2449	-0.012813
1.83313	79.6951	84.8913	902.549	1192.64	11.8881	5.74084	46.3438	-0.012813
1.83413	79.1483	84.2074	898.095	1202.74	11.4945	5.74158	46.4423	-0.011875
1.83513	79.285	84.3442	898.039	1186.08	11.523	5.74408	46.1482	-0.012813
1.83613	79.5584	84.2074	891.242	1199.05	11.5964	5.74469	45.7515	-0.011583
1.83713	79.6951	84.8178	893.298	1172.28	11.47	5.74084	44.4182	-0.014063
1.83813	79.1483	84.2074	898.044	1149.07	11.3885	5.74469	44.1724	-0.014063
1.83913	79.4217	84.8178	891.876	1125.98	11.3681	5.74625	44.1724	-0.0125
1.84013	79.4217	84.0708	882.333	1101.28	11.3192	5.75219	43.2842	-0.014688
1.84113	79.4217	84.3442	882.104	1098.35	11.2295	5.75094	43.1362	-0.013438
1.84213	79.8318	84.3442	883.018	1157.4	11.2132	5.74969	42.7908	-0.013125
1.84313	79.6951	84.0708	899.922	1178.11	11.1317	5.73281	42.5441	-0.010313
1.84413	79.6951	84.3442	897.087	1184.09	10.9381	5.70687	42.1493	-0.012188
1.84513	79.5584	84.3442	882.904	1159.72	10.8382	5.6875	42.0013	-0.011875
1.84613	79.6951	83.5236	890.785	1130.22	10.9442	5.67656	42.0506	-0.012813
1.84713	79.4217	84.481	895.239	1115.74	10.9198	5.74125	42.1	-0.011583
1.84813	79.5584	84.3442	893.528	1125.3	10.9524	5.74469	41.4091	-0.014688
1.84913	79.285	84.2074	898.438	1134.31	11.0991	5.74281	42.8427	-0.012813
1.85013	79.6951	84.2074	901.179	1137.32	11.1843	5.74375	42.7414	-0.012813
1.85113	79.5584	84.3442	893.889	1153.71	11.2132	5.73719	42.5934	-0.012188
1.85213	79.9685	84.0708	890.214	1206.98	11.2948	5.74158	42.7414	-0.011583
1.85313	79.6951	84.3442	902.207	1218.31	11.3274	5.73844	42.3467	-0.010938
1.85413	79.6951	84.3442	900.493	1229.92	11.3681	5.73719	42.0013	-0.012813
1.85513	79.4217	84.0708	891.47	1213.26	11.4211	5.73408	42.7414	-0.011875
1.85613	79.5584	84.8178	899.188	1188.87	11.4945	5.72969	42.8995	-0.011583
1.85713	79.6951	84.2074	883.381	1124.75	11.3722	5.73281	43.3396	-0.011875
1.85813	79.6951	84.8178	874.109	1088.15	11.3558	5.72969	43.7777	-0.014063
1.85913	79.9685	84.481	872.987	1058.1	11.4497	5.72908	43.9751	-0.010313
1.86013	79.4217	83.7971	875.029	1088.7	11.3783	5.72844	44.0737	-0.014063
1.86113	79.0117	84.2074	867.587	1112.19	11.3192	5.73094	44.2711	-0.011875
1.86213	79.5584	83.8339	896.445	1133.09	11.2744	5.73082	43.9751	-0.011583
1.86313	79.6951	84.2074	882.333	1161.8	11.3437	5.73344	43.5903	-0.0125
1.86413	79.6951	84.3442	888.044	1162.48	11.2907	5.73187	43.2349	-0.012188
1.86513	79.6951	83.8803	890.558	1150.57	11.201	5.73187	42.9882	-0.013438
1.86613	79.5584	84.481	892.384	1147.43	11.1399	5.73344	43.3829	-0.013125
1.86713	79.5584	84.0708	895.354	1135.88	11.0602	5.73469	43.531	-0.012188
1.86813	79.4217	84.8178	895.354	1127.08	10.9483	5.73812	43.7283	-0.012813
1.86913	79.4217	84.0708	891.128	1181.77	10.8219	5.73969	43.9257	-0.012188
1.87013	79.5584	84.0708	894.097	1200.42	10.7849	5.73844	43.4818	-0.014063
1.87113	79.6951	84.0708	895.354	1209.44	10.7078	5.73875	43.3829	-0.01375

1.87213	79.6951	84.0706	885.646	1211.89	10.8141	5.72219	43.7777	-0.01125
1.87313	79.5584	84.0706	882.104	1179.83	10.5244	5.89489	42.5441	-0.013438
1.87413	79.1483	84.2074	890.277	1137.05	10.2594	5.87812	42.5934	-0.0125
1.87514	79.1483	84.6178	874.338	1098.8	10.1842	5.67084	42.9882	-0.011583
1.87614	79.5584	84.0706	889.789	1082.47	10.1898	5.73719	43.1382	-0.01125
1.87714	79.9885	84.3442	870.228	1080.83	10.1249	5.73889	43.4818	-0.012813
1.87814	79.5584	83.5236	876.622	1088.62	10.0864	5.73594	43.2842	-0.013438
1.87914	79.5584	84.3442	884.274	1111.64	10.2024	5.73489	43.2842	-0.0125
1.88014	79.0117	84.3442	880.277	1135.54	10.2106	5.73344	42.8921	-0.011873
1.88114	79.1483	84.3442	887.13	1141.42	10.2513	5.73125	42.3487	-0.010313
1.88214	79.6951	84.6178	891.356	1138.41	10.2798	5.73158	42.0013	-0.014063
1.88314	79.6951	84.3442	892.612	1136.23	10.3206	5.73219	42.7908	-0.011583
1.88414	79.4217	84.0706	893.983	1126.94	10.3491	5.72908	42.4947	-0.012188
1.88514	79.0117	84.3442	894.897	1115.33	10.3738	5.72719	42.5934	-0.011583
1.88614	79.5584	83.7971	892.156	1122.3	10.3899	5.72658	42.9882	-0.010313
1.88714	79.1483	84.2074	890.899	1176.62	10.341	5.72687	42.7908	-0.012188
1.88814	79.4217	83.9339	896.039	1188.13	10.4143	5.72594	42.398	-0.011583
1.88914	79.1483	84.0706	890.214	1200.01	10.4714	5.72719	41.9028	-0.014888
1.89014	79.4217	83.9339	881.419	1182.39	10.4268	5.72408	42.0013	-0.012813
1.89114	79.5584	84.0706	879.592	1141.14	10.394	5.72281	41.8038	-0.010938
1.89214	79.9885	84.481	876.051	1100.85	10.4103	5.72719	41.8038	-0.010313
1.89314	79.4217	83.7971	889.188	1083.02	10.4632	5.72719	42.4947	-0.011583
1.89414	79.6951	84.3442	867.689	1036.52	10.4082	5.72658	43.0888	-0.013125
1.89514	79.5584	84.3442	869.789	1088.78	10.398	5.72889	43.2349	-0.012188
1.89614	78.7383	84.3442	882.333	1088.15	10.4306	5.73719	43.1855	-0.012188
1.89714	79.5584	84.2074	880.734	1109.18	10.398	5.73408	42.8401	-0.012813
1.89814	79.6951	84.0706	880.048	1126.53	10.3817	5.73158	42.4947	-0.012813
1.89914	79.5584	84.3442	887.929	1127.49	10.3854	5.73058	42.5441	-0.01125
1.90014	78.875	84.3442	890.785	1125.71	10.3185	5.73489	42.8427	-0.010938
1.90114	79.1483	84.6178	891.242	1122.84	10.2757	5.72219	42.7908	-0.0125
1.90214	79.5584	83.5236	893.526	1111.1	10.2288	5.70344	43.3829	-0.010313
1.90314	79.9885	84.3442	894.897	1101.81	10.1575	5.68344	43.7283	-0.008688
1.90414	79.5584	83.7971	887.587	1113.96	10.129	5.67158	43.679	-0.0125
1.90514	79.6951	84.3442	886.102	1128.58	10.0882	5.73858	43.7777	-0.01125
1.90614	79.1483	84.2074	886.673	1133.22	9.94161	5.73837	43.1382	-0.013438
1.90714	79.4217	84.0706	882.561	1117.11	9.90075	5.73408	42.8401	-0.011873
1.90814	79.4217	83.7971	875.706	1093.61	9.93743	5.73812	42.2973	-0.011873
1.90914	79.1483	84.3442	874.109	1064.88	9.8926	5.73844	41.8038	-0.0125
1.91014	79.4217	84.6178	872.51	1048.54	9.95781	5.73858	41.9028	-0.011583
1.91114	79.4217	83.5236	871.596	1073.4	10.023	5.73594	41.7545	-0.013438
1.91214	79.5584	84.2074	881.191	1088.15	10.0556	5.73408	41.8038	-0.012188
1.91314	79.5584	83.9339	881.419	1102.83	10.1006	5.73375	41.2117	-0.012813
1.91414	79.4217	84.481	877.079	1096.48	10.1842	5.72889	41.1624	-0.010625
1.91514	79.4217	84.3442	875.023	1087.06	10.2798	5.72719	41.0144	-0.014375
1.91614	79.0117	84.0706	879.249	1073.87	10.1618	5.72594	41.4081	-0.012188
1.91714	79.5584	84.0706	881.647	1076.54	10.236	5.72719	41.8085	-0.013438
1.91814	79.4217	84.6178	884.389	1084.33	10.3247	5.72889	42.0508	-0.011583
1.91914	79.6951	84.481	887.473	1091.7	10.2757	5.72687	42.1988	-0.011873
1.92014	79.9885	84.3442	884.846	1096.62	10.235	5.72719	42.1988	-0.013125
1.92114	79.285	84.481	879.477	1116.56	10.3858	5.72625	42.4454	-0.0125
1.92214	79.4217	84.0706	882.79	1188.55	10.3573	5.72312	42.6921	-0.012188
1.92314	79.6951	84.3442	891.899	1172.28	10.2065	5.72312	42.5934	-0.012188

1.92414	79.8951	84.3442	883.361	1179.88	10.2757	6.72344	42.7414	-0.013438
1.92514	79.4217	84.0706	877.992	1155.35	10.345	6.72531	42.7908	-0.009063
1.92614	79.8951	84.481	874.909	1111.92	10.2065	6.72375	42.8398	-0.013125
1.92714	79.4217	84.2074	886.342	1072.58	10.1046	5.72856	43.2842	-0.0126
1.92814	79.285	84.0706	859.832	1038.8	10.1842	5.72856	43.9751	-0.013125
1.92914	79.5584	84.3442	859.718	1021.5	10.1005	5.72584	44.3698	-0.0126
1.93014	79.4217	84.0706	865.2	1061.11	10.0993	5.70937	44.5178	-0.011563
1.93114	79.4217	84.6178	875.251	1078.04	10.1209	5.68469	44.0737	-0.012813
1.93214	79.4217	84.2074	889.789	1103.45	9.95974	5.66594	43.7777	-0.011563
1.93314	79.8318	84.0706	889.312	1117.85	9.74588	5.64719	43.879	-0.012813
1.93414	79.5584	84.0706	874.794	1119.58	9.84369	5.70094	43.7777	-0.01125
1.93514	79.1483	84.2074	875.251	1118.81	9.81923	5.7325	43.9751	-0.011875
1.93614	79.4217	84.2074	878.906	1114.92	9.5013	5.72094	44.3205	-0.010313
1.93714	79.5584	84.0706	880.734	1105.83	9.46889	5.72281	44.7848	-0.010838
1.93814	79.8685	84.0706	878.708	1105.83	9.82958	5.72094	45.258	-0.011875
1.93914	79.5584	84.2074	878.165	1159.04	9.38271	5.72156	45.258	-0.012813
1.94014	79.4217	84.6178	881.847	1178.02	9.15075	5.71989	44.9819	-0.011563
1.94114	79.285	84.2074	877.764	1190.86	9.28119	5.71989	44.5872	-0.012188
1.94214	79.285	84.6178	889.789	1182.8	9.23635	5.71908	44.3698	-0.011875
1.94314	79.8951	84.0706	887.484	1147.15	8.92249	5.71344	43.9751	-0.011875
1.94414	79.4217	84.3442	882.918	1106.73	8.84532	5.71469	44.1724	-0.012813
1.94514	79.1483	84.481	858.748	1073.13	8.84097	5.71469	44.4885	-0.012188
1.94614	79.4217	84.0706	853.083	1041.99	8.87358	5.71312	44.7648	-0.012813
1.94714	79.1483	83.8339	853.893	1068.89	8.71889	5.71469	45.3074	-0.011563
1.94814	79.1483	84.6178	862.816	1092.52	8.80021	5.71408	45.0113	-0.014375
1.94914	79.1483	83.5238	860.631	1114.1	8.83282	5.71594	44.7152	-0.01125
1.95014	79.4217	83.5238	858.119	1135.54	8.81027	5.71858	44.8139	-0.010313
1.95114	79.4217	84.6178	864.286	1138	8.84097	5.71531	44.4885	-0.010938
1.95214	79.4217	84.6178	867.142	1138.82	8.84097	5.71582	44.3899	-0.011875
1.95314	79.4217	84.481	867.941	1138.23	8.99586	5.71531	44.8833	-0.012813
1.95414	79.8951	84.3442	869.789	1127.35	9.04885	5.71531	45.0606	-0.012188
1.95514	79.4217	84.6178	870.454	1118.47	8.88889	5.71344	45.1593	-0.012813
1.95614	79.8951	84.481	885.885	1154.26	8.81652	5.71489	45.5541	-0.011875
1.95714	79.1483	84.6178	869.54	1191.95	8.97956	5.71219	45.2067	-0.012188
1.95814	79.4217	84.3442	872.51	1201.79	8.97958	5.71376	44.9128	-0.010625
1.95914	79.4217	84.2074	862.23	1208.07	8.84913	5.71187	44.5178	-0.012813
1.96014	79.5584	84.2074	856.978	1179.93	8.89396	5.89408	44.4685	-0.013438
1.96114	79.285	84.6178	853.664	1140.67	9.00402	5.88989	44.7152	-0.012188
1.96214	79.1483	84.2074	848.753	1105.5	8.86543	5.84989	45.0113	-0.010838
1.96314	79.1483	84.481	843.727	1089.3	8.77983	5.83844	45.258	-0.011563
1.96414	79.1483	83.7971	842.357	1070.12	9.01217	5.89989	45.8995	-0.011875
1.96514	78.8016	84.3442	849.21	1107.27	8.97141	5.71844	45.8502	-0.015313
1.96614	79.5584	84.0706	852.885	1121.2	8.70848	5.70989	45.7515	-0.012188
1.96714	79.4217	84.481	845.889	1148.79	8.78798	5.71408	45.3587	-0.012813
1.96814	79.0117	84.3442	848.524	1155.89	8.81652	5.70989	45.3567	-0.010625
1.96914	79.1483	83.5238	854.892	1157.4	8.88978	5.70989	45.0606	-0.009688
1.97014	79.8951	84.3442	853.893	1157.28	8.6494	5.70989	45.4554	-0.01375
1.97114	79.5584	84.3442	856.52	1152.62	8.71889	5.71344	45.8488	-0.012188
1.97214	79.5584	84.0706	857.433	1139.91	8.58788	5.71156	46.6397	-0.012188
1.97314	79.1483	84.2074	854.92	1122.98	8.61679	5.70719	46.7384	-0.013125
1.97414	79.4217	84.3442	847.839	1156.44	8.60458	5.71156	46.689	-0.011563
1.97514	79.1483	84.2074	853.321	1158.9	8.44152	5.70594	46.0475	-0.013125

1.97614	79.4217	84.0706	852.293	1155.89	8.48228	5.70856	45.4554	-0.012813
1.97714	79.1483	83.5238	843.27	1141.55	8.38261	5.70989	44.8139	-0.011563
1.97814	79.1483	84.481	842.357	1116.42	8.24179	5.70844	44.3206	-0.013126
1.97914	79.1483	84.3442	842.585	1099.08	8.24179	5.70989	44.1231	-0.012188
1.98014	79.4217	84.0706	840.072	1130.49	8.28625	5.70844	43.8784	-0.011563
1.98114	79.6951	84.3442	846.011	1122.84	8.21328	5.70989	43.9751	-0.013438
1.98214	79.285	83.7971	841.214	1141.96	8.30701	5.71219	44.0737	-0.012813
1.98314	79.1483	84.6178	839.615	1139.23	8.33554	5.71031	43.7777	-0.011875
1.98414	78.875	83.9339	838.702	1125.3	8.32739	5.71344	43.679	-0.01125
1.98514	78.875	84.6178	837.217	1118.06	8.38446	5.71438	43.7777	-0.011563
1.98614	79.1483	84.3442	840.986	1118.2	8.40078	5.71344	43.8296	-0.011563
1.98714	79.1483	84.0706	844.184	1127.49	8.42522	5.71219	43.9751	-0.010938
1.98814	79.1483	84.2074	845.783	1140.87	8.40891	5.71344	44.3698	-0.012188
1.98914	79.4217	83.6803	843.042	1155.08	8.39888	5.71094	45.11	-0.010938
1.99014	79.1483	84.481	840.301	1155.08	8.40891	5.70125	45.0608	-0.014063
1.99114	79.6951	84.3442	840.072	1195.78	8.43744	6.87781	45.3587	-0.010313
1.99214	79.4217	84.481	849.866	1224.73	8.42522	5.85719	44.8139	-0.011875
1.99314	79.1483	84.0706	851.494	1228.01	8.40484	5.84344	44.9819	-0.012188
1.99414	79.1483	83.7971	840.529	1225.28	8.41299	5.86856	45.3074	-0.011563
1.99514	78.875	84.3442	836.648	1191.88	8.39888	6.71937	45.1593	-0.01375
1.99614	79.1483	84.3442	831.392	1148.79	8.36	6.70937	45.7515	-0.011563
1.99714	79.285	84.0706	824.787	1113.83	8.34369	5.71167	45.9982	-0.012188
1.99814	79.0117	83.7971	821.797	1079.41	8.3763	5.70989	46.7384	-0.011875
1.99914	78.7383	84.481	823.739	1089.78	8.31109	5.70844	46.9357	-0.011875
2.00014	79.6951	84.3442	831.392	1123.52	8.29071	5.70844	46.837	-0.012813
2.00114	78.6016	84.0706	832.534	1140.6	8.27848	5.70719	46.4423	-0.012188
2.00214	79.1483	84.2074	824.424	1164.81	8.25402	5.70584	46.0475	-0.010938
2.00314	78.6016	84.481	827.737	1170.65	8.22956	5.70281	45.8502	-0.013438
2.00414	79.1483	83.9339	832.077	1169.96	8.22549	5.69969	45.5541	-0.012188
2.00514	79.0117	84.3442	832.991	1170.82	8.20918	5.69844	46.3436	-0.012813
2.00614	79.1483	84.0706	835.648	1163.54	8.16027	5.69781	46.4916	-0.013125
2.00714	79.1483	84.3442	836.874	1154.53	8.14804	5.70156	46.9951	-0.010313
2.00814	79.1483	83.5238	833.105	1169.42	8.13174	5.69889	47.0838	-0.011563
2.00914	79.1483	84.481	832.077	1221.18	8.07467	5.70094	46.8864	-0.012188
2.01014	78.6016	84.2074	840.072	1230.74	8.01761	5.69889	46.3929	-0.014375
2.01114	79.0117	84.2074	832.191	1243.03	7.985	5.69889	46.0989	-0.0125
2.01214	79.1483	84.6178	824.881	1222.27	7.94832	5.69844	45.7021	-0.010938
2.01314	79.1483	84.481	822.597	1184.17	7.90348	5.69781	45.5541	-0.011563
2.01415	79.0117	84.2074	816.201	1145.38	7.85864	5.69719	45.258	-0.015625
2.01515	79.6951	84.2074	811.061	1111.37	7.8688	5.70156	45.8502	-0.014063
2.01615	79.6951	84.2074	808.348	1091.15	7.82804	5.7025	46.8397	-0.012188
2.01715	79.1483	84.2074	810.832	1127.35	7.74044	5.70281	46.3436	-0.011563
2.01815	78.6016	84.3442	818.599	1144.97	7.67522	5.70344	46.5803	-0.011563
2.01915	79.4217	84.3442	814.259	1170.82	7.69152	5.70406	46.9488	-0.011875
2.02015	79.1483	84.0706	812.203	1184.85	7.81	5.69969	46.0475	-0.010625
2.02115	79.1483	84.481	818.599	1184.85	7.51625	5.67989	45.8995	-0.012188
2.02215	79.1483	83.9339	819.97	1185.87	7.50403	5.65719	45.9488	-0.011875
2.02315	78.875	84.3442	820.427	1181.85	7.40212	5.63875	46.1482	-0.011875
2.02415	79.4217	84.2074	822.711	1171.08	7.25131	5.63887	46.4916	-0.011563
2.02515	78.875	84.3442	822.14	1165.18	7.18202	5.70313	46.541	-0.013438
2.02615	79.1483	85.0281	817.457	1209.16	7.24723	5.69656	46.6397	-0.012813
2.02715	79.1483	84.481	823.738	1239.78	7.34914	5.69875	46.7384	-0.010938

2.02915	78.875	84.481	825.452	1251.5	7.4082	5.89489	46.1482	-0.011563
2.02915	79.1483	83.8339	814.844	1250.27	7.22685	5.89594	45.8502	-0.013438
2.03015	78.1483	84.3442	811.289	1218.72	7.10457	5.89125	45.7515	-0.012188
2.03115	78.7383	84.0706	807.863	1181.57	7.3899	5.89159	45.9488	-0.012813
2.03215	79.1483	84.2074	802.495	1144.7	7.30022	5.88969	46.3438	-0.012188
2.03315	79.4217	83.8339	798.154	1109.73	7.16979	5.89082	46.541	-0.012813
2.03415	79.285	84.3442	797.469	1117.65	7.38174	5.88908	46.9357	-0.011563
2.03615	79.1483	84.3442	803.18	1151.52	7.29207	5.88875	47.2318	-0.011563
2.03615	79.0117	84.8178	804.55	1185.59	7.19832	5.88489	46.2449	-0.013438
2.03715	78.875	84.3442	798.497	1191.95	7.27577	5.88844	46.4918	-0.011875
2.03815	79.0117	84.8178	802.723	1198.87	7.32468	5.88969	46.541	-0.01125
2.03915	78.6016	84.8178	806.808	1197.14	7.27984	5.88781	46.0475	-0.014063
2.04015	79.1483	83.6603	807.406	1197.42	7.24316	5.89489	46.4423	-0.013438
2.04115	79.6951	84.2074	808.434	1187.58	7.28781	5.89158	46.541	-0.012813
2.04215	79.4217	84.2074	809.233	1158.58	7.25131	5.89489	47.0344	-0.012813
2.04315	78.875	84.0706	801.581	1153.44	7.18202	5.89344	46.9357	-0.011875
2.04415	79.0117	84.2074	801.238	1185.4	7.20947	5.89556	47.0344	-0.011563
2.04515	79.285	84.2074	808.091	1181.57	7.16979	5.89719	46.7384	-0.011875
2.04615	79.5584	84.2074	800.553	1185.87	7.16979	5.89562	45.9488	-0.012188
2.04715	79.1483	83.5236	795.299	1188.28	7.14533	5.89719	45.11	-0.015313
2.04815	79.0117	84.8178	798.555	1148.33	7.11272	5.89844	44.8833	-0.014063
2.04915	79.5584	84.3442	794.842	1178.84	7.06381	5.89969	44.7846	-0.0125
2.05015	78.6016	84.3442	801.238	1188.22	7.04751	5.89969	44.0737	-0.014063
2.05115	79.1483	84.2074	798.497	1155.35	7.06381	5.89594	44.3898	-0.012188
2.05215	79.1483	84.0706	798.847	1175.56	6.98859	5.88812	44.0737	-0.010313
2.05315	79.0117	84.3442	795.841	1156.71	6.97821	5.85219	44.1724	-0.012813
2.05415	78.6016	84.481	793.471	1147.56	6.94561	5.83082	44.1724	-0.011563
2.05515	79.1483	84.0706	787.76	1151.52	6.86001	5.82719	44.1724	-0.011563
2.05615	79.0117	84.8178	793.814	1150.3	6.79479	5.89969	44.1231	-0.012813
2.05715	79.1483	84.0706	797.812	1181.38	6.77034	5.89031	44.0244	-0.012813
2.05815	78.6016	84.3442	795.185	1181.03	6.7255	5.88908	44.1724	-0.01125
2.05915	79.0117	83.7971	793.814	1187.89	6.76628	5.89158	44.9819	-0.013126
2.06015	78.4649	84.0706	794.842	1182.12	6.76218	5.89084	45.5047	-0.012813
2.06115	79.5584	84.3442	793.814	1213.4	6.7418	5.88875	45.3587	-0.012813
2.06215	78.6016	84.3442	799.411	1247.68	6.8399	5.89082	45.1593	-0.013125
2.06315	79.0117	84.3442	805.807	1249.59	6.48671	5.88887	45.2087	-0.012813
2.06415	79.1483	84.3442	795.87	1250.68	6.44833	5.88469	45.1593	-0.011875
2.06515	79.1483	84.3442	790.273	1218.04	6.48501	5.88158	45.1593	-0.011563
2.06615	78.875	84.8178	785.933	1178.11	6.42387	5.87908	45.5541	-0.011563
2.06715	79.0117	84.0706	780.108	1139.51	6.28528	5.88313	46.0969	-0.011875
2.06815	79.1483	84.3442	776.587	1102.22	6.25875	5.87969	46.541	-0.012813
2.06915	79.1483	84.2074	777.024	1097.16	6.22414	5.88219	46.2943	-0.01375
2.07015	78.6016	84.0706	781.693	1137.87	6.28936	5.88344	46.6397	-0.012188
2.07115	79.5584	84.0706	788.847	1163.71	6.34843	5.88594	47.0344	-0.010625
2.07215	78.875	84.8178	778.966	1179.52	6.33827	5.88594	46.2449	-0.012813
2.07315	79.1483	84.0706	780.222	1186.78	6.30874	5.88908	46.0475	-0.011875
2.07415	79.1483	84.8178	785.704	1185.87	6.18869	5.88469	45.7515	-0.01125
2.07515	79.1483	84.2074	787.075	1187.58	6.22007	5.88781	45.8502	-0.012188
2.07615	78.6016	84.3442	790.816	1182.39	6.3342	5.88844	46.1482	-0.010625
2.07715	78.7383	84.0706	791.872	1171.88	6.31789	5.88719	46.4423	-0.012813
2.07815	78.875	84.8178	789.816	1172.56	6.28751	5.88908	46.7877	-0.012188
2.07915	78.875	84.8178	785.59	1222.27	6.33827	5.88937	46.837	-0.0125

2.08015	79.1483	84.8178	793.014	1242.76	6.25675	5.88844	46.2843	-0.012813
2.08115	79.0117	84.0706	792.558	1255.19	6.18336	5.88844	45.8896	-0.015313
2.08215	78.875	84.8178	785.59	1244.85	6.25268	5.88719	45.8896	-0.011563
2.08315	79.1483	84.2074	783.849	1209.16	6.35458	5.88408	45.4554	-0.013125
2.08415	79.1483	84.3442	779.651	1171.74	6.33827	5.84094	45.5047	-0.012813
2.08515	79.1483	84.3442	773.597	1135.95	6.36681	5.82344	45.5541	-0.012188
2.08615	79.1483	83.9339	771.541	1102.9	6.33827	5.81594	45.7515	-0.012813
2.08715	79.0117	84.0706	770.97	1121.48	6.29751	5.88908	46.1482	-0.012813
2.08815	79.1483	84.3442	777.024	1150.16	6.25675	5.88844	45.8488	-0.011563
2.08915	79.1483	84.3442	778.823	1189.42	6.25675	5.88489	45.7515	-0.011563
2.09015	79.1483	84.3442	773.826	1188.4	6.29751	5.88594	45.3587	-0.011875
2.09115	79.1483	84.0706	778.052	1188.67	6.35458	5.88344	44.9126	-0.011875
2.09215	79.1483	84.3442	780.45	1187.86	6.28936	5.88313	45.11	-0.012188
2.09315	79.0117	84.0706	781.138	1185.4	6.28121	5.88489	45.3587	-0.011875
2.09415	79.0117	83.9339	783.306	1176.86	6.32605	5.88344	45.5541	-0.013125
2.09515	78.7383	84.0706	783.877	1187.91	6.22414	5.88489	46.0969	-0.012813
2.09615	79.0117	84.3442	780.45	1183.07	6.21599	5.87781	45.9488	-0.012813
2.09715	79.4217	84.8178	781.138	1234.7	6.28121	5.87969	45.8502	-0.01125
2.09815	79.1483	84.3442	788.448	1248.04	6.19969	5.87969	45.0808	-0.013438
2.09915	79.1483	84.0706	782.821	1256.42	6.18746	5.87344	44.7848	-0.010938
2.10015	78.875	84.8178	777.838	1230.74	6.25675	5.87406	44.8859	-0.011563
2.10115	78.875	84.8178	775.198	1191.82	6.09779	5.87489	44.7848	-0.010938
2.10215	79.1483	84.0706	772.455	1164.67	6.14262	5.87844	44.7848	-0.009125
2.10315	79.1483	84.2074	765.802	1118.29	6.18336	5.87656	45.3074	-0.013438
2.10415	79.1483	84.8178	764.003	1093.89	6.05295	5.87844	45.3587	-0.012188
2.10515	79.1483	84.0706	765.802	1128.85	6.05702	5.87969	45.6528	-0.014688
2.10615	79.4217	84.0706	774.054	1146.61	6.13447	5.88281	45.3587	-0.013125
2.10715	79.1483	84.0706	771.884	1170.37	6.04072	5.87969	45.11	-0.011563
2.10815	79.4217	84.3442	770.97	1184.03	5.96328	5.87969	45.0606	-0.012813
2.10915	79.0117	84.2074	776.567	1182.53	5.96328	5.87969	44.8833	-0.012813
2.11015	79.0117	84.2074	778.851	1182.12	5.90821	5.87908	44.8833	-0.010313
2.11115	78.875	84.8178	780.45	1178.29	5.88583	5.87969	45.3074	-0.010825
2.11215	79.4217	84.2074	782.735	1183.41	5.84915	5.87908	45.5541	-0.012188
2.11315	79.1483	84.8178	783.306	1184.5	5.84507	5.87908	45.7021	-0.012188
2.11415	79.1483	83.7971	779.994	1193.86	5.73502	5.88781	45.8528	-0.013438
2.11515	79.0117	84.0706	783.849	1226.92	5.75947	5.84156	45.5541	-0.012813
2.11615	78.4649	84.0706	784.334	1233.47	5.73502	5.82908	44.5972	-0.012813
2.11715	79.1483	84.3442	778.395	1240.3	5.6861	5.81031	44.1724	-0.011875
2.11815	79.1483	84.8178	776.795	1211.07	5.89018	5.85312	43.5803	-0.011563
2.11915	79.0117	84.8178	772.798	1172.89	5.88203	5.89344	43.3829	-0.012813
2.12015	79.0117	84.481	785.831	1141.14	5.59643	5.88489	43.4816	-0.011563
2.12115	79.4217	84.2074	786.859	1192.5	5.59643	5.88825	43.531	-0.011875
2.12215	78.3283	84.2074	781.707	1153.16	5.65159	5.87969	43.3829	-0.013438
2.12315	79.1483	84.3442	763.204	1115.06	5.40893	5.87969	43.3829	-0.013438
2.12415	78.875	84.3442	744.358	1075.86	5.2785	5.87969	42.9882	-0.009688
2.12515	78.875	84.8178	756.485	1082.89	6.31111	5.87908	42.9882	-0.011563
2.12615	79.4217	84.3442	771.998	1127.21	6.24589	5.87719	42.9882	-0.012188
2.12715	79.4217	84.3442	776.567	1157.81	6.2082	5.87562	42.4947	-0.010938
2.12815	79.0117	83.9803	773.712	1181.98	6.21328	5.87489	42.5441	-0.011563
2.12915	79.1483	84.2074	776.91	1186.98	5.14806	5.87219	42.7414	-0.011875
2.13015	79.1483	84.8178	769.143	1152.07	5.04209	5.87082	42.8895	-0.011875
2.13115	79.0117	84.2074	763.204	1139.23	5.08285	5.87219	43.5803	-0.012188

2.13215	78.7383	84.481	771.998	1178.18	5.01783	5.67408	43.531	-0.012188
2.13315	79.1483	84.2074	788.359	1201.79	5.00133	5.67312	43.3829	-0.012188
2.13415	79.0117	84.8178	784.448	1218.04	4.97687	5.67469	43.4816	-0.012188
2.13515	78.7383	84.0706	774.168	1210.53	4.98484	5.67406	43.531	-0.010825
2.13615	78.7383	84.3442	770.171	1176.11	4.98872	5.67406	43.3829	-0.011583
2.13715	79.1483	83.7971	766.744	1137.18	4.95241	5.67406	43.8764	-0.012813
2.13815	79.1483	84.2074	760.919	1096.35	4.94426	5.67344	43.9257	-0.012188
2.13915	78.1483	84.3442	758.891	1061.52	4.93611	5.67969	43.7777	-0.012188
2.14015	78.8016	84.2074	764.232	1076.13	4.9198	5.67656	43.5803	-0.012813
2.14115	78.875	84.3442	773.826	1105.22	4.91185	5.67906	43.679	-0.011583
2.14215	78.8016	84.3442	773.483	1121.2	4.92796	5.67969	42.9682	-0.012188
2.14315	78.3283	84.2074	765.945	1140.05	4.91573	5.67669	42.3467	-0.012188
2.14415	79.285	84.0706	770.828	1141.96	4.9198	5.68344	42.1	-0.012188
2.14515	79.1483	84.3442	773.826	1138.41	4.8872	5.67719	42.0013	-0.012813
2.14615	79.0117	84.3442	778.91	1137.32	4.9198	5.65969	42.1885	-0.009063
2.14715	79.1483	84.481	778.395	1127.21	4.84844	5.63937	42.1493	-0.013438
2.14815	79.1483	84.6178	778.395	1116.42	4.87089	5.62219	42.6821	-0.011583
2.14915	78.875	84.2074	773.389	1129.12	4.8872	5.62094	42.7906	-0.012813
2.15015	79.0117	84.3442	771.541	1180.48	4.78937	5.68969	42.5441	-0.012813
2.15115	79.0117	83.7971	778.28	1186.63	4.78937	5.68094	42.1	-0.014063
2.15215	78.875	83.9339	772.113	1190.19	4.80587	5.67906	41.8532	-0.012188
2.15315	78.875	84.481	767.43	1174.2	4.73838	5.67781	41.8039	-0.010625
2.15415	78.7383	84.3442	765.716	1133.91	4.75676	5.67594	41.5075	-0.011583
2.15515	78.8016	84.3442	761.033	1096.62	4.75676	5.67594	41.5572	-0.012813
2.15615	78.7383	84.481	755.323	1057.28	4.72415	5.67344	41.9026	-0.013438
2.15715	79.1483	84.3442	754.409	1031.33	4.718	5.67344	41.9519	-0.010313
2.15815	79.0117	84.3442	757.835	1064.11	4.67932	5.67408	42.1483	-0.011875
2.15915	79.1483	84.2074	768.744	1082.41	4.62633	5.67408	42.396	-0.011583
2.16015	79.285	84.0706	764.803	1104.4	4.61002	5.67094	41.6559	-0.012813
2.16115	78.875	84.3442	765.259	1117.11	4.59372	5.67188	41.4585	-0.014063
2.16215	79.0117	83.7971	770.513	1114.92	4.58149	5.67281	41.2611	-0.013125
2.16315	78.875	84.481	772.684	1112.73	4.58557	5.67281	41.2117	-0.012188
2.16415	78.7383	84.2074	774.74	1108.91	4.58572	5.67408	41.9104	-0.011583
2.16515	78.0549	84.0706	777.481	1097.98	4.5285	5.66844	41.7545	-0.012188
2.16615	78.7383	84.0706	777.252	1091.58	4.5285	5.67125	41.9026	-0.011583
2.16715	78.875	84.3442	773.587	1133.22	4.47551	5.67125	42.0013	-0.013438
2.16815	78.3283	83.9339	780.679	1174.47	4.43068	5.67094	41.7545	-0.008125
2.16915	79.1483	84.2074	781.136	1168.73	4.40622	5.66969	41.6065	-0.014063
2.17015	78.875	84.2074	767.43	1165.05	4.38992	5.66906	41.4091	-0.011583
2.17115	78.875	84.0706	785.945	1129.67	4.38176	5.67469	41.3598	-0.011583
2.17215	79.1483	84.6178	765.259	1094.3	4.38992	5.67375	41.1624	-0.011583
2.17315	78.875	84.6178	758.434	1077.09	4.34916	5.67469	41.2117	-0.012188
2.17415	78.3283	84.3442	761.033	1120.88	4.28801	5.67562	41.8559	-0.012813
2.17515	78.8016	84.6178	774.74	1050.86	4.31247	5.67219	41.7052	-0.012813
2.17615	79.1483	84.0706	751.896	1028.46	4.20849	5.67082	41.7052	-0.012813
2.17715	79.1483	84.0706	741.16	1012.62	4.16981	5.66406	41.7052	-0.011583
2.17815	79.1483	83.9339	761.033	1054.55	4.1535	5.63094	41.0637	-0.011683
2.17915	79.1483	84.0706	781.136	1080.5	4.14535	5.61219	40.965	-0.007813
2.18015	78.8016	84.3442	775.882	1113.14	4.09236	5.58219	40.6198	-0.012813
2.18115	78.875	84.6178	775.196	1110.96	4.06876	5.63469	40.617	-0.011583
2.18215	78.875	84.0706	779.879	1096.89	4.05876	5.67969	40.617	-0.011583
2.18315	79.6951	84.0706	772.798	1081.59	4.02307	5.66563	40.6198	-0.012813

2.18416	79.1483	84.481	768.116	1074.77	3.98861	5.67158	40.7183	-0.011583
2.18516	78.8018	84.3442	777.938	1118.47	3.98639	5.67406	40.6188	-0.010313
2.18616	78.875	84.8913	791.872	1138.41	3.97416	5.67488	40.0788	-0.012813
2.18716	78.8018	84.2074	779.994	1156.99	3.92932	5.67344	39.9781	-0.010625
2.18816	78.875	84.3442	785.831	1143.47	3.89284	5.67281	39.9781	-0.012188
2.18916	78.875	84.481	784.003	1108.45	3.83557	5.68937	40.0276	-0.011583
2.19016	79.1483	84.3442	780.12	1087.25	3.79481	5.67084	40.1262	-0.010938
2.19116	79.1483	84.2074	754.868	1025.8	3.76628	5.68812	40.4222	-0.011875
2.19216	78.875	84.3442	754.409	890.494	3.70921	5.68719	40.885	-0.012613
2.19316	78.875	84.6178	758.807	1017.67	3.71737	5.68594	40.4718	-0.012813
2.19416	79.1483	83.7971	765.831	1042.12	3.68068	5.68719	40.5209	-0.012813
2.19516	78.875	84.6178	763.775	1059.74	3.63177	5.68844	40.4222	-0.012188
2.19616	78.875	84.0706	780.12	1075.04	3.61547	5.68687	39.9781	-0.013125
2.19716	79.1483	84.6178	769.029	1078.13	3.58508	5.68719	39.9781	-0.012813
2.19816	78.7383	84.3442	774.283	1075.04	3.51784	5.68344	39.7314	-0.011875
2.19916	78.875	84.6178	775.998	1078.13	3.48503	5.68437	39.9781	-0.011875
2.20016	78.875	84.3442	778.737	1087.94	3.46873	5.68408	40.3235	-0.0125
2.20116	79.1483	84.481	770.785	1080.01	3.43612	5.68658	40.5209	-0.01125
2.20216	78.875	84.0706	776.11	1087.8	3.38313	5.68625	40.4222	-0.010938
2.20316	78.8018	84.0706	777.938	1131.86	3.3709	5.68906	40.4718	-0.011875
2.20416	79.1483	83.5238	782.735	1139.78	3.35052	5.67082	40.3235	-0.01125
2.20516	78.3283	84.2074	774.74	1143.88	3.33422	5.68989	39.8301	-0.012813
2.20616	78.7383	84.3442	771.085	1112.73	3.33014	5.68812	39.5834	-0.01125
2.20716	78.875	84.481	787.201	1071.21	3.30568	5.68488	39.534	-0.012188
2.20816	78.875	84.3442	780.577	1039.52	3.32199	5.68844	39.8301	-0.012188
2.20916	78.3283	84.2074	758.008	997.186	3.22416	5.65937	39.9781	-0.012188
2.21016	79.4217	84.3442	758.236	986.533	3.23232	5.63281	40.0788	-0.012813
2.21116	79.1483	84.0706	761.378	1024.78	3.28938	5.61489	38.8288	-0.013125
2.21216	79.1483	84.0706	770.399	1037.89	3.21801	5.59489	38.8288	-0.008688
2.21316	78.875	84.481	785.831	1090.83	3.19971	5.59837	39.238	-0.013438
2.21416	79.4217	84.6178	788.115	1088.48	3.22009	5.68868	39.238	-0.012813
2.21516	79.4217	83.9339	774.511	1083.84	3.25677	5.65219	39.4353	-0.010938
2.21616	78.875	84.3442	776.587	1085.96	3.20788	5.65344	39.238	-0.012188
2.21716	78.875	84.481	782.392	1058.51	3.22009	5.65094	39.6821	-0.012188
2.21816	78.8018	84.0706	778.395	1046.63	3.24862	5.64906	39.6821	-0.012813
2.21916	78.875	84.3442	775.425	1042.12	3.19156	5.64844	39.7314	-0.011583
2.22016	78.875	84.0706	779.785	1094.98	3.14264	5.65489	39.4353	-0.011583
2.22116	78.875	84.6178	787.189	1113.28	3.14672	5.65875	39.3386	-0.014063
2.22216	79.285	84.6178	779.308	1158.86	3.08965	5.65719	39.0408	-0.012188
2.22316	78.7383	84.0706	779.308	1150.16	3.08965	5.65219	38.5663	-0.012813
2.22416	79.0117	84.3442	774.511	1088.21	3.07743	5.65219	38.7939	-0.014376
2.22516	78.8018	84.481	749.84	1057.01	3.08965	5.65582	39.1393	-0.012813
2.22616	79.4217	83.9339	761.033	1023.14	3.10188	5.65489	39.6327	-0.012813
2.22716	78.875	84.3442	789.488	991.996	3.11003	5.65719	40.3235	-0.011875
2.22816	78.8018	84.0706	758.292	1034.34	3.08927	5.65869	41.3104	-0.0125
2.22916	79.1483	84.3442	787.201	1086.61	3.08927	5.65937	41.4091	-0.015313
2.23016	78.875	84.0706	776.587	1072.17	3.08965	5.66168	41.6085	-0.011875
2.23116	78.875	84.0706	784.888	1085.42	3.03666	5.65908	41.3104	-0.011583
2.23216	78.875	84.0706	784.888	1078.04	3.01221	5.65989	40.8663	-0.011583
2.23316	78.875	84.481	774.74	1050.45	2.97552	5.65875	40.2249	-0.0125
2.23416	78.875	84.481	779.308	1048.4	2.9796	5.66489	39.4353	-0.012813
2.23516	78.875	84.2074	778.395	1059.06	2.94699	5.66489	38.6952	-0.01375

2.23616	79.1483	83.9339	783.42	1058.24	2.94699	5.66999	38.103	-0.012813
2.23716	78.0549	84.2074	783.649	1096.35	2.93099	5.67199	38.4484	-0.01125
2.23816	78.8016	83.9339	782.983	1149.34	2.94699	5.67219	37.4615	-0.012813
2.23916	79.285	83.9339	787.189	1147.15	2.94699	5.67375	37.3629	-0.012188
2.24016	78.8016	84.2074	779.194	1139.23	2.92253	5.67094	37.0688	-0.012188
2.24116	78.875	84.2074	772.684	1105.91	2.93884	5.67094	37.4615	-0.010625
2.24216	78.8016	84.2074	771.656	1058.74	2.82878	5.64719	37.3629	-0.011875
2.24316	78.875	84.0706	767.315	1034.61	2.82471	5.62469	37.7083	-0.013438
2.24416	78.8016	84.481	765.831	993.499	2.82471	5.60625	37.807	-0.011563
2.24516	78.875	84.2074	760.12	967.958	2.84101	5.59781	37.8583	-0.010313
2.24616	78.3283	84.3442	757.721	997.48	2.78802	5.66406	37.2842	-0.014688
2.24716	79.1483	84.8178	769.942	1014.94	2.7921	5.66812	37.5802	-0.013125
2.24816	79.1483	84.2074	771.77	1044.44	2.77987	5.66781	37.6096	-0.012188
2.24916	78.8016	84.3442	773.141	1052.09	2.73504	5.66469	37.2842	-0.013125
2.25016	79.0117	84.3442	777.709	1083.37	2.71873	5.66781	37.0688	-0.011875
2.25116	79.5584	84.3442	788.39	1057.58	2.68205	5.66469	37.1655	-0.012813
2.25216	79.1483	83.5236	778.537	1042.26	2.70243	5.66531	37.7083	-0.012188
2.25316	79.0117	84.3442	775.196	1058.51	2.62091	5.66313	37.8583	-0.010938
2.25416	78.4649	84.8178	789.359	1031.88	2.63721	5.65989	38.3498	-0.010938
2.25516	78.8016	84.0706	782.735	1061.18	2.61683	5.66219	37.8583	-0.012188
2.25616	79.1483	83.6603	782.983	1103.45	2.58015	5.65869	37.807	-0.010938
2.25716	78.7383	84.481	786.618	1113.01	2.5027	5.65584	36.8694	-0.012813
2.25816	78.875	84.481	779.184	1101.28	2.50678	5.65781	37.1655	-0.012813
2.25916	78.8016	84.6178	769.257	1072.86	2.47417	5.65989	36.8694	-0.012813
2.26016	78.8016	84.2074	768.516	1024.78	2.48455	5.66313	36.4253	-0.01125
2.26116	78.875	84.3442	764.46	974.824	2.48602	5.66469	36.524	-0.012188
2.26216	78.875	83.7971	758.292	946.105	2.47417	5.66344	36.524	-0.011563
2.26316	78.7383	84.3442	758.977	972.738	2.47417	5.66406	36.1292	-0.013438
2.26416	78.7383	84.8178	775.196	994.182	2.45786	5.66469	36.1292	-0.010938
2.26516	78.875	84.0706	777.481	1017.95	2.42528	5.66084	35.8332	-0.012188
2.26616	79.0117	84.3442	772.684	1034.88	2.40895	5.66313	35.4678	-0.012188
2.26716	78.875	84.2074	778.385	1025.05	2.40895	5.66469	35.1423	-0.011875
2.26816	78.4649	84.3442	781.621	1016.72	2.34373	5.66094	34.8958	-0.012813
2.26916	79.0117	84.2074	783.306	1016.85	2.38857	5.66187	35.6358	-0.013125
2.27016	78.875	84.481	789.359	1005.83	2.37634	5.66094	35.8825	-0.010938
2.27116	78.7383	84.3442	790.958	1005.11	2.36004	5.65869	35.6358	-0.011875
2.27216	78.875	84.8178	789.818	1042.12	2.37634	5.66187	35.3891	-0.012188
2.27316	78.875	84.481	793.7	1076.58	2.37634	5.65531	35.093	-0.011875
2.27416	79.0117	84.0706	792.443	1078.88	2.33558	5.64094	34.8463	-0.012188
2.27516	78.875	84.6178	781.136	1068.76	2.33151	5.62094	34.7969	-0.011875
2.27616	78.875	84.481	777.138	1039.53	2.3152	5.60469	34.6982	-0.012188
2.27716	79.1483	84.3442	775.882	996.367	2.32743	5.66906	34.6982	-0.012188
2.27816	78.3283	84.0706	786.516	962.904	2.31113	5.68437	34.8958	-0.011875
2.27916	78.875	84.0706	761.033	928.822	2.23776	5.66082	34.8958	-0.014688
2.28016	78.3283	84.3442	761.947	938.544	2.26221	5.66437	35.6851	-0.013438
2.28116	78.875	84.2074	769.714	979.338	2.24998	5.66469	36.7707	-0.012813
2.28216	78.875	84.481	776.795	1001.83	2.24183	5.66437	36.4747	-0.013438
2.28316	79.5584	84.2074	775.196	1025.32	2.22553	5.66469	36.9881	-0.012813
2.28416	78.8016	84.8178	778.623	1022.46	2.2133	5.66219	36.8694	-0.012813
2.28516	78.8016	84.3442	780.585	1007.57	2.197	5.66219	36.8188	-0.010938
2.28616	78.875	84.3442	780.45	989.538	2.13178	5.66094	36.4747	-0.012188
2.28716	78.875	84.0706	781.935	977.782	2.1114	5.65969	36.1292	-0.011563

2.28816	79.1483	84.481	785.704	978.475	2.05841	5.85812	35.8825	-0.012813
2.28916	78.875	84.0706	785.704	988.825	2.05433	5.85806	35.2804	-0.011583
2.29016	78.875	84.3442	787.889	1033.52	2.0085	5.85825	34.4515	-0.012813
2.29116	79.0117	84.8178	785.478	971.782	2.0085	5.86281	34.5998	-0.014063
2.29217	79.1483	84.2074	783.204	989.285	1.99319	5.86158	34.6958	-0.012813
2.29317	78.875	84.481	773.94	940.095	1.97281	5.86158	34.1061	-0.012188
2.29417	78.8016	84.481	776.11	899.12	1.92798	5.86375	33.81	-0.014063
2.29517	78.875	84.481	760.12	882.321	1.90352	5.86489	33.9087	-0.0125
2.29617	78.8016	84.3442	760.919	851.18	1.85461	5.86489	34.1061	-0.0125
2.29717	79.285	83.5236	764.232	834.107	1.80569	5.86437	33.6127	-0.011583
2.29817	78.4849	84.3442	763.432	864.155	1.822	5.86719	33.3188	-0.012813
2.29917	78.875	84.3442	773.389	861.687	1.78124	5.86781	32.8258	-0.01375
2.30017	78.8016	84.8178	776.795	866.341	1.78901	5.86906	32.5271	-0.012188
2.30117	78.875	84.8178	780.222	863.609	1.74048	5.86989	32.2804	-0.010625
2.30217	78.8016	84.8178	779.785	859.238	1.71195	5.87469	32.231	-0.013438
2.30317	79.0117	84.2074	781.821	860.741	1.69972	5.87469	32.7245	-0.011583
2.30417	78.875	84.8178	788.674	864.565	1.87528	5.87406	32.6751	-0.013438
2.30517	78.8016	84.3442	791.187	865.521	1.84285	5.87469	33.1192	-0.013438
2.30617	78.875	84.0706	788.448	866.341	1.8345	5.84989	32.8232	-0.01375
2.30717	78.875	84.0706	787.989	904.037	1.81004	5.83344	33.1192	-0.011875
2.30817	78.8016	84.8178	794.271	907.725	1.82835	5.81158	33.0205	-0.012813
2.30917	79.0117	84.2074	787.78	902.125	1.55298	5.59469	33.1192	-0.012813
2.31017	78.4849	84.3442	776.795	883.55	1.55705	5.86375	33.1192	-0.011583
2.31117	78.4849	84.3442	772.912	849.404	1.52852	5.87344	33.1886	-0.012188
2.31217	78.875	84.3442	771.085	818.947	1.52037	5.88875	33.1192	-0.011875
2.31317	79.0117	85.0281	782.881	902.284	1.50814	5.88908	33.6127	-0.013438
2.31417	79.1483	84.3442	760.12	822.908	1.52037	5.86844	34.4022	-0.012188
2.31517	78.875	84.481	775.853	888.799	1.49591	5.88812	34.1555	-0.012813
2.31617	79.0117	84.2074	787.418	873.17	1.49989	5.88889	34.4022	-0.011583
2.31717	79.0117	84.0706	772.798	884.916	1.48778	5.87219	34.5009	-0.013438
2.31817	79.1483	84.0706	771.085	887.848	1.50814	5.88844	34.8943	-0.012813
2.31917	78.8016	84.8178	782.983	880.955	1.45108	5.88658	35.4384	-0.012813
2.32017	78.875	84.481	785.59	887.848	1.45108	5.86719	35.8825	-0.010938
2.32117	79.1483	83.7971	788.847	901.852	1.43885	5.88825	36.376	-0.01125
2.32217	78.7383	84.3442	792.9	904.584	1.38809	5.88584	37.1855	-0.011875
2.32317	78.875	84.0706	793.928	913.325	1.41847	5.88469	37.4122	-0.008438
2.32417	78.875	84.2074	784.334	967.138	1.39401	5.88812	37.4615	-0.014063
2.32517	78.875	84.2074	792.329	982.709	1.38994	5.87219	37.955	-0.013438
2.32617	79.5584	84.481	792.9	981.343	1.36956	5.87084	37.807	-0.011875
2.32717	78.8016	84.3442	781.022	975.333	1.30026	5.88889	37.4615	-0.011583
2.32817	78.8016	84.3442	776.795	945.285	1.27581	5.88844	37.9057	-0.012813
2.32917	78.4849	84.0706	774.397	905.287	1.28765	5.87094	37.7578	-0.01375
2.33017	78.3283	84.0706	785.374	878.175	1.23605	5.87158	38.1524	-0.012188
2.33117	78.875	84.3442	760.805	853.912	1.21059	5.88844	38.2017	-0.013125
2.33217	79.1483	84.2074	764.117	884.779	1.21874	5.88889	38.3498	-0.0125
2.33317	78.875	84.0706	778.28	908.223	1.18206	5.87344	38.2511	-0.012188
2.33417	79.0117	83.7971	779.194	931.354	1.16983	5.87658	38.2511	-0.010313
2.33517	79.1483	84.3442	778.224	955.119	1.13722	5.87531	38.1524	-0.015313
2.33617	78.8016	84.0706	785.59	959.826	1.13314	5.87719	38.7445	-0.014375
2.33717	78.875	83.8803	788.788	959.763	1.10054	5.87158	38.8432	-0.012188
2.33817	78.875	84.8178	788.903	955.885	1.10461	5.85219	38.9912	-0.013125
2.33917	78.3283	84.2074	792.872	945.558	1.04755	5.82844	39.0408	-0.011875

2.34017	78.7383	84.3442	794.842	940.641	1.01901	5.80908	39.3388	-0.013125
2.34117	79.1483	84.3442	793.014	900.83	0.988407	5.80989	39.3388	-0.012813
2.34217	78.875	84.3442	800.098	1018.31	0.933418	5.88344	39.0406	-0.012188
2.34317	78.875	84.0706	798.383	1025.8	0.937494	5.88989	38.8925	-0.012188
2.34417	78.875	84.8178	785.704	1020.13	0.888581	5.87188	38.3991	-0.012188
2.34517	78.8018	84.481	782.735	987.826	0.888581	5.86989	38.1524	-0.008438
2.34617	79.1483	84.0706	777.708	947.197	0.888201	5.86719	38.2511	-0.014063
2.34717	78.875	84.3442	771.998	912.915	0.843744	5.88408	39.0406	-0.011583
2.34817	78.8018	84.8178	788.914	888.008	0.802884	5.88844	38.8419	-0.010938
2.34917	79.1483	84.3442	771.085	912.779	0.778527	5.88989	39.0406	-0.012188
2.35017	78.875	84.3442	782.735	938.183	0.754071	5.88856	39.0406	-0.013438
2.35117	79.1483	84.3442	781.821	958.397	0.69283	5.88856	39.0406	-0.011875
2.35217	78.8018	84.3442	777.708	980.933	0.729615	5.88489	39.0406	-0.012188
2.35317	78.875	83.8339	788.38	984.348	0.690702	5.88219	39.3388	-0.012813
2.35417	78.8018	84.2074	791.872	987.079	0.635885	5.85989	39.4847	-0.010938
2.35517	78.875	84.3442	793.471	988.398	0.623837	5.88158	39.8301	-0.012188
2.35617	78.3283	84.3442	795.758	979.431	0.591029	5.88219	40.3729	-0.010313
2.35717	79.1483	83.7971	795.758	973.421	0.599181	5.88531	40.1262	-0.014063
2.35817	78.875	84.3442	791.844	1017.4	0.582496	5.88594	40.985	-0.012188
2.35917	78.8018	84.3442	787.826	1047.04	0.568572	5.88812	40.4222	-0.0125
2.36017	79.1483	84.481	787.583	1055.37	0.533984	5.87084	39.9288	-0.012188
2.36117	78.8018	84.0706	787.76	1056.19	0.513584	5.87084	40.2249	-0.010938
2.36217	79.0117	84.3442	783.877	1025.87	0.485051	5.88825	40.2249	-0.011583
2.36317	79.0117	84.3442	780.222	987.216	0.488747	5.87156	40.2249	-0.012813
2.36417	79.285	84.3442	774.511	952.387	0.427888	5.87219	40.817	-0.012813
2.36517	78.4649	84.3442	770.828	922.476	0.387228	5.87312	40.985	-0.011583
2.36617	79.4217	84.3442	772.227	841.188	0.370821	5.87188	41.3588	-0.011583
2.36717	78.875	84.3442	785.248	968.87	0.342389	5.87887	41.4091	-0.008375
2.36817	78.3283	84.3442	785.704	988.172	0.322009	5.87887	41.4091	-0.014375
2.36917	78.8018	84.3442	781.478	1011.94	0.2884	5.88156	41.1131	-0.012813
2.37017	79.0117	83.7971	788.903	1018.03	0.2884	5.83719	41.1131	-0.011583
2.37117	78.875	84.3442	794.385	1018.58	0.28902	5.81989	41.4091	-0.010938
2.37217	79.0117	83.7971	795.758	1019.31	0.224183	5.80781	41.4091	-0.013125
2.37317	78.1483	84.0706	789.411	1012.78	0.207879	5.88781	41.7545	-0.0125
2.37417	79.4217	84.0706	800.098	1004.84	0.211955	5.87781	42.1986	-0.012813
2.37517	79.0117	83.7971	795.758	1040.62	0.142882	5.87281	42.1986	-0.012188
2.37617	78.875	84.0706	800.667	1078.04	0.128358	5.87375	42.1493	-0.012813
2.37717	78.7383	84.8178	802.723	1083.78	0.110054	5.87188	42.0013	-0.01125
2.37817	79.1483	84.0706	792.788	1088.7	0.097825	5.87281	41.5572	-0.010313
2.37917	78.7383	84.481	788.103	1080.58	0.052889	5.87438	41.7052	-0.011875
2.38017	78.875	84.8178	783.849	1005.11	0.061141	5.88989	41.9026	-0.013125
2.38117	78.875	84.2074	771.884	950.202	0.038885	5.88812	42.396	-0.011583
2.38217	78.875	84.0706	763.548	923.022	-0.004078	5.87125	42.2973	-0.012813
2.38317	78.8018	84.2074	772.798	906.832	-0.004078	5.88937	42.2973	-0.011583
2.38417	78.875	84.3442	777.481	930.807	-0.004078	5.88812	42.1	-0.0125
2.38517	78.7383	84.3442	782.278	988.372	-0.004078	5.88856	41.8085	-0.010938
2.38617	79.0117	83.7971	787.355	1031.33	-0.004078	5.88719	41.7545	-0.01125
2.38717	78.8018	84.481	788.04	1033.38	-0.004078	5.88719	41.4585	-0.010313
2.38817	79.0117	84.8178	789.245	1036.52	-0.012228	5.88781	41.6559	-0.01125
2.38917	78.875	84.0706	798.383	1028.69	-0.004078	5.88844	41.7545	-0.009063
2.39017	78.8018	84.3442	806.264	1011.88	-0.008152	5.88719	42.398	-0.013438
2.39117	78.8018	84.481	802.723	1013.3	-0.004078	5.87281	42.7414	-0.0125

2.39217	78.7383	84.6178	796.04	1035.7	-0.004076	5.67719	42.5934	-0.011875
2.39317	78.875	84.6178	803.066	1079.86	-0.012228	5.67868	42.6921	-0.012188
2.39417	79.0117	84.481	803.751	1092.52	-0.004076	5.68313	42.5441	-0.012813
2.39517	78.875	84.2074	787.532	1104.81	-0.004076	5.68219	42.396	-0.013125
2.39617	78.8016	84.3442	785.133	1082.14	0.02038	5.68469	42.1	-0.013438
2.39717	78.8016	84.3442	788.217	1048.38	0.02038	5.68408	42.1493	-0.012813
2.39817	78.8016	84.2074	780.679	1011.68	-0.012228	5.68563	42.1	-0.012188
2.39917	78.875	84.481	773.483	972.738	-0.012228	5.67844	42.396	-0.012813
2.40017	79.4217	84.3442	773.389	985.226	-0.008152	5.68408	42.396	-0.012813
2.40117	78.875	84.0706	780.45	1006.47	-0.004076	5.64562	42.1493	-0.013125
2.40217	78.7383	84.3442	788.56	1023.55	-0.004076	5.62844	42.6427	-0.012813
2.40317	78.8016	83.9339	784.334	1055.37	-0.004076	5.62489	42.396	-0.011563
2.40417	78.875	84.6178	790.502	1069.3	-0.004076	5.68969	42.9882	-0.010938
2.40517	78.7383	84.481	797.812	1089.3	-0.004076	5.67937	43.1855	-0.011875
2.40617	79.1483	84.3442	797.24	1086.3	-0.004076	5.68219	43.679	-0.011875
2.40717	78.8016	84.3442	797.24	1058.51	0.028532	5.68094	43.9751	-0.011875
2.40817	79.0117	83.9339	796.667	1047.45	-0.004076	5.67812	44.3698	-0.013125
2.40917	78.0549	84.0706	798.268	1058.1	-0.012228	5.67875	44.7846	-0.012188
2.41017	78.875	84.2074	798.497	1112.73	-0.004076	5.67989	44.5178	-0.011563
2.41117	78.875	84.3442	807.52	1126.26	-0.004076	5.67781	44.5178	-0.008438
2.41217	78.0117	84.481	799.639	1138.96	-0.004076	5.67844	44.0737	-0.012188
2.41317	79.1483	85.0281	790.159	1126.63	-0.004076	5.67887	43.7777	-0.016313
2.41417	78.8016	84.0706	788.446	1091.15	-0.012228	5.67408	44.4192	-0.012188
2.41517	78.875	84.2074	783.763	1054.28	-0.004076	5.67344	44.5178	-0.012813
2.41617	79.1483	84.3442	778.386	1020.82	-0.004076	5.67408	44.9819	-0.011563
2.41717	79.1483	84.2074	777.709	998.962	-0.004076	5.67469	45.2087	-0.013438
2.41817	78.875	84.3442	781.364	1035.7	-0.004076	5.67781	44.9819	-0.012813
2.41917	78.875	84.481	791.187	1055.23	-0.004076	5.67844	45.1593	-0.011875
2.42017	78.0549	84.3442	788.103	1078.58	-0.004076	5.67969	44.9819	-0.01125
2.42117	78.7383	84.6178	788.847	1094.16	-0.004076	5.67969	44.9819	-0.010313
2.42217	79.1483	84.3442	796.213	1094.16	-0.004076	5.67812	44.9819	-0.010313
2.42317	79.1483	84.3442	796.383	1095.88	-0.004076	5.67719	45.258	-0.013438
2.42417	79.4217	84.0706	800.667	1096.21	-0.004076	5.68219	45.8502	-0.01375
2.42517	78.8016	84.481	803.865	1087.6	-0.004076	5.68313	45.7515	-0.011563
2.42617	78.4649	83.7971	801.695	1082.98	-0.024458	5.68281	46.1482	-0.012813
2.42717	78.7383	84.481	797.469	1129.4	-0.004076	5.68719	46.0475	-0.013438
2.42817	79.1483	84.0706	803.865	1155.82	-0.004076	5.68469	45.5541	-0.013438
2.42917	79.1483	83.9339	804.436	1166.28	0.028532	5.68408	45.7021	-0.010938
2.43017	79.0117	84.481	794.813	1184.91	-0.008152	5.68094	45.1593	-0.014083
2.43118	78.8016	84.6178	790.958	1133.63	-0.004076	5.63969	45.2087	-0.012813
2.43218	78.3283	84.2074	788.847	1094.96	-0.012228	5.61937	45.8528	-0.013438
2.43318	78.875	84.481	781.593	1061.79	-0.004076	5.60825	45.9488	-0.011563
2.43418	78.8016	84.6178	778.737	1029.83	-0.004076	5.66469	46.0475	-0.010825
2.43518	78.8016	84.0706	779.08	1047.45	-0.004076	5.69082	46.1482	-0.013438
2.43618	78.8016	84.3442	788.446	1078.73	-0.004076	5.67969	46.4423	-0.01375
2.43718	78.4649	84.481	782.101	1095.25	-0.004076	5.68313	46.2943	-0.012188
2.43818	78.4649	84.6178	788.847	1118.74	-0.004076	5.68313	46.0475	-0.013438
2.43918	78.8016	84.6178	793.7	1122.57	-0.004076	5.68094	46.1482	-0.010938
2.44018	78.875	84.3442	796.954	1122.43	0.044837	5.67908	46.1482	-0.01125
2.44118	78.3283	84.6178	799.667	1125.03	-0.004076	5.67584	46.3438	-0.011875
2.44218	78.8016	84.481	803.979	1121.48	0.018304	5.67719	46.7384	-0.013125
2.44318	78.8016	84.481	803.979	1110.82	-0.004076	5.67887	47.0344	-0.011875

2.44418	78.875	83.7971	799.982	1132.95	-0.004078	5.87489	48.9357	-0.012813
2.44518	78.8018	84.2074	801.895	1179.99	-0.004078	5.87582	48.837	-0.013438
2.44618	78.8018	84.3442	808.205	1186.9	-0.012228	5.87489	48.8884	-0.013125
2.44718	78.875	84.2074	799.298	1188.82	-0.004078	5.87489	48.9357	-0.010939
2.44818	78.8018	84.0706	793.586	1173.38	-0.004078	5.87844	48.2943	-0.013438
2.44918	78.8018	84.0706	789.816	1097.71	0.02038	5.88219	48.4423	-0.011583
2.45018	78.875	84.3442	773.368	1052.5	-0.016304	5.88158	48.7384	-0.012813
2.45118	78.8018	84.3442	772.455	1016.91	0.038685	5.88219	47.0344	-0.012188
2.45218	78.8018	84.3442	780.793	981.816	-0.02038	5.87969	48.7384	-0.012813
2.45318	78.3283	84.0706	777.024	1018.77	-0.004078	5.88313	48.837	-0.010939
2.45418	79.0117	83.7971	788.903	1099.95	-0.004078	5.88437	48.0989	-0.012813
2.45518	78.8018	84.2074	810.147	1131.04	-0.004078	5.88489	45.5541	-0.010913
2.45618	78.4849	84.481	801.01	1129.12	-0.038685	5.88489	45.0808	-0.015313
2.45718	77.9183	84.3442	788.674	1129.94	-0.008152	5.70989	45.2087	-0.012188
2.45818	78.7383	84.3442	801.895	1113.83	-0.004078	5.71312	45.7515	-0.011583
2.45918	79.0117	84.0706	812.86	1105.5	-0.004078	5.71489	45.9882	-0.01375
2.46018	78.8018	84.3442	808.482	1114.82	0.02038	5.70344	48.4916	-0.012188
2.46118	78.8018	84.8178	804.436	1115.74	-0.012228	5.67969	48.6397	-0.012813
2.46218	78.3283	84.0706	804.779	1157.81	0.024458	5.68158	48.541	-0.014083
2.46318	78.3283	84.3442	803.294	1188.49	-0.016304	5.64844	48.541	-0.011876
2.46418	78.8018	84.2074	793.928	1194.14	-0.004078	5.71094	48.0475	-0.011876
2.46518	78.3283	84.0706	790.816	1185.81	-0.004078	5.72906	45.7515	-0.011876
2.46618	78.7383	84.3442	795.07	1158.31	-0.004078	5.71844	45.3587	-0.012813
2.46718	78.875	84.481	791.644	1123.88	-0.012228	5.71989	45.0113	-0.012813
2.46818	78.8018	84.3442	782.849	1082.11	0.024458	5.71875	45.0808	-0.014375
2.46918	78.7383	84.3442	780.679	1065.2	-0.004078	5.71844	45.3074	-0.010938
2.47018	78.8018	84.481	781.583	1083.02	-0.004078	5.71531	45.1583	-0.011583
2.47118	78.7383	84.3442	784.582	1106.83	0.02038	5.71844	45.5047	-0.010938
2.47218	78.4649	84.6178	793.814	1127.48	-0.004078	5.71158	45.258	-0.012188
2.47318	78.3283	84.3442	795.289	1150.43	0.038685	5.70989	45.3587	-0.012813
2.47418	78.3283	84.2074	798.04	1158.83	-0.004078	5.71031	45.3074	-0.012188
2.47518	78.0549	84.3442	800.086	1151.39	-0.004078	5.71158	45.8034	-0.013125
2.47618	78.8018	83.7971	798.84	1144.15	-0.004078	5.71094	48.0475	-0.012813
2.47718	77.7818	84.3442	801.238	1141.42	-0.004078	5.71125	46.2943	-0.01375
2.47818	78.8018	84.2074	801.895	1136.09	-0.028532	5.71344	46.2448	-0.015313
2.47918	78.8018	84.0706	800.781	1135.88	-0.008152	5.71719	46.3438	-0.014375
2.48018	78.8018	84.6178	796.689	1135.27	0.028532	5.71658	46.837	-0.013438
2.48118	78.8018	84.2074	791.758	1145.51	-0.004078	5.71908	45.9488	-0.01375
2.48218	78.8018	84.3442	795.07	1187.58	-0.004078	5.72344	45.8034	-0.012188
2.48318	78.3283	83.6803	802.152	1193.59	-0.008152	5.71989	44.9619	-0.011583
2.48418	78.3283	84.2074	794.385	1208.7	0.024458	5.72489	44.5178	-0.01125
2.48518	78.0549	84.3442	790.159	1189.48	0.02038	5.72781	44.2711	-0.010913
2.48618	78.875	84.0706	789.816	1176.93	-0.004078	5.72781	44.3898	-0.013125
2.48718	78.3283	84.6178	784.791	1157.53	-0.004078	5.72906	44.5178	-0.011583
2.48818	78.8018	84.2074	780.793	1135.88	-0.004078	5.72969	44.5178	-0.011583
2.48918	78.7383	84.3442	780.907	1113.14	-0.044837	5.72408	44.4685	-0.015313
2.49018	78.4849	84.6178	780.222	1103.72	-0.004078	5.70375	45.0608	-0.012813
2.49118	78.7383	84.481	778.188	1098.53	0.028532	5.68489	45.0608	-0.012813
2.49218	78.8018	84.3442	777.367	1117.85	-0.004078	5.6875	44.3205	-0.013438
2.49318	78.4849	83.9339	783.308	1136.84	-0.004078	5.68875	44.1724	-0.011583
2.49418	78.8018	84.6178	788.181	1145.92	0.024458	5.74344	43.8288	-0.012813
2.49518	78.4649	84.6178	782.508	1152.89	0.038685	5.72781	43.2842	-0.012813

2.49618	78.3283	84.481	785.704	1148.68	-0.024456	5.73219	42.9882	-0.012188
2.49718	78.6018	84.2074	788.217	1146.06	-0.004076	5.72844	42.7908	-0.012813
2.49818	78.875	84.2074	788.446	1149.34	-0.004076	5.72719	42.9388	-0.012188
2.49918	78.6018	84.481	790.045	1148.68	-0.004076	5.72781	42.8895	-0.011875
2.50018	78.0549	84.481	789.931	1147.15	-0.052889	5.72219	42.4947	-0.012813
2.50118	78.0549	84.3442	788.217	1148.25	-0.004076	5.72406	43.3829	-0.011563
2.50218	78.6018	84.3442	788.847	1146.06	-0.004076	5.72856	43.7777	-0.01126
2.50318	78.4849	84.8178	785.59	1142.51	-0.004076	5.72344	42.8895	-0.012188
2.50418	78.3283	84.481	785.933	1140.46	0.02038	5.72469	42.9882	-0.011563
2.50518	78.6018	84.0706	788.961	1137.87	-0.004076	5.72281	42.2873	-0.011875
2.50618	78.3283	84.481	787.075	1181.9	-0.004076	5.72469	41.8085	-0.011875
2.50718	78.3283	83.7971	791.187	1182.96	-0.004076	5.72563	41.4091	-0.010938
2.50818	78.3283	83.6603	793.014	1189.77	-0.004076	5.72437	40.9157	-0.012813
2.50918	78.3283	84.3442	787.532	1200.42	-0.004076	5.72694	40.6209	-0.013125
2.51018	78.0549	84.3442	788.446	1188.67	-0.004076	5.72869	40.4222	-0.013125
2.51118	78.4849	84.3442	788.446	1174.47	-0.057065	5.7275	39.9288	-0.014063
2.51218	78.4849	84.3442	787.532	1164.09	-0.028532	5.72844	40.817	-0.013438
2.51318	78.3283	84.8178	788.903	1150.3	-0.004076	5.73094	41.4091	-0.010938
2.51418	78.3283	84.0706	788.903	1140.87	-0.012228	5.73438	41.3104	-0.0125
2.51518	78.3283	84.0706	787.989	1138.41	-0.004076	5.73562	41.1131	-0.013125
2.51618	78.4849	84.8178	787.075	1137.87	-0.004076	5.73531	41.0144	-0.012813
2.51718	78.4849	83.7971	788.446	1136.91	0.044837	5.74219	40.985	-0.012813
2.51818	78.0549	84.8178	789.359	1101.94	0.02038	5.73719	40.669	-0.011563
2.51918	78.0549	84.2074	781.136	1085.2	-0.004076	5.71438	40.1755	-0.01125
2.52018	79.0117	84.3442	778.395	1061.38	-0.008152	5.69781	39.6327	-0.011563
2.52118	77.7818	84.2074	791.187	1034.81	-0.004076	5.67837	39.2873	-0.012813
2.52218	78.4849	84.2074	785.704	1034.08	-0.004076	5.68906	38.7445	-0.01125
2.52318	78.4849	84.2074	783.649	1111.82	-0.004076	5.74969	38.3991	-0.014375
2.52418	78.4849	84.0706	806.091	1131.31	-0.004076	5.73469	38.7939	-0.012813
2.52518	78.3283	84.481	801.581	1118.74	0.02038	5.73719	38.3004	-0.011875
2.52618	78.4849	84.3442	779.308	1122.98	-0.004076	5.73666	38.1524	-0.0125
2.52718	78.0549	84.2074	789.131	1084.71	0.02038	5.73688	38.2511	-0.012813
2.52818	78.0549	84.3442	786.096	1079.14	0.036685	5.73594	38.6865	-0.012188
2.52918	78.3283	84.3442	790.159	1093.81	-0.004076	5.73219	38.5471	-0.013438
2.53018	78.3283	84.3442	791.187	1099.08	-0.004076	5.73594	38.8925	-0.012813
2.53118	78.3283	84.0706	794.385	1100.17	-0.004076	5.73594	38.8458	-0.012188
2.53218	78.1916	84.3442	785.704	1112.19	-0.016304	5.73406	38.9419	-0.0125
2.53318	78.3283	84.3442	778.395	1112.05	-0.02038	5.72969	38.3991	-0.012188
2.53418	78.6018	84.2074	782.049	1097.16	-0.004076	5.73312	38.1524	-0.014375
2.53518	77.7818	84.3442	788.732	1089.24	-0.004076	5.73406	38.5471	-0.012188
2.53618	78.3283	84.8178	788.847	1075.86	-0.004076	5.73469	37.4122	-0.01375
2.53718	78.6018	84.481	787.418	1080.29	-0.004076	5.73719	37.2148	-0.012188
2.53818	78.3283	84.3442	787.532	1058.74	-0.004076	5.73281	38.8201	-0.011563
2.53918	78.6018	84.2074	786.047	1060.83	-0.004076	5.73344	38.672	-0.011563
2.54018	78.6018	84.2074	786.161	1068.3	0.036685	5.73344	38.5733	-0.010838
2.54118	78.3283	84.3442	786.961	1075.04	-0.004076	5.73469	38.7707	-0.011875
2.54218	78.3283	83.6603	787.989	1082.25	-0.012228	5.73594	38.6227	-0.0125
2.54318	78.3283	84.3442	782.101	1102.49	-0.008152	5.73594	38.7707	-0.011563
2.54418	78.6018	84.8178	792.786	1100.03	-0.004076	5.73812	38.672	-0.010825
2.54518	78.6018	84.3442	786.604	1088.94	-0.004076	5.74187	38.4747	-0.015313
2.54618	78.6018	84.3442	785.59	1091.56	-0.004076	5.73969	38.8694	-0.012188
2.54718	78.6018	84.0706	785.476	1088.83	-0.004076	5.72469	38.7214	-0.014063

2.54818	78.0549	84.0706	783.877	1091.29	0.024456	5.70858	38.872	-0.013438
2.54918	78.0549	83.7871	783.192	1091.15	-0.004076	5.68437	38.7214	-0.012813
2.55018	78.8016	84.481	782.983	1091.15	-0.02038	5.66719	38.872	-0.012188
2.55118	78.8016	84.3442	781.022	1090.81	-0.004076	5.70806	38.7214	-0.0125
2.55218	78.0117	84.3442	779.308	1087.6	-0.004076	5.75469	38.5733	-0.014083
2.55318	78.0549	84.2074	778.851	1083.78	0.024456	5.73875	38.8894	-0.011875
2.55418	78.3283	83.9339	779.308	1077.22	-0.004076	5.74437	38.4747	-0.011583
2.55518	78.8016	84.0706	781.138	1072.31	-0.008152	5.74219	38.4253	-0.009888
2.55618	78.3283	84.0706	780.45	1068.48	-0.004076	5.73889	38.0308	-0.014376
2.55718	78.7383	84.2074	781.384	1066.84	-0.004076	5.73812	38.4747	-0.011875
2.55818	78.7383	84.2074	780.793	1064.38	-0.004076	5.73837	38.2773	-0.011875
2.55918	77.7816	84.2074	780.45	1062.47	-0.004076	5.74125	38.1282	-0.012813
2.56018	78.3283	84.6178	780.222	1060.01	-0.004076	5.73889	38.2279	-0.011875
2.56118	78.0549	84.481	781.138	1057.58	-0.004076	5.73489	35.8825	-0.012813
2.56218	78.1816	84.3442	782.508	1053.59	-0.012228	5.73406	35.5885	-0.012188
2.56318	78.0117	84.3442	782.508	1050.32	-0.004076	5.73489	35.3397	-0.014083
2.56418	78.8016	84.6178	781.707	1047.99	-0.004076	5.73489	35.3397	-0.012813
2.56518	78.3283	83.7871	781.022	1044.17	-0.004076	5.73825	35.1917	-0.014083
2.56618	78.3283	84.0706	781.821	1042.28	-0.004076	5.73825	35.093	-0.009083
2.56718	77.8449	84.3442	779.879	1040.07	-0.004076	5.73844	35.093	-0.012813
2.56818	78.3283	84.3442	780.222	1037.34	-0.004076	5.74187	35.3891	-0.010838
2.56918	78.3283	84.3442	779.851	1034.88	-0.004076	5.74168	34.8958	-0.012813
2.57018	78.4649	84.2074	779.851	1031.33	-0.004076	5.74281	34.8958	-0.012188
2.57118	78.3283	84.2074	779.537	1028.89	-0.004076	5.74344	34.7989	-0.011583
2.57218	78.8016	84.3442	779.785	1026.89	0.02038	5.74719	34.8982	-0.011875
2.57318	78.4849	83.5236	778.184	1025.8	0.028532	5.74719	34.5502	-0.012188
2.57418	78.4849	84.2074	779.785	1023.14	-0.004076	5.74584	34.6489	-0.012188
2.57518	78.0549	83.5236	779.994	1022.59	0.024456	5.74219	34.6489	-0.012813
2.57618	78.8016	84.481	780.222	1018.9	-0.016304	5.72158	34.5502	-0.013125
2.57718	78.3283	84.2074	780.222	1016.99	-0.004076	5.69989	34.8982	-0.009888
2.57818	78.0117	84.481	780.222	1014.67	-0.004076	5.68094	34.5009	-0.014083
2.57918	77.8183	84.2074	779.537	1011.94	-0.004076	5.68469	34.7989	-0.012188
2.58018	78.8016	84.3442	779.785	1010.43	-0.004076	5.75889	34.4022	-0.012188
2.58118	77.8183	83.7871	780.45	1007.98	0.024456	5.74869	34.8982	-0.010838
2.58218	78.3283	84.3442	780.222	1006.08	-0.004076	5.74889	34.1555	-0.012813
2.58318	78.8016	84.6178	778.988	1003.47	-0.004076	5.74937	34.8982	-0.010838
2.58418	78.7383	84.0706	779.308	1002.79	0.028532	5.74875	34.6489	-0.013438
2.58518	78.0549	84.0706	779.308	1001.28	-0.004076	5.74868	34.3035	-0.010838
2.58618	78.3283	84.2074	779.537	1001.15	-0.004076	5.74908	34.5502	-0.012188
2.58718	78.3283	83.9339	779.537	994.591	-0.004076	5.74719	34.4022	-0.012813
2.58818	78.4649	84.0706	778.851	982.788	-0.004076	5.74469	34.3035	-0.010313
2.58918	78.8016	84.481	780.257	956.821	-0.004076	5.74219	34.5009	-0.013438
2.59018	78.8016	84.3442	772.455	941.734	-0.016304	5.73889	34.5009	-0.013125
2.59118	78.4649	84.3442	776.567	928.027	-0.004076	5.73908	34.3528	-0.013125
2.59218	78.4649	84.0706	771.541	988.182	0.024456	5.73889	34.0588	-0.014083
2.59318	78.4649	84.2074	785.019	984.348	-0.004076	5.74489	34.2048	-0.011583
2.59418	78.4649	84.3442	786.981	973.421	-0.004076	5.74094	33.9581	-0.012188
2.59518	78.4649	84.3442	773.597	975.08	0.028532	5.74312	33.8594	-0.012188
2.59618	77.8183	84.3442	776.339	959.08	-0.008152	5.74437	34.1061	-0.012813
2.59718	78.7383	84.481	781.583	940.232	-0.004076	5.74489	34.0074	-0.012188
2.59818	78.876	84.3442	778.851	940.232	-0.004076	5.74781	34.2541	-0.013438
2.59918	78.8016	83.5236	778.988	944.739	-0.004076	5.75094	34.1061	-0.010313

2.60019	78.3283	84.2074	782.049	947.061	-0.004076	5.75562	34.2048	-0.011875
2.60119	78.3283	84.0706	779.879	955.802	-0.004076	5.75844	34.8483	-0.012189
2.60219	78.7383	84.8913	773.826	980.173	-0.004076	5.75989	34.5009	-0.012188
2.60319	78.6016	83.5236	773.826	954.028	0.024458	5.75908	34.3035	-0.01375
2.60419	78.875	84.3442	776.587	948.514	-0.012228	5.74219	34.1081	-0.011563
2.60519	78.4849	84.2074	775.853	939.002	-0.004076	5.71438	34.0588	-0.011875
2.60619	78.3283	84.2074	775.882	931.354	0.057085	5.69906	34.0074	-0.012813
2.60719	78.4849	84.3442	775.882	927.939	-0.004076	5.69158	34.0074	-0.012188
2.60819	79.1483	84.3442	774.054	932.446	-0.004076	5.75969	33.7807	-0.014063
2.60919	78.8016	84.6178	774.168	935.724	-0.004076	5.75868	34.1555	-0.012813
2.61019	78.875	84.3442	774.283	940.841	-0.004076	5.75582	33.9887	-0.011563
2.61119	78.8016	84.3442	775.853	943.783	-0.004076	5.75489	34.1555	-0.012813
2.61219	78.3283	84.3442	776.795	943.1	-0.012228	5.75219	34.1081	-0.012188
2.61319	78.3283	83.9339	777.481	940.095	0.02038	5.75084	34.2048	-0.012813
2.61419	78.875	84.3442	777.024	938.271	-0.024458	5.75082	34.1081	-0.012813
2.61519	78.4849	84.3442	776.795	935.178	-0.004076	5.74989	34.3035	-0.0125
2.61619	78.6016	84.2074	776.339	935.042	0.02038	5.74906	34.5502	-0.012188
2.61719	78.4849	84.0706	776.224	938.817	0.024458	5.74844	34.3035	-0.012813
2.61819	78.6016	84.3442	776.587	938.868	-0.004076	5.74658	34.5009	-0.012188
2.61919	77.5083	84.0706	775.882	939.958	-0.004076	5.74344	34.3035	-0.010625
2.62019	78.6016	84.0706	776.587	938.728	-0.004076	5.74584	34.3035	-0.010313
2.62119	78.0549	83.6603	776.339	937.09	-0.004076	5.74906	34.5009	-0.00875
2.62219	78.3283	84.0706	774.74	935.178	-0.004076	5.74719	34.8982	-0.012813
2.62319	78.6016	84.2074	775.195	935.042	-0.024458	5.74658	34.7989	-0.012813
2.62419	78.3283	84.3442	776.11	936.544	-0.004076	5.75158	34.8982	-0.012813
2.62519	78.3283	84.0706	775.853	938.954	-0.004076	5.74969	34.5502	-0.011875
2.62619	78.6016	84.481	775.539	937.637	-0.004076	5.75856	34.8483	-0.013125
2.62719	78.7383	84.0706	775.082	937.363	-0.016304	5.75468	34.5502	-0.013125
2.62819	78.6016	84.3442	775.539	937.637	0.038885	5.75844	34.8483	-0.011563
2.62919	78.6016	84.481	776.463	937.637	-0.004076	5.75869	34.7989	-0.014375
2.63019	78.6016	84.6178	776.339	937.363	0.024458	5.78219	34.8958	-0.011875
2.63119	78.6016	84.3442	776.339	938.544	-0.004076	5.75989	34.8958	-0.012813
2.63219	78.6016	84.6178	776.587	935.998	-0.012228	5.73781	34.8958	-0.013438
2.63319	78.3283	84.0706	776.339	936.271	-0.004076	5.7175	34.8483	-0.013125
2.63419	78.6016	84.6178	775.768	935.998	-0.004076	5.70219	35.1917	-0.01375
2.63519	79.1483	84.481	776.587	938.817	-0.004076	5.71531	35.1917	-0.010625
2.63619	78.7383	84.3442	776.587	937.09	-0.004076	5.77781	35.2904	-0.011875
2.63719	78.6016	84.0706	777.024	938.817	-0.004076	5.78219	35.241	-0.012813
2.63819	78.6016	84.0706	777.138	937.09	-0.004076	5.75989	35.3891	-0.01125
2.63919	78.875	84.481	776.587	937.09	0.038885	5.75989	35.2904	-0.013438
2.64019	77.9183	83.9339	776.453	937.363	-0.004076	5.75906	35.241	-0.013438
2.64119	78.0549	84.2074	775.853	938.458	-0.008152	5.75844	35.4878	-0.012188
2.64219	78.4849	84.481	775.998	935.998	-0.004076	5.75719	35.4878	-0.013125
2.64319	78.6016	84.0706	776.11	937.363	-0.004076	5.75844	35.5865	-0.011563
2.64419	78.6016	84.0706	776.587	937.91	-0.004076	5.75719	35.4878	-0.01125
2.64519	78.0549	84.0706	774.968	937.363	-0.004076	5.75468	35.5865	-0.013438
2.64619	78.6016	84.3442	775.195	937.91	-0.008152	5.75312	35.7838	-0.01125
2.64719	78.6016	84.3442	774.74	938.183	-0.012228	5.75219	36.0799	-0.0125
2.64819	78.4849	84.6178	775.198	938.458	0.02038	5.75856	35.8825	-0.013125
2.64919	78.6016	84.2074	774.74	939.002	-0.004076	5.75344	35.8825	-0.012188
2.65019	78.6016	84.3442	774.74	939.139	0.040761	5.75781	35.8825	-0.014063
2.65119	78.3283	84.3442	775.198	939.002	-0.004076	5.75812	36.1282	-0.013125

2.65219	78.6016	84.2074	774.74	939.276	-0.004076	5.7575	36.2279	-0.011563
2.65319	78.1916	83.7971	775.196	938.456	-0.012228	5.75906	36.376	-0.011563
2.65419	78.7383	84.2074	776.667	938.986	-0.008152	5.76469	36.2773	-0.009375
2.65519	78.0549	84.6178	775.539	938.456	-0.02038	5.76563	36.4747	-0.014688
2.65619	78.6016	84.0706	776.338	938.183	-0.004076	5.76813	36.524	-0.014688
2.65719	79.0117	83.7971	776.11	919.881	-0.004076	5.76969	37.0668	-0.012813
2.65819	78.6016	84.6178	771.313	914.144	-0.004076	5.76719	36.7707	-0.011563
2.65919	78.7383	84.0706	772.912	907.452	-0.012228	5.74719	37.0174	-0.0125
2.66019	78.0549	84.2074	776.11	886.706	-0.004076	5.72489	36.672	-0.012813
2.66119	78.6016	84.3442	772.684	919.881	0.044837	5.70812	36.8994	-0.011563
2.66219	78.6016	84.3442	779.422	937.227	-0.004076	5.69812	36.9681	-0.011875
2.66319	78.6016	84.3442	762.049	930.807	-0.016304	5.76719	37.1161	-0.0125
2.66419	78.0549	84.0706	773.826	934.359	-0.004076	5.77062	37.0174	-0.011875
2.66519	78.6016	84.0706	774.283	923.705	-0.012228	5.76594	37.0668	-0.010825
2.66619	78.3283	84.0706	777.938	908.954	-0.008152	5.76563	37.0668	-0.013438
2.66719	78.0549	84.3442	776.453	910.047	-0.004076	5.76825	37.6589	-0.012188
2.66819	77.7816	83.9339	777.024	914.891	-0.004076	5.76719	37.6096	-0.012188
2.66919	78.6016	84.0706	779.422	917.559	-0.004076	5.76781	37.7576	-0.012188
2.67019	78.4849	84.3442	776.737	924.115	-0.004076	5.77094	37.7576	-0.010838
2.67119	78.6016	84.481	774.74	928.486	-0.004076	5.76376	37.955	-0.010838
2.67219	78.3283	84.0706	774.825	926.027	0.036685	5.76281	38.0537	-0.011563
2.67319	78.6016	83.6603	776.338	921.62	-0.004076	5.76167	38.2511	-0.011875
2.67419	78.675	84.3442	775.882	918.242	-0.004076	5.75969	38.2017	-0.012188
2.67519	78.4849	84.3442	776.339	911.959	-0.004076	5.75969	38.2017	-0.012813
2.67619	78.6016	84.481	777.024	911.686	-0.008152	5.76156	38.2511	-0.01125
2.67719	78.4849	84.3442	775.996	914.144	-0.004076	5.75906	38.0537	-0.015313
2.67819	78.6016	84.0706	774.74	918.515	-0.004076	5.75969	38.5965	-0.012813
2.67919	78.3283	84.0706	775.663	922.613	-0.008152	5.76344	38.6952	-0.011875
2.68019	78.7383	84.481	775.567	926.437	-0.008152	5.76281	38.5471	-0.012188
2.68119	78.4849	84.6178	778.166	926.164	0.02038	5.7675	38.9912	-0.010838
2.68219	78.6016	84.3442	777.709	923.295	-0.004076	5.76344	38.8432	-0.013125
2.68319	78.4849	84.3442	777.481	921.11	0.024458	5.76969	38.9419	-0.012188
2.68419	78.6016	83.7971	777.367	919.881	0.02038	5.77187	39.0406	-0.010825
2.68519	78.3283	84.3442	777.481	920.154	-0.036685	5.76875	39.388	-0.010313
2.68619	78.7383	84.3442	777.481	922.066	-0.028632	5.75375	39.2873	-0.012813
2.68719	78.6016	84.2074	777.938	923.842	-0.004076	5.73312	39.4353	-0.009688
2.68819	78.7383	84.3442	777.252	924.798	-0.044837	5.70875	39.238	-0.013438
2.68919	78.6016	84.3442	777.252	925.071	-0.008152	5.69531	39.2873	-0.013438
2.69019	78.3283	84.0706	777.695	924.525	-0.004076	5.75969	39.9268	-0.013125
2.69119	78.0549	84.481	777.252	923.159	-0.004076	5.77719	39.6327	-0.012188
2.69219	78.675	84.3442	777.709	923.705	-0.004076	5.76906	39.8301	-0.012188
2.69319	78.7383	84.2074	777.709	924.252	-0.004076	5.77281	39.7314	-0.012188
2.69419	78.6016	84.0706	777.938	925.754	0.052989	5.77031	39.534	-0.012813
2.69519	78.6016	84.3442	778.395	927.803	-0.004076	5.76969	40.0275	-0.011563
2.69619	78.675	84.3442	777.823	926.437	-0.036685	5.76594	39.9268	-0.012813
2.69719	78.675	84.6178	777.138	926.983	-0.02038	5.76666	40.0768	-0.012188
2.69819	78.4849	84.0706	777.938	927.266	-0.02038	5.76437	39.9781	-0.011563
2.69919	78.6016	84.6178	776.91	926.164	-0.032809	5.76167	39.8301	-0.015313
2.70019	78.6016	84.0706	777.709	927.12	-0.004076	5.76219	40.1755	-0.013438
2.70119	78.6016	84.3442	777.938	927.939	-0.004076	5.76406	40.817	-0.011875
2.70219	78.6016	84.0706	777.823	928.076	-0.004076	5.76437	40.3235	-0.011875
2.70319	78.6016	84.3442	777.823	929.168	-0.004076	5.76781	40.5703	-0.013125

2.70419	78.7383	84.8913	777.709	929.715	-0.004076	5.76469	40.6196	-0.011875
2.70519	78.875	84.481	777.938	929.715	-0.016304	5.76437	40.6196	-0.010938
2.70619	78.1483	84.3442	778.052	930.871	-0.016304	5.76844	40.7183	-0.012188
2.70719	78.875	83.7971	777.938	931.784	-0.004076	5.76989	40.817	-0.013438
2.70819	78.7383	84.8178	777.709	930.807	-0.008152	5.76989	40.865	-0.011875
2.7092	78.7383	84.8178	777.481	931.827	-0.004076	5.77219	41.1624	-0.010938
2.7102	78.7383	84.3442	778.052	931.354	-0.057065	5.77344	40.817	-0.012813
2.7112	78.8016	84.3442	777.823	932.448	-0.012228	5.77469	41.4091	-0.011875
2.7122	78.875	84.481	777.938	933.812	-0.012228	5.77582	41.4585	-0.013438
2.7132	78.875	84.3442	778.052	934.222	-0.004076	5.75889	41.4091	-0.012188
2.7142	78.8016	84.3442	778.395	934.085	-0.038885	5.73906	41.8085	-0.011875
2.7152	78.0117	84.0706	777.823	935.178	-0.02038	5.71806	41.7052	-0.013125
2.7162	79.1483	84.2074	777.938	935.451	-0.02038	5.71219	41.5078	-0.012813
2.7172	78.0117	84.3442	778.28	936.88	-0.016304	5.78437	41.6559	-0.011563
2.7182	78.8016	84.0706	777.823	937.09	-0.02038	5.78312	41.8039	-0.012813
2.7192	78.8016	84.0706	778.166	937.383	-0.036885	5.78094	41.8039	-0.012188
2.7202	78.875	84.0706	778.28	937.91	-0.048913	5.77889	41.9026	-0.012188
2.7212	78.8016	84.2074	777.823	937.227	-0.093749	5.77469	41.3596	-0.012813
2.7222	78.8016	84.481	777.481	938.593	-0.036885	5.77694	41.8039	-0.014888
2.7232	79.0117	84.481	777.481	939.549	-0.036885	5.77856	42.6821	-0.012813
2.7242	78.875	84.3442	777.595	940.388	-0.036885	5.77908	42.2973	-0.012813
2.7252	77.9183	84.3442	778.166	939.139	-0.062989	5.78094	42.1	-0.012813
2.7262	78.8016	84.3442	776.91	922.476	-0.062989	5.77856	42.1493	-0.011875
2.7272	78.0117	84.0706	773.712	915.92	-0.044837	5.77582	42.1493	-0.011563
2.7282	78.875	83.7971	775.198	910.888	-0.077445	5.77594	42.1493	-0.012188
2.7292	78.9283	84.2074	777.024	898.574	-0.187118	5.77781	42.3467	-0.013438
2.7302	78.875	84.8178	773.587	897.891	-0.199727	5.77719	42.3467	-0.012188
2.7312	78.8016	84.3442	773.826	898.301	-0.26802	5.77718	42.1988	-0.013438
2.7322	78.7383	84.481	776.339	902.125	-0.432062	5.77531	41.9026	-0.016593
2.7332	78.875	83.7971	778.951	938.458	-0.476899	5.77989	42.1988	-0.01375
2.7342	78.7383	84.8178	784.582	981.285	-0.582877	5.78094	42.5834	-0.012813
2.7352	78.7383	84.3442	785.248	958.783	-0.701082	5.78469	42.1988	-0.013438
2.7362	78.8016	84.3442	777.823	958.621	-0.823364	5.78856	42.4847	-0.011875
2.7372	79.0117	84.481	776.91	942.827	-0.94157	5.78781	42.4847	-0.012188
2.7382	78.4649	84.2074	778.166	827.12	-1.04755	5.79158	42.7908	-0.011563
2.7392	78.875	84.2074	777.024	929.578	-1.12499	5.77812	43.0888	-0.0125
2.7402	78.7383	84.2074	778.395	934.905	-1.18613	5.75219	42.9882	-0.012813
2.7412	79.0117	83.5236	778.851	939.549	-1.17798	5.73719	43.1855	-0.013438
2.7422	79.1483	84.2074	776.567	945.012	-1.18206	5.72094	43.531	-0.011563
2.7432	78.8016	84.8178	773.399	946.105	-1.16168	5.76656	43.1855	-0.012188
2.7442	78.8016	84.3442	772.341	940.388	-1.12499	5.79969	43.2842	-0.015313
2.7452	78.8016	84.0706	775.198	937.09	-1.072	5.79094	43.5803	-0.014063
2.7462	78.875	84.8178	776.11	934.085	-1.03124	5.78969	43.2842	-0.012188
2.7472	78.875	84.481	777.938	933.812	-0.974178	5.79158	43.3829	-0.014063
2.7482	78.875	84.0706	778.28	936.544	-0.98233	5.78719	43.2842	-0.0125
2.7492	78.875	84.3442	777.481	942.28	-0.98233	5.78281	43.1855	-0.014688
2.7502	78.875	84.3442	776.587	946.378	-0.949722	5.78437	43.3829	-0.011875
2.7512	78.9283	84.3442	777.138	950.202	-0.974178	5.78219	43.5903	-0.012188
2.7522	78.875	84.8178	778.851	955.939	-0.917113	5.77938	43.679	-0.011875
2.7532	78.875	84.8913	779.765	958.758	-0.949722	5.77469	43.9751	-0.011875
2.7542	79.1483	84.2074	779.765	958.348	-0.949722	5.77844	43.8764	-0.010825
2.7552	79.1483	84.481	777.938	955.392	-0.94157	5.77719	44.1724	-0.013125

2.7582	78.875	84.3442	777.481	954.438	-0.917113	5.77908	44.8859	-0.011583
2.7572	79.1483	83.8339	776.587	953.344	-0.900809	5.77844	44.1724	-0.011875
2.7582	79.0117	84.3442	777.024	954.709	-0.900809	5.78437	44.3698	-0.0125
2.7582	79.0117	84.3442	777.481	956.895	-0.878353	5.78094	44.2711	-0.012188
2.7802	78.7383	84.8913	777.481	959.49	-0.843744	5.78437	44.5178	-0.011583
2.7812	78.875	84.0708	777.481	961.402	-0.900809	5.78906	44.4885	-0.014375
2.7822	79.0117	84.3442	776.339	961.265	-0.876353	5.78813	44.5672	-0.012188
2.7832	79.0117	84.2074	775.853	961.402	-0.884505	5.78906	44.4885	-0.013438
2.7842	78.875	84.481	776.11	960.309	-0.876353	5.79125	44.8633	-0.012813
2.7852	78.875	83.7971	777.387	961.402	-0.851897	5.78094	44.4885	-0.012813
2.7882	78.875	84.481	776.11	962.485	-0.880049	5.75437	44.4885	-0.015313
2.7872	78.875	84.3442	777.709	964.88	-0.802984	5.74094	45.3567	-0.012813
2.7882	79.1483	84.0708	777.709	965.773	-0.819288	5.72218	44.8633	-0.012188
2.7892	79.0117	84.3442	777.481	967.548	-0.82744	5.76187	44.5178	-0.012188
2.7702	79.0117	84.0708	777.387	967.958	-0.790756	5.80582	44.7152	-0.012188
2.7712	78.7383	84.8178	776.587	967.002	-0.802984	5.7875	44.8859	-0.012188
2.7722	78.875	84.3442	776.052	967.958	-0.754071	5.79219	44.8633	-0.011875
2.7732	78.875	84.481	777.823	968.504	-0.78888	5.79187	44.6185	-0.013438
2.7742	78.875	83.9339	776.188	970.889	-0.786299	5.79094	44.4885	-0.011875
2.7752	78.8016	84.3442	777.481	970.143	-0.786299	5.78844	44.8633	-0.011583
2.7762	78.875	83.9339	777.024	970.889	-0.782223	5.78844	44.5672	-0.008063
2.7772	78.1916	84.2074	776.91	972.055	-0.741843	5.78719	44.3898	-0.014083
2.7782	79.1483	84.3442	777.024	973.148	-0.754071	5.78531	45.0808	-0.013125
2.7792	79.0117	84.8178	776.91	974.514	-0.741843	5.78375	44.7648	-0.011583
2.7802	79.0117	84.3442	777.138	975.333	-0.721463	5.78719	44.8139	-0.012188
2.7812	79.0117	84.481	777.481	976.153	-0.705158	5.78469	44.8633	-0.012188
2.7822	79.0117	84.3442	777.138	976.426	-0.721463	5.78781	44.2711	-0.012813
2.7832	78.8016	84.481	776.795	976.563	-0.684778	5.78844	44.8633	-0.011875
2.7842	78.8016	84.3442	776.587	977.382	-0.71391	5.78906	44.8185	-0.012813
2.7852	78.7383	84.481	777.481	978.884	-0.688854	5.78989	44.8139	-0.012813
2.7862	78.875	84.0708	777.252	978.811	-0.725539	5.79219	44.8859	-0.012813
2.7872	79.0117	84.8178	776.188	978.748	-0.705158	5.79408	44.5672	-0.008125
2.7882	78.7383	84.481	776.587	978.884	-0.687008	5.79344	44.1724	-0.012813
2.7892	78.875	85.0281	777.024	981.07	-0.678826	5.79719	44.5178	-0.013438
2.7902	78.8016	84.0708	777.252	981.343	-0.658246	5.79719	44.7152	-0.013438
2.7912	78.7383	84.0708	777.709	982.162	-0.631789	5.78437	44.5178	-0.013438
2.7922	78.875	84.3442	777.024	982.982	-0.639941	5.76219	44.4192	-0.013438
2.7932	78.7383	84.2074	777.709	983.255	-0.635865	5.74489	44.3898	-0.013438
2.7942	79.0117	84.8178	777.709	983.118	-0.591029	5.73438	44.0244	-0.012813
2.7952	78.875	84.481	777.709	988.231	-0.623637	5.79889	44.1724	-0.012813
2.7962	79.0117	84.481	774.283	953.207	-0.591029	5.80594	44.4192	-0.012813
2.7972	78.875	84.2074	773.587	950.202	-0.615485	5.80344	44.3898	-0.012813
2.7982	78.8016	84.3442	776.823	934.085	-0.807333	5.80887	44.1724	-0.011583
2.7992	78.875	84.3442	774.188	930.534	-0.591029	5.80281	43.9257	-0.013438
2.8002	78.875	83.7971	774.188	933.812	-0.574724	5.79938	44.4885	-0.012813
2.8012	78.7383	84.3442	777.823	939.958	-0.574724	5.79989	43.5803	-0.013438
2.8022	79.0117	84.3442	779.879	980.523	-0.55842	5.79989	43.6296	-0.010838
2.8032	78.875	84.2074	785.704	1020.68	-0.574724	5.79489	43.2842	-0.013125
2.8042	78.1916	84.3442	789.369	1020.68	-0.542116	5.78469	43.2842	-0.010825
2.8052	78.875	84.3442	779.894	1016.44	-0.533964	5.78408	43.2842	-0.011583
2.8062	78.8016	84.3442	776.785	1000.46	-0.542116	5.78219	42.8388	-0.011875
2.8072	78.7383	84.3442	776.188	981.07	-0.525812	5.78844	43.3828	-0.011875

2.8082	79.1483	84.0706	778.453	978.426	-0.529888	5.79719	43.531	-0.014083
2.8092	78.875	84.2074	777.262	984.348	-0.525812	5.79906	43.7777	-0.010313
2.8102	79.0117	84.2074	778.851	987.216	-0.501355	5.80094	44.0244	-0.011583
2.8112	78.8016	84.481	778.587	992.818	-0.485051	5.80489	44.5178	-0.014083
2.8122	78.7383	84.6178	771.085	994.045	-0.480876	5.80469	43.9751	-0.011875
2.8132	78.8016	84.3442	770.399	987.079	-0.483203	5.80656	43.7777	-0.013125
2.8142	79.1483	84.6178	774.054	980.523	-0.452443	5.80837	43.4816	-0.012188
2.8152	79.1483	84.481	776.587	977.382	-0.460596	5.80989	42.9882	-0.01125
2.8162	78.875	84.2074	777.709	974.787	-0.440214	5.80469	42.8885	-0.012188
2.8172	79.1483	84.0706	779.08	977.108	-0.484871	5.78094	42.7908	-0.012188
2.8182	78.0549	84.6178	778.851	984.075	-0.480595	5.75875	42.7908	-0.011875
2.8192	78.875	84.3442	778.166	987.626	-0.440214	5.73989	42.5834	-0.012813
2.8202	79.1483	84.2074	778.988	981.723	-0.438138	5.77719	42.8895	-0.009063
2.8212	78.875	83.9339	779.785	987.188	-0.480595	5.82156	43.2842	-0.013438
2.8222	79.0117	84.481	781.384	989.099	-0.432082	5.80781	43.5803	-0.012813
2.8232	78.875	84.3442	782.049	988.982	-0.419834	5.81094	43.8764	-0.013125
2.8242	79.4217	84.3442	779.537	986.367	-0.415758	5.80844	43.6296	-0.012188
2.8252	78.7383	84.481	777.823	993.089	-0.387228	5.80531	43.5803	-0.012813
2.8262	78.875	84.3442	775.882	991.04	-0.415758	5.80719	43.5803	-0.010825
2.8272	78.875	84.2074	776.224	991.896	-0.379074	5.80469	43.531	-0.012813
2.8282	79.5584	84.0706	777.024	994.182	-0.379074	5.80281	43.4323	-0.011875
2.8292	79.0117	84.481	777.024	996.913	-0.379074	5.80094	43.0868	-0.012813
2.8302	79.1483	84.481	778.91	998.006	-0.379074	5.79719	43.0868	-0.012813
2.8312	78.875	84.6178	776.587	996.367	-0.387228	5.78662	43.3336	-0.010313
2.8322	78.875	83.9339	776.188	994.885	-0.354617	5.79781	43.5803	-0.013125
2.8332	78.875	84.6178	775.653	994.182	-0.354617	5.80094	43.4323	-0.012813
2.8342	78.875	83.7971	777.367	993.489	-0.350541	5.80094	43.4816	-0.012813
2.8352	79.0117	84.2074	777.481	995.274	-0.342389	5.80437	43.0868	-0.012813
2.8362	78.4649	84.481	778.28	996.367	-0.354617	5.80687	43.0868	-0.012813
2.8372	79.1483	84.6178	778.166	996.279	-0.301628	5.8025	42.9882	-0.010825
2.8382	78.875	84.3442	777.823	996.006	-0.309781	5.80531	42.9882	-0.012813
2.8392	78.8016	84.3442	777.938	997.323	-0.313857	5.80719	42.9882	-0.012813
2.8402	79.1483	84.3442	777.938	997.889	-0.322009	5.80656	42.9388	-0.012188
2.8412	78.7383	84.2074	778.052	998.23	-0.297552	5.80156	42.7414	-0.013438
2.8422	78.875	84.481	778.395	996.084	-0.297552	5.77812	42.7908	-0.010313
2.8432	78.875	84.3442	778.395	996.367	-0.273096	5.75844	42.7908	-0.012188
2.8442	79.0117	84.2074	777.938	997.46	-0.24884	5.74489	42.9388	-0.012813
2.8452	79.1483	84.481	777.481	997.889	-0.232335	5.76375	42.4947	-0.012813
2.8462	79.1483	84.481	776.91	997.188	-0.264944	5.82406	42.4947	-0.011563
2.8472	78.3283	84.481	777.481	998.552	-0.244584	5.81219	42.386	-0.012813
2.84821	78.875	84.6178	778.052	998.416	-0.224183	5.81312	42.3467	-0.01125
2.84921	79.0117	84.2074	777.823	998.006	-0.191575	5.81219	42.1986	-0.012813
2.85021	78.875	84.3442	777.481	998.416	-0.236411	5.81406	42.2973	-0.013125
2.85121	79.1483	84.3442	778.795	998.552	-0.207879	5.81187	42.3467	-0.010313
2.85221	79.4217	84.3442	777.709	997.889	-0.207879	5.80989	42.1	-0.012813
2.85321	79.0117	84.3442	778.28	999.372	-0.199727	5.80906	42.0013	-0.00875
2.85421	78.875	84.8913	777.252	998.279	-0.183423	5.80656	42.0013	-0.011875
2.85521	78.875	84.481	777.252	998.552	-0.191575	5.80219	42.1986	-0.0125
2.85621	79.1483	84.481	777.481	999.645	-0.167118	5.80489	42.1986	-0.0125
2.85721	79.0117	84.6178	777.938	999.645	-0.142862	5.80719	42.0013	-0.014083
2.85821	79.1483	84.481	778.166	999.918	-0.142862	5.80813	41.8532	-0.013125
2.85921	78.875	84.2074	777.709	999.918	-0.142862	5.80844	41.8038	-0.01375

2.86021	79.0117	84.0706	777.823	999.918	-0.110054	5.80969	41.7545	-0.011563
2.86121	79.1483	84.3442	778.169	999.918	-0.150814	5.81083	41.7545	-0.012188
2.86221	79.0117	84.3442	777.938	999.645	-0.13451	5.81344	41.7545	-0.013438
2.86321	78.7383	84.6178	777.709	1000.05	-0.110054	5.81781	41.8085	-0.011875
2.86421	78.0549	84.6178	777.481	984.348	-0.118206	5.81719	41.7545	-0.008375
2.86521	78.875	83.9339	774.397	987.685	-0.110054	5.81969	41.5572	-0.012813
2.86621	79.1483	84.0706	773.255	986.592	-0.101902	5.81219	41.7052	-0.014063
2.86721	79.4217	84.3442	777.481	949.109	-0.101902	5.78719	41.8558	-0.013126
2.86821	78.7383	84.3442	774.511	945.012	-0.101902	5.77219	41.2117	-0.012813
2.86921	79.0117	84.481	773.597	947.081	-0.093749	5.75781	41.5572	-0.011563
2.87021	78.7383	84.6178	777.481	951.295	-0.081521	5.78084	41.2117	-0.012813
2.87121	79.1483	84.2074	779.308	988.718	-0.057065	5.83844	40.985	-0.0125
2.87221	78.875	84.2074	785.248	1026.01	-0.101902	5.82084	40.6196	-0.012188
2.87321	78.875	83.7971	787.76	1024.78	-0.068293	5.82158	40.5209	-0.010938
2.87421	78.875	84.3442	778.986	1019.86	-0.057065	5.81969	40.2742	-0.014376
2.87521	79.0117	84.3442	776.567	1004.02	-0.077445	5.81869	40.2249	-0.013125
2.87621	79.1483	84.3442	777.595	983.118	-0.077445	5.81869	39.9781	-0.012188
2.87721	79.0117	84.481	775.653	981.616	-0.061141	5.82084	40.5209	-0.012188
2.87821	79.1483	84.481	777.252	986.908	-0.052989	5.82158	40.6196	-0.012188
2.87921	79.1483	84.481	778.395	991.08	-0.057065	5.81858	40.6196	-0.012188
2.88021	78.7383	83.5238	775.425	997.188	-0.044837	5.81781	40.6196	-0.012813
2.88121	79.0117	84.3442	770.628	996.552	-0.044837	5.81582	40.4222	-0.012813
2.88221	78.875	84.3442	770.858	991.177	-0.038885	5.81719	40.3729	-0.013125
2.88321	79.0117	84.6178	773.828	983.938	-0.052989	5.81719	40.2249	-0.012813
2.88421	79.1483	84.3442	775.882	980.797	-0.028532	5.81781	40.0788	-0.011563
2.88521	79.0117	83.7971	778.395	977.245	-0.012228	5.81844	39.8794	-0.011563
2.88621	78.875	84.3442	778.395	978.884	-0.028532	5.81808	39.7314	-0.010626
2.88721	79.0117	84.481	777.938	983.685	-0.038885	5.82281	39.4353	-0.013125
2.88821	79.1483	84.6178	776.339	987.079	-0.044837	5.82158	39.6327	-0.012813
2.88921	78.875	84.481	777.252	990.767	-0.024456	5.82408	39.8288	-0.012813
2.89021	79.1483	84.3442	779.308	994.728	-0.012228	5.82594	39.7808	-0.011875
2.89121	79.1483	84.6178	780.807	996.23	-0.012228	5.81408	39.7314	-0.014063
2.89221	79.1483	84.0706	779.994	995.138	-0.02036	5.78844	39.8301	-0.013438
2.89321	79.1483	84.3442	778.168	993.835	-0.004076	5.77084	39.7808	-0.012188
2.89421	79.4217	84.481	776.453	990.357	-0.032809	5.75408	39.7314	-0.010938
2.89521	78.875	84.6178	775.196	988.172	-0.008152	5.81344	39.534	-0.012813
2.89621	79.1483	83.9339	774.74	988.718	-0.028532	5.83187	39.4353	-0.0125
2.89721	78.875	84.3442	775.653	990.084	-0.024456	5.82375	39.388	-0.011563
2.89821	78.875	84.481	775.653	991.587	-0.016304	5.82594	38.8432	-0.013438
2.89921	79.1483	84.6178	775.311	993.089	-0.012228	5.82813	38.9912	-0.013438
2.90021	78.8016	84.6178	775.082	991.45	-0.008152	5.82582	39.3386	-0.012813
2.90121	79.0117	84.3442	774.283	988.718	-0.004076	5.82584	38.8432	-0.012813
2.90221	79.1483	84.6178	774.511	988.718	-0.004076	5.82719	38.7939	-0.012813
2.90321	79.0117	84.481	776.339	988.855	-0.004076	5.82281	38.5471	-0.012813
2.90421	78.7383	84.6178	776.567	989.538	-0.024456	5.82281	38.5471	-0.011875
2.90521	79.0117	84.0706	776.567	990.357	-0.02036	5.81908	38.6458	-0.01125
2.90621	78.875	84.3442	777.024	991.45	-0.004076	5.81719	38.4484	-0.012813
2.90721	78.875	84.3442	776.453	990.804	-0.004076	5.82219	38.0537	-0.012188
2.90821	79.0117	84.3442	776.567	989.811	-0.004076	5.81908	38.1524	-0.011563
2.90921	79.1483	84.6178	776.567	988.172	-0.02036	5.81594	37.8589	-0.014688
2.91021	79.1483	84.2074	776.795	988.991	-0.004076	5.81989	37.8583	-0.014063
2.91121	79.1483	84.2074	777.024	988.718	-0.004076	5.82281	37.8583	-0.012813

2.91221	78.875	84.3442	776.11	989.128	-0.004076	5.82281	37.6589	-0.014375
2.91321	78.875	84.6178	775.082	988.718	-0.004076	5.82806	37.6602	-0.011563
2.91421	79.4217	84.481	775.196	988.981	-0.004076	5.82719	37.6602	-0.019125
2.91521	79.0117	84.0708	774.74	989.265	0.02038	5.82489	37.3829	-0.014063
2.91621	79.5584	84.6178	774.74	989.128	-0.012228	5.80406	37.1181	-0.012813
2.91721	78.875	84.6178	775.196	989.265	-0.004076	5.78406	37.3135	-0.012188
2.91821	78.875	84.3442	775.539	988.582	-0.004076	5.78594	37.0668	-0.012813
2.91921	79.0117	84.6178	775.311	987.899	-0.012228	5.77219	37.1855	-0.010938
2.92021	78.6018	84.3442	774.283	988.67	-0.038685	5.83989	36.3288	-0.012813
2.92121	79.0117	84.0708	774.511	988.172	-0.004076	5.82594	36.8188	-0.012188
2.92221	78.875	84.0708	774.74	987.626	0.024456	5.83219	37.1181	-0.012188
2.92321	78.875	84.481	775.196	988.582	-0.004076	5.83125	36.7707	-0.011563
2.92421	79.1483	84.3442	775.539	988.172	0.02038	5.83158	36.672	-0.012813
2.92521	79.0117	84.6178	774.74	988.172	-0.004076	5.82969	36.5733	-0.013125
2.92621	79.8951	84.6178	775.196	987.826	0.040761	5.82908	36.3288	-0.01126
2.92721	78.875	84.6178	774.74	987.352	-0.004076	5.82489	36.2773	-0.012188
2.92821	79.0117	84.2074	774.74	986.943	-0.004076	5.82168	36.2773	-0.013125
2.92921	79.1483	84.6178	774.74	988.172	0.02038	5.82219	36.4747	-0.012188
2.93021	78.875	84.6178	774.74	987.079	-0.004076	5.81969	36.6227	-0.011876
2.93121	78.875	84.3442	773.828	986.26	-0.004076	5.82594	35.7345	-0.01375
2.93221	78.7383	84.481	774.054	985.967	-0.004076	5.82658	36.0306	-0.015313
2.93321	79.0117	84.0708	773.828	978.884	-0.004076	5.82687	36.4253	-0.012813
2.93421	79.1483	84.0708	772.113	982.485	0.02038	5.83219	35.8812	-0.014063
2.93521	78.6018	84.0708	770.828	982.065	-0.004076	5.83219	35.8825	-0.012188
2.93621	78.6018	85.0281	773.389	947.197	-0.004076	5.83344	35.8825	-0.013438
2.93721	79.0117	84.6178	771.541	940.085	0.052989	5.83938	35.8825	-0.011563
2.93821	78.1483	84.2074	768.8	935.998	-0.004076	5.83531	35.5371	-0.012188
2.93921	78.1483	84.3442	771.77	934.495	-0.008152	5.83375	35.4878	-0.013125
2.94021	78.875	84.481	773.597	949.383	0.024456	5.81687	35.4878	-0.011876
2.94121	78.7383	84.6178	776.11	973.867	-0.004076	5.79719	35.1917	-0.014063
2.94221	79.1483	84.3442	777.709	972.192	-0.040761	5.77408	34.4022	-0.011563
2.94321	78.875	84.2074	773.389	971.782	-0.004076	5.76875	34.5996	-0.012813
2.94421	78.6018	84.6178	773.141	961.402	-0.004076	5.83938	34.9943	-0.012813
2.94521	78.6018	84.3442	773.255	947.88	-0.004076	5.84408	34.8489	-0.014688
2.94621	79.1483	83.9339	772.227	944.739	0.02038	5.84489	35.0437	-0.013438
2.94721	78.7383	84.3442	773.389	948.29	-0.004076	5.84219	34.5009	-0.013438
2.94821	78.875	84.3442	774.74	952.524	-0.004076	5.84281	34.5996	-0.0125
2.94921	78.6018	84.3442	772.455	954.848	-0.004076	5.83969	34.5996	-0.0125
2.95021	78.875	84.2074	769.257	956.485	-0.004076	5.83844	34.6009	-0.012813
2.95121	79.4217	84.481	768.115	950.885	-0.004076	5.83825	34.4022	-0.01375
2.95221	79.1483	84.481	769.714	942.983	-0.004076	5.83594	33.9087	-0.012813
2.95321	79.0117	84.3442	769.714	937.383	-0.081141	5.83031	33.514	-0.015313
2.95421	79.0117	84.3442	770.057	934.905	-0.004076	5.83344	34.0568	-0.013125
2.95521	79.1483	84.0708	771.858	934.085	0.028532	5.83489	34.1556	-0.013438
2.95621	79.5584	84.2074	771.085	935.724	-0.004076	5.83219	33.8127	-0.014688
2.95721	79.285	84.3442	770.399	937.91	-0.004076	5.83489	33.7114	-0.010825
2.95821	79.1483	84.0708	770.513	939.549	-0.004076	5.83437	33.4848	-0.011583
2.95921	79.1483	84.3442	771.77	941.188	0.028532	5.83489	33.8127	-0.01375
2.96021	79.1483	84.6178	773.489	941.734	-0.004076	5.83858	33.4848	-0.013438
2.96121	79.1483	84.481	773.141	941.188	-0.004076	5.83908	33.4153	-0.012813
2.96221	78.875	84.481	771.998	939.549	-0.004076	5.8375	33.3659	-0.012813
2.96321	79.0117	84.0708	770.742	935.998	-0.004076	5.83719	33.1182	-0.013438

2.98421	79.0117	85.1849	770.856	934.788	-0.008152	5.82719	32.8725	-0.012188
2.98521	79.0117	84.2074	769.257	933.539	-0.004078	5.79969	33.0205	-0.015313
2.98621	78.4649	84.6178	769.942	934.085	-0.004078	5.78489	33.6127	-0.012188
2.98721	78.875	84.3442	769.942	934.359	-0.016304	5.76937	33.1182	-0.01125
2.98821	79.1483	84.6178	769.714	933.949	-0.004078	5.80989	33.1182	-0.010825
2.98921	79.4217	84.6178	769.029	932.856	-0.004078	5.85187	32.8725	-0.012813
2.97021	79.1483	84.0708	768.115	931.217	-0.004078	5.83844	32.7245	-0.010825
2.97121	78.3283	84.6178	768.572	928.622	-0.004078	5.83989	32.6258	-0.010625
2.97221	78.3283	84.6178	768.572	927.939	-0.004078	5.83719	32.7245	-0.012188
2.97321	78.875	84.481	769.257	927.529	-0.004078	5.83812	32.4284	-0.011875
2.97421	79.1483	84.3442	769.8	925.344	-0.004078	5.83344	32.4284	-0.011583
2.97521	79.0117	84.0708	769.257	924.252	-0.02038	5.83408	32.231	-0.011583
2.97621	79.0117	84.3442	769.8	924.115	-0.008152	5.83312	32.2804	-0.012813
2.97721	79.0117	84.0708	768.572	922.888	-0.004078	5.83158	32.5271	-0.011583
2.97821	79.8951	84.481	768.229	920.974	-0.004078	5.83437	31.9843	-0.011583
2.97921	78.875	84.481	768.458	919.198	0.02038	5.83858	31.9349	-0.012813
2.98021	79.285	84.481	769.257	917.698	-0.012228	5.83594	32.0336	-0.012813
2.98121	79.1483	84.3442	768.115	916.057	-0.004078	5.83281	31.8856	-0.013438
2.98221	78.875	84.3442	768.001	914.827	-0.004078	5.83281	31.5895	-0.012813
2.98321	79.1483	84.481	767.43	913.735	-0.004078	5.83344	31.6389	-0.013125
2.98421	79.1483	84.3442	767.201	912.505	-0.004078	5.83719	31.7378	-0.01125
2.98521	78.3283	84.481	767.772	911.14	-0.004078	5.83719	31.5402	-0.012188
2.98622	78.875	84.0708	768.343	910.184	-0.004078	5.83858	31.5402	-0.010313
2.98722	79.285	84.2074	766.402	907.882	-0.004078	5.83806	31.4908	-0.012813
2.98822	79.1483	84.3442	767.201	906.832	-0.012228	5.83781	31.4908	-0.012813
2.98922	79.1483	84.481	766.744	906.876	-0.004078	5.81825	31.3428	-0.013438
2.99022	79.0117	83.9338	766.518	903.764	-0.004078	5.79406	31.3428	-0.012813
2.99122	79.0117	84.481	766.287	902.398	-0.004078	5.77187	31.4415	-0.011875
2.99222	79.1483	84.481	765.945	901.306	0.028532	5.78625	31.2835	-0.013125
2.99322	79.5584	84.3442	766.518	899.394	-0.004078	5.85344	31.0467	-0.013438
2.99422	79.0117	84.3442	766.402	898.028	-0.004078	5.83375	31.2441	-0.010938
2.99522	78.875	84.3442	766.173	897.481	-0.004078	5.83875	31.1454	-0.012188
2.99622	79.0117	84.3442	766.287	895.296	-0.008152	5.83844	30.8967	-0.01375
2.99722	78.875	84.2074	766.518	893.111	-0.004078	5.83719	31.2441	-0.011563
2.99822	78.8016	84.6178	765.374	892.838	-0.008152	5.83531	30.6028	-0.01375
2.99922	78.875	83.7871	765.602	891.199	-0.004078	5.83469	31.4415	-0.014083
3.00022	79.1483	84.3442	765.145	890.243	-0.004078	5.83582	30.7507	-0.013438
3.00122	79.1483	83.8803	766.059	889.56	-0.004078	5.83875	30.8494	-0.012813
3.00222	79.0117	84.3442	765.031	887.848	-0.004078	5.84219	30.8	-0.011563
3.00322	78.7383	84.6178	765.145	890.789	-0.004078	5.83989	30.7013	-0.012813
3.00422	79.1483	84.3442	765.602	894.477	-0.004078	5.83989	30.9481	-0.013438
3.00522	79.1483	84.6178	766.059	894.067	-0.004078	5.84219	30.7507	-0.013125
3.00622	79.8951	84.6178	764.688	893.301	-0.004078	5.83969	30.7507	-0.012813
3.00722	79.1483	84.2074	765.602	897.208	-0.004078	5.84219	30.8494	-0.013125
3.00822	78.3283	84.6178	766.059	896.389	-0.004078	5.84406	30.8494	-0.010938
3.00922	79.4217	84.3442	763.775	895.296	-0.016304	5.84312	30.8	-0.014083
3.01022	78.875	84.481	764.346	893.111	-0.004078	5.84582	31.1454	-0.013438
3.01122	79.8951	84.481	764.232	891.335	-0.004078	5.84812	30.9481	-0.01375
3.01222	79.1483	84.3442	764.346	891.082	-0.004078	5.84844	30.5533	-0.012188
3.01322	79.1483	84.2074	763.204	890.106	-0.004078	5.83408	30.9481	-0.014083
3.01422	78.875	84.3442	763.66	888.833	0.02038	5.81187	30.8967	-0.013438
3.01522	78.7383	84.3442	763.775	888.74	-0.004078	5.78312	30.9481	-0.012188

3.01822	79.4217	84.8178	762.861	887.101	-0.008152	5.78937	30.8	-0.013438
3.01722	79.5584	84.8178	762.832	886.828	-0.004076	5.86281	30.8494	-0.013125
3.01822	78.875	84.3442	763.089	884.086	-0.004076	5.85594	30.9481	-0.013438
3.01922	79.4217	84.8178	763.432	883.55	-0.004076	5.86094	30.8494	-0.011563
3.02022	78.7383	84.3442	762.747	882.731	-0.004076	5.85989	31.0981	-0.012188
3.02122	79.5584	84.3442	763.089	883.14	-0.004076	5.85844	31.1454	-0.011563
3.02222	78.875	84.3442	762.861	881.838	-0.004076	5.85906	30.9481	-0.014063
3.02322	79.0117	84.3442	762.861	881.838	-0.004076	5.86094	31.1454	-0.012813
3.02422	79.1483	84.481	762.861	881.501	-0.004076	5.85594	30.9481	-0.013438
3.02522	78.875	83.7971	762.832	881.365	0.028532	5.85594	31.0467	-0.011563
3.02622	78.875	84.0706	762.875	880.955	0.040781	5.85281	30.9974	-0.012813
3.02722	78.875	84.0706	762.747	879.999	-0.004076	5.85094	31.2441	-0.010838
3.02822	78.8016	84.2074	762.861	880.545	-0.004076	5.85156	31.0981	-0.01375
3.02922	79.6951	84.481	762.832	879.179	-0.004076	5.85187	31.1454	-0.011875
3.03022	79.1483	84.2074	762.832	879.316	-0.004076	5.85219	30.9481	-0.009083
3.03122	79.1483	84.2074	761.033	878.36	-0.012228	5.85531	31.0981	-0.014063
3.03222	79.1483	84.8178	761.947	878.633	-0.004076	5.85719	31.2936	-0.012813
3.03322	79.1483	84.481	761.947	878.806	-0.004076	5.85856	31.5895	-0.012813
3.03422	79.1483	84.8178	761.947	878.77	0.02038	5.86219	31.4908	-0.012813
3.03522	78.875	84.2074	761.033	877.814	-0.004076	5.86375	31.1454	-0.013438
3.03622	79.1483	84.3442	761.282	877.267	-0.004076	5.86188	31.2441	-0.011875
3.03722	79.0117	84.481	761.282	876.884	0.024458	5.84469	31.2936	-0.011875
3.03822	79.0117	84.481	761.282	877.267	-0.004076	5.82408	31.3922	-0.011875
3.03922	78.285	84.3442	761.376	877.404	-0.004076	5.80594	31.3428	-0.012813
3.04022	79.1483	84.481	761.033	878.721	-0.008152	5.79719	31.1454	-0.012813
3.04122	79.1483	84.3442	760.806	875.628	-0.004076	5.86531	31.0981	-0.012168
3.04222	79.1483	84.3442	761.033	875.901	-0.004076	5.87094	31.1454	-0.014063
3.04322	79.4217	84.481	761.033	875.355	0.024458	5.87219	31.3922	-0.0125
3.04422	79.1483	84.481	760.12	874.845	-0.004076	5.87158	31.1454	-0.011563
3.04522	79.1483	84.481	760.12	875.082	-0.004076	5.86875	30.8987	-0.012188
3.04622	79.0117	84.481	760.12	874.536	-0.012228	5.87344	31.0981	-0.013438
3.04722	79.1483	83.7971	760.12	874.536	-0.008152	5.86594	31.0467	-0.011563
3.04822	79.1483	84.2074	760.12	873.989	-0.004076	5.86719	31.2441	-0.012813
3.04922	79.1483	84.481	759.777	873.716	-0.02038	5.86489	31.0467	-0.012188
3.05022	79.4217	84.481	760.12	874.809	-0.004076	5.86219	30.9481	-0.013438
3.05122	79.285	84.2074	759.777	873.443	-0.004076	5.86219	31.5402	-0.012188
3.05222	79.0117	84.0706	758.891	872.897	-0.008152	5.86344	30.9481	-0.012188
3.05322	79.5584	84.8178	760.12	873.716	-0.004076	5.86437	31.2936	-0.013125
3.05422	79.285	84.481	759.891	872.897	-0.004076	5.86489	30.9974	-0.013438
3.05522	79.5584	84.481	759.777	872.897	-0.004076	5.86719	31.2441	-0.013438
3.05622	79.1483	84.3442	759.891	873.306	-0.004076	5.86844	31.6389	-0.012188
3.05722	79.4217	84.481	760.12	872.623	-0.004076	5.86989	31.4908	-0.013438
3.05822	78.875	84.8178	759.891	872.897	-0.004076	5.86906	31.4908	-0.012813
3.05922	79.1483	84.8178	759.206	872.214	0.040761	5.86989	31.5402	-0.012188
3.06022	79.4217	84.3442	759.206	872.214	-0.004076	5.87219	31.6882	-0.012188
3.06122	79.1483	84.8178	759.206	873.443	-0.004076	5.85594	31.1948	-0.014688
3.06222	78.285	84.0706	758.977	871.804	-0.004076	5.83437	31.5895	-0.012613
3.06322	78.285	84.8178	759.549	872.214	-0.004076	5.81594	31.6389	-0.008688
3.06422	79.4217	84.3442	758.863	871.258	-0.004076	5.80408	31.6882	-0.012613
3.06522	79.0117	84.3442	758.521	871.531	-0.004076	5.86856	31.8858	-0.011563
3.06622	79.1483	83.9339	758.406	871.121	-0.004076	5.87989	31.6882	-0.014063
3.06722	78.8016	84.0706	758.521	871.531	-0.004076	5.87781	31.7889	-0.012188

3.06822	79.1483	84.2074	758.749	871.667	-0.004076	5.87719	31.9349	-0.012813
3.06822	79.4217	84.3442	758.749	871.121	-0.004076	5.87656	32.0338	-0.012188
3.07022	79.1483	84.3442	758.749	871.258	0.036685	5.87656	31.8363	-0.012813
3.07122	79.1483	84.3442	758.749	871.258	-0.004076	5.87219	31.8363	-0.014063
3.07222	79.1483	84.8913	758.749	871.667	-0.004076	5.87094	31.9349	-0.011563
3.07322	79.4217	84.2074	758.521	870.984	-0.004076	5.86989	32.1323	-0.011875
3.07422	79.4217	84.6178	758.292	870.984	-0.008152	5.86844	32.231	-0.012813
3.07522	79.1483	84.6178	758.292	871.258	0.02038	5.86937	32.231	-0.014688
3.07622	79.1483	84.3442	757.378	869.619	-0.004076	5.86718	32.231	-0.013125
3.07722	79.1483	84.3442	758.178	870.711	-0.004076	5.87031	32.5271	-0.012188
3.07822	79.1483	84.0706	757.95	870.028	-0.004076	5.87219	32.231	-0.013125
3.07922	79.1483	84.481	757.721	870.575	-0.004076	5.87687	32.2804	-0.011563
3.08022	79.1483	84.6178	757.835	869.619	-0.004076	5.86989	32.6258	-0.012813
3.08122	79.5584	84.6178	758.178	870.711	0.040761	5.87469	32.6258	-0.012813
3.08222	79.1483	84.3442	757.95	870.711	-0.004076	5.87531	32.5271	-0.012813
3.08322	79.4217	84.481	757.835	871.531	-0.004076	5.87594	32.5764	-0.011875
3.08422	79.6951	84.6178	757.607	869.619	-0.016304	5.87812	32.5271	-0.012813
3.08522	79.1483	84.6178	758.064	870.438	-0.004076	5.86989	32.7245	-0.012188
3.08622	79.1483	84.2074	758.064	869.619	-0.004076	5.84281	32.6751	-0.012188
3.08722	79.4217	84.6178	757.721	869.892	-0.004076	5.82594	32.9218	-0.012813
3.08822	79.4217	84.6178	757.493	870.438	-0.004076	5.80837	32.9712	-0.011875
3.08922	79.1483	84.6178	757.835	870.438	-0.004076	5.86469	32.8232	-0.013125
3.09022	78.875	83.7971	757.036	870.302	0.024456	5.89063	32.9218	-0.013125
3.09122	79.1483	84.0706	757.264	870.438	-0.004076	5.87719	32.9712	-0.012188
3.09222	79.1483	84.2074	757.378	870.438	0.044837	5.88156	33.0699	-0.012813
3.09322	79.6951	84.3442	758.922	870.028	-0.004076	5.88084	32.9218	-0.012813
3.09422	79.0117	84.6178	757.607	871.258	-0.004076	5.87906	33.2673	-0.012813
3.09522	79.0117	83.9339	756.485	869.345	-0.02038	5.87564	33.1686	-0.014063
3.09622	78.7383	84.0706	756.922	870.165	-0.004076	5.87844	33.2673	-0.010625
3.09722	79.0117	83.9339	756.922	869.619	-0.004076	5.87344	32.9218	-0.013438
3.09822	79.6951	84.481	756.922	869.892	-0.012228	5.87219	33.1192	-0.013438
3.09922	79.4217	84.2074	757.378	870.302	-0.004076	5.87531	33.7607	-0.0125
3.10022	79.4217	84.0706	756.922	869.619	0.028532	5.87313	33.2179	-0.012188
3.10122	79.1483	84.481	756.922	870.711	-0.004076	5.87437	33.514	-0.012188
3.10222	79.1483	84.6178	757.036	870.711	0.036685	5.87656	33.4646	-0.014063
3.10322	79.5584	84.481	756.922	870.302	0.028532	5.87469	33.514	-0.012188
3.10422	79.4217	83.7971	756.922	870.302	-0.004076	5.87584	33.4153	-0.013125
3.10522	79.6951	84.481	756.922	870.575	-0.004076	5.87844	33.81	-0.010625
3.10622	79.285	84.0706	756.485	870.711	0.02038	5.87844	33.81	-0.012188
3.10722	79.0117	84.0706	757.036	870.165	-0.012228	5.87669	33.8127	-0.012188
3.10822	79.5584	84.6178	757.036	870.711	-0.004076	5.88344	33.81	-0.014688
3.10922	79.4217	84.2074	756.485	869.619	-0.004076	5.87469	33.9581	-0.012188
3.11022	79.1483	84.3442	757.378	870.438	0.024456	5.85375	34.2048	-0.013438
3.11122	79.4217	84.481	756.485	870.711	-0.004076	5.83469	33.81	-0.012188
3.11222	79.1483	84.481	757.16	870.984	-0.004076	5.81582	34.0568	-0.012813
3.11322	79.285	84.3442	756.893	870.575	-0.004076	5.85219	34.2048	-0.010638
3.11422	79.4217	84.0706	756.238	870.438	0.024456	5.89406	34.2048	-0.013125
3.11522	78.875	83.7971	756.485	871.121	-0.004076	5.88084	34.1081	-0.011875
3.11622	79.5584	84.481	756.922	871.258	-0.004076	5.88531	34.1081	-0.014063
3.11722	79.8318	84.6178	756.893	870.984	-0.032609	5.88156	34.1081	-0.0125
3.11822	79.285	84.3442	756.485	870.848	-0.004076	5.87989	34.1555	-0.013125
3.11922	79.1483	84.3442	756.35	870.165	-0.02038	5.87989	33.8594	-0.014063

3.12022	79.5584	84.3442	755.551	870.884	-0.008152	5.87906	34.2048	-0.012188
3.12122	79.8318	84.6178	756.807	871.258	0.016304	5.87989	34.4022	-0.012813
3.12222	79.5584	84.3442	756.465	870.711	-0.004076	5.87937	34.3035	-0.012813
3.12322	79.4217	83.7971	756.35	871.941	-0.004076	5.87844	34.3035	-0.012813
3.12422	79.4217	84.3442	756.807	871.531	-0.004076	5.87825	34.4022	-0.013125
3.12523	79.4217	84.2074	757.036	871.667	0.02038	5.87719	34.4515	-0.014083
3.12623	79.6851	84.481	756.922	871.667	-0.012228	5.87856	34.3035	-0.012813
3.12723	79.6851	83.7971	756.693	873.17	-0.004076	5.87989	34.6882	-0.011563
3.12823	79.5584	84.481	756.465	871.531	-0.004076	5.88158	34.4515	-0.013438
3.12923	79.285	84.3442	756.465	871.667	-0.004076	5.88281	34.8483	-0.00875
3.13023	79.4217	84.2074	756.35	870.575	-0.02038	5.88219	34.5009	-0.015313
3.13123	79.9885	84.6178	756.465	871.667	-0.004076	5.88844	34.8858	-0.012188
3.13223	79.4217	84.0708	756.465	871.384	-0.012228	5.88658	34.8858	-0.014083
3.13323	79.6851	84.3442	756.465	872.214	0.02038	5.87812	34.6882	-0.013125
3.13423	79.6851	84.6178	756.465	871.804	-0.004076	5.85719	34.6882	-0.013125
3.13523	79.6851	84.0708	756.008	871.258	-0.004076	5.83469	34.6858	-0.012813
3.13623	79.6851	84.3442	756.465	871.667	0.044837	5.81969	34.9943	-0.011875
3.13723	79.4217	84.481	756.465	872.077	-0.004076	5.85158	34.7869	-0.012188
3.13823	79.5584	84.2074	756.465	872.823	-0.004076	5.90125	34.6882	-0.012813
3.13923	79.5584	84.3442	756.465	872.214	-0.004076	5.88887	34.8858	-0.0125
3.14023	79.5584	84.0708	757.036	872.077	-0.004076	5.89094	35.0437	-0.010313
3.14123	79.4217	84.3442	756.084	870.438	-0.044837	5.88375	34.4515	-0.015838
3.14223	79.8318	83.7971	756.008	872.077	-0.004076	5.88812	34.7869	-0.013438
3.14323	79.1483	84.3442	756.008	872.077	-0.004076	5.88887	35.2904	-0.013438
3.14423	79.6851	84.3442	756.35	872.623	-0.004076	5.88469	34.6882	-0.011875
3.14523	79.8318	83.9339	756.465	872.76	0.02038	5.88594	34.9943	-0.012813
3.14623	79.4217	84.3442	756.236	872.487	-0.004076	5.8825	35.093	-0.012188
3.14723	79.6851	84.3442	756.465	872.897	0.044837	5.87989	35.3397	-0.011563
3.14823	79.9885	84.481	756.465	872.76	-0.004076	5.87989	35.1917	-0.012813
3.14923	79.5584	84.481	756.465	872.077	-0.008152	5.88094	35.2904	-0.0125
3.15023	79.4217	84.2074	756.465	872.823	-0.004076	5.87844	35.2904	-0.012813
3.15123	79.8318	85.1649	756.693	872.35	-0.004076	5.88219	35.241	-0.012813
3.15223	79.5584	84.481	756.465	871.531	-0.028532	5.87989	34.6882	-0.014083
3.15323	80.2419	83.7971	756.465	872.623	-0.004076	5.88281	35.2904	-0.012188
3.15423	79.6851	84.3442	756.922	873.033	-0.004076	5.88719	35.3397	-0.012813
3.15523	79.6851	84.3442	756.35	873.308	-0.004076	5.88825	35.2904	-0.01125
3.15623	79.5584	84.8913	756.922	873.58	0.024458	5.88781	35.3397	-0.012188
3.15723	79.8318	84.3442	756.008	872.823	-0.004076	5.88219	35.4878	-0.012813
3.15823	79.5584	84.3442	756.922	873.033	0.024458	5.85969	35.241	-0.012813
3.15923	79.5584	84.3442	756.922	873.17	0.028532	5.83969	35.093	-0.014083
3.16023	79.8318	84.0708	756.236	873.58	-0.004076	5.82094	35.2904	-0.014888
3.16123	79.6851	84.2074	756.807	872.897	-0.004076	5.82594	35.241	-0.011563
3.16223	79.6851	84.481	756.922	872.76	-0.004076	5.89875	35.4878	-0.015
3.16323	79.1483	83.7971	756.35	872.077	-0.052969	5.88469	34.9943	-0.014688
3.16423	79.9885	84.8813	755.779	872.623	-0.004076	5.89063	35.4878	-0.013125
3.16523	79.1483	83.9339	756.465	873.989	0.028532	5.88989	35.8825	-0.012188
3.16623	79.8318	84.2074	756.465	873.443	-0.004076	5.88719	35.2904	-0.014083
3.16723	79.9885	84.3442	756.922	873.853	-0.004076	5.88969	35.4384	-0.012813
3.16823	79.4217	84.2074	756.465	873.869	-0.004076	5.88375	35.4878	-0.012188
3.16923	79.6851	84.3442	756.465	873.989	-0.004076	5.88469	35.4384	-0.012188
3.17023	79.4217	84.6178	757.15	873.989	-0.004076	5.88408	35.4878	-0.012813
3.17123	79.9885	85.0281	756.35	873.443	-0.02038	5.87937	35.3891	-0.011875

3.17223	79.6951	84.3442	756.922	874.809	-0.004076	5.88156	35.4384	-0.011583
3.17323	79.4217	84.2074	756.35	873.17	-0.004076	5.88489	35.6358	-0.009888
3.17423	79.6951	84.481	755.551	872.897	-0.028532	5.87906	35.093	-0.015825
3.17523	79.5584	84.2074	756.006	873.033	-0.004076	5.88489	35.3891	-0.014888
3.17623	79.6951	84.0706	756.922	873.989	-0.004076	5.88438	35.8825	-0.012188
3.17723	79.9685	85.0281	756.485	873.989	-0.004076	5.88531	35.4384	-0.011875
3.17823	79.4217	84.481	756.922	874.399	-0.004076	5.88937	35.3891	-0.013438
3.17923	79.9685	84.0706	756.485	873.989	-0.004076	5.88719	35.3397	-0.012813
3.18023	79.1483	84.0706	757.378	874.536	0.081141	5.88844	35.4384	-0.012813
3.18123	79.8318	84.6178	757.15	873.989	-0.012228	5.89084	35.5371	-0.011875
3.18223	79.4217	84.6178	757.807	874.536	-0.004076	5.87584	35.3397	-0.013125
3.18323	79.8318	84.481	757.15	874.945	-0.004076	5.85083	35.3891	-0.012813
3.18423	79.9685	84.3442	757.15	873.853	-0.004076	5.83281	35.6851	-0.011875
3.18523	79.9685	84.6178	757.378	872.897	-0.004076	5.81938	35.2904	-0.010313
3.18623	79.0117	84.6178	756.35	873.989	-0.004076	5.89063	36.241	-0.013438
3.18723	79.6951	84.3442	757.284	873.989	-0.004076	5.89489	35.7838	-0.01125
3.18823	79.5584	84.2074	756.922	874.536	-0.004076	5.89063	36.241	-0.012813
3.18923	79.6951	84.6178	756.893	873.989	-0.004076	5.89084	35.2904	-0.011583
3.19023	79.6951	84.3442	757.15	873.989	-0.004076	5.88806	35.2904	-0.012813
3.19123	79.6951	84.3442	756.893	874.945	-0.004076	5.88656	35.2904	-0.012813
3.19223	79.6951	84.3442	756.122	873.989	-0.004076	5.88584	35.1423	-0.012188
3.19323	79.9685	84.481	756.922	874.809	-0.008152	5.88438	35.1817	-0.013438
3.19423	79.6951	83.7971	756.35	875.082	-0.004076	5.88344	34.9943	-0.012813
3.19523	79.6951	84.2074	756.807	874.399	-0.004076	5.88344	35.1423	-0.012813
3.19623	79.9685	84.3442	757.284	873.989	-0.004076	5.88084	34.7478	-0.013438
3.19723	79.6951	84.2074	756.485	874.809	-0.004076	5.88408	34.8958	-0.014063
3.19823	79.4217	84.0706	756.807	873.989	-0.004076	5.88408	35.1817	-0.013438
3.19923	79.6951	84.481	756.485	873.989	-0.008152	5.88438	35.093	-0.013438
3.20023	80.2419	84.6178	757.15	875.355	-0.004076	5.88844	34.7989	-0.013125
3.20123	79.6951	84.2074	756.922	875.082	0.032809	5.88531	34.8958	-0.013438
3.20223	79.9685	84.3442	756.485	874.536	-0.004076	5.89219	35.093	-0.011875
3.20323	79.6951	84.6178	756.35	874.809	-0.004076	5.89063	34.9943	-0.012188
3.20423	79.9685	84.481	756.485	874.809	-0.012228	5.89344	34.5009	-0.012813
3.20523	79.6951	84.3442	756.485	875.901	-0.004076	5.89719	34.7989	-0.014063
3.20623	79.6951	84.3442	756.006	874.536	-0.004076	5.88344	34.7478	-0.012813
3.20723	80.1052	84.481	757.721	874.872	-0.004076	5.88344	34.7478	-0.011875
3.20823	79.8318	84.6178	756.807	874.872	-0.004076	5.84531	34.5009	-0.014888
3.20923	79.9685	84.3442	756.485	874.399	-0.004076	5.82582	34.8958	-0.013125
3.21023	79.8318	84.3442	756.922	875.355	0.036885	5.87844	34.3035	-0.011875
3.21123	80.2419	83.7971	756.807	875.082	0.024458	5.90719	34.5009	-0.011583
3.21223	80.1052	84.6178	756.485	875.082	-0.004076	5.89856	34.5009	-0.012188
3.21323	79.4217	84.3442	756.485	875.082	-0.004076	5.89889	34.3035	-0.013438
3.21423	79.9685	84.3442	756.922	874.945	0.028532	5.89584	34.5009	-0.011583
3.21523	79.6951	84.0706	756.893	875.828	-0.004076	5.89281	34.2048	-0.014063
3.21623	79.9685	84.2074	756.485	876.175	-0.004076	5.89219	34.2048	-0.013438
3.21723	79.8318	84.3442	756.893	874.536	-0.004076	5.89281	34.3035	-0.0125
3.21823	80.1052	83.7971	757.378	875.901	-0.004076	5.88969	34.1555	-0.009888
3.21923	79.8318	84.3442	756.485	875.355	-0.004076	5.88844	34.0588	-0.013125
3.22023	79.4217	84.0706	756.485	875.355	-0.004076	5.88719	34.5896	-0.012188
3.22123	79.6951	84.481	756.35	874.809	-0.004076	5.88584	34.2541	-0.01125
3.22223	80.1052	84.481	757.15	876.038	-0.004076	5.88969	34.1081	-0.012188
3.22323	79.9685	85.0281	756.922	875.492	-0.004076	5.89084	34.1081	-0.012188

3.22423	79.4217	83.9339	756.35	875.082	-0.004078	5.88781	34.4022	-0.010938
3.22523	79.8318	84.6178	756.922	875.355	0.024456	5.88989	33.9087	-0.013125
3.22623	79.8951	84.0706	756.465	875.628	-0.004078	5.89344	33.9087	-0.0125
3.22723	79.8951	84.2074	756.465	875.901	0.024456	5.89375	33.662	-0.01375
3.22823	79.1483	84.3442	756.008	874.809	-0.012228	5.89582	33.6127	-0.012813
3.22923	79.8951	84.481	757.721	875.355	-0.02038	5.89625	33.7607	-0.010313
3.23023	79.8951	83.5236	755.779	874.872	-0.012228	5.88658	33.7607	-0.012813
3.23123	79.8951	84.481	756.465	875.355	-0.004078	5.88582	33.7114	-0.013125
3.23223	79.9685	84.6178	756.922	875.901	0.02038	5.84858	33.8594	-0.013125
3.23323	79.9685	84.3442	756.465	876.175	-0.004078	5.82906	33.7607	-0.011875
3.23423	80.1052	84.8913	756.465	875.082	-0.004078	5.86188	33.6127	-0.0125
3.23523	79.6584	84.6178	756.693	874.809	-0.004078	5.91094	33.4153	-0.012813
3.23623	79.9685	84.2074	756.465	875.628	0.052989	5.89719	33.4153	-0.011563
3.23723	79.8951	84.481	756.465	875.082	-0.004078	5.90219	33.4846	-0.012813
3.23823	80.2419	83.9339	756.122	876.175	-0.004078	5.89812	33.2179	-0.011563
3.23923	79.9685	84.6178	756.465	874.809	-0.004078	5.89781	33.3659	-0.011563
3.24023	79.9685	84.2074	756.922	875.219	-0.004078	5.89719	33.3168	-0.010313
3.24123	79.8951	84.3442	755.779	875.082	-0.004078	5.89406	33.1686	-0.013436
3.24223	79.9685	84.481	756.008	875.355	-0.004078	5.89219	33.4846	-0.012813
3.24323	79.4217	84.0706	756.465	875.901	-0.004078	5.89313	33.1182	-0.013436
3.24423	79.9685	84.6178	756.236	875.355	-0.004078	5.89031	33.3659	-0.011563
3.24523	79.9685	84.3442	756.465	875.628	-0.004078	5.89219	33.2179	-0.011875
3.24623	79.9685	84.481	756.236	876.175	-0.004078	5.89489	33.1182	-0.011563
3.24723	80.2419	83.9339	756.465	876.175	-0.004078	5.89344	33.2179	-0.013436
3.24823	79.8318	84.481	756.465	875.901	-0.004078	5.89375	32.9218	-0.012188
3.24923	79.8951	84.3442	756.465	876.448	-0.004078	5.89719	33.1182	-0.012188
3.25023	80.2419	85.0281	756.579	874.536	-0.018304	5.89531	33.0205	-0.012813
3.25123	79.8951	83.9339	756.465	874.536	-0.004078	5.89906	33.1182	-0.011563
3.25223	80.1052	84.3442	756.008	875.082	-0.004078	5.89969	32.8258	-0.013125
3.25323	79.9685	84.6178	756.236	875.355	-0.004078	5.90094	33.2179	-0.010938
3.25423	79.9685	85.0281	756.236	876.175	-0.004078	5.89906	32.7245	-0.012188
3.25523	79.8951	84.3442	756.35	876.038	-0.004078	5.87858	32.7245	-0.012188
3.25623	79.9685	84.3442	756.465	875.628	0.028532	5.85437	32.5764	-0.012188
3.25723	79.8318	84.481	756.008	875.082	-0.004078	5.83489	32.7245	-0.012813
3.25823	80.1052	84.481	756.465	875.492	0.036885	5.85375	32.4284	-0.011563
3.25923	79.8951	84.3442	756.465	876.175	-0.004078	5.91583	32.5764	-0.013436
3.26023	79.9685	84.481	756.693	877.814	0.02038	5.90344	32.8258	-0.013125
3.26123	79.8318	84.3442	756.465	875.765	-0.004078	5.90656	32.7245	-0.0125
3.26223	79.9685	84.3442	756.465	875.355	-0.004078	5.90281	32.231	-0.010938
3.26323	79.9685	84.481	756.008	875.082	-0.004078	5.90219	32.1817	-0.014083
3.26423	79.8951	84.8913	755.323	875.355	-0.004078	5.90219	32.8258	-0.012188
3.26523	79.8318	84.0706	756.465	875.901	-0.004078	5.89989	32.379	-0.014083
3.26623	79.8318	84.2074	756.579	875.901	-0.004078	5.90156	32.4284	-0.0125
3.26723	80.2419	84.6178	756.008	875.628	-0.004078	5.8975	32.5271	-0.011563
3.26823	80.1052	84.6178	756.465	875.628	-0.004078	5.89489	32.1817	-0.013125
3.26923	79.8951	84.3442	756.465	875.082	-0.004078	5.89687	32.3297	-0.012813
3.27023	79.8951	84.481	756.465	876.584	-0.028532	5.89906	32.083	-0.0125
3.27123	79.8951	84.481	757.036	876.721	-0.004078	5.89844	32.0336	-0.012188
3.27223	79.9685	84.2074	756.465	876.038	0.02038	5.90219	32.083	-0.012813
3.27323	79.9685	84.6178	757.807	875.492	-0.004078	5.89989	32.1817	-0.009063
3.27423	80.5153	84.2074	755.779	875.082	-0.004078	5.89906	32.0336	-0.013436
3.27523	79.8951	84.2074	756.008	875.219	-0.004078	5.90438	32.0336	-0.013125

3.27824	80.5153	83.7971	756.236	875.492	-0.004076	5.90344	32.4777	-0.011563
3.27724	79.9885	84.3442	756.35	875.492	-0.004076	5.90594	32.0336	-0.013438
3.27824	79.9885	84.3442	756.122	875.492	-0.004076	5.90937	31.9349	-0.013438
3.27824	79.9885	84.2074	756.465	875.901	-0.004076	5.88562	31.7869	-0.013438
3.28024	80.1052	84.6178	756.236	875.901	0.040781	5.86312	31.8856	-0.012813
3.28124	79.9885	84.481	756.465	876.175	-0.004076	5.84719	31.8363	-0.012188
3.28224	79.9885	84.0706	756.008	876.994	0.02038	5.84625	31.8363	-0.011875
3.28324	79.8318	84.3442	756.465	875.828	-0.004076	5.92219	31.7376	-0.013125
3.28424	79.9885	84.481	756.008	875.355	-0.004076	5.90719	31.6882	-0.011563
3.28524	80.1052	84.6178	755.779	875.082	-0.012228	5.90781	31.5402	-0.01375
3.28624	79.9885	84.481	756.236	875.082	-0.004076	5.90687	32.3297	-0.011563
3.28724	80.2419	85.0281	756.008	875.628	-0.004076	5.90781	31.6882	-0.0125
3.28824	80.1052	84.6178	755.551	876.038	-0.004076	5.90469	31.4908	-0.012813
3.28924	79.8318	84.2074	756.008	875.828	-0.004076	5.90687	31.6882	-0.012188
3.29024	80.2419	84.0706	756.465	876.175	-0.004076	5.90281	31.5402	-0.012813
3.29124	79.9885	84.3442	756.122	875.901	0.044837	5.89844	31.5895	-0.012188
3.29224	79.8951	84.2074	755.551	875.765	-0.004076	5.89908	31.7376	-0.010938
3.29324	79.8318	84.481	756.008	876.994	-0.004076	5.89719	31.6389	-0.012188
3.29424	79.8951	84.2074	756.236	876.038	-0.012228	5.90125	31.5402	-0.0125
3.29524	79.9885	84.3442	756.236	875.828	-0.004076	5.89969	31.5895	-0.010938
3.29624	80.1052	84.481	755.894	874.845	-0.004076	5.89869	31.4415	-0.012813
3.29724	80.1052	84.6178	755.551	875.492	-0.004076	5.90156	31.5402	-0.012813
3.29824	79.9885	84.3442	756.465	875.492	0.024456	5.90594	31.5895	-0.012813
3.29924	79.8951	84.2074	756.236	875.901	-0.004076	5.90844	31.4415	-0.010938
3.30024	79.8951	83.7971	756.465	875.492	-0.004076	5.90837	31.2935	-0.0125
3.30124	80.1052	84.3442	756.008	875.828	-0.004076	5.90837	31.0981	-0.011563
3.30224	79.8951	84.481	756.465	875.901	0.048913	5.91094	31.2935	-0.012813
3.30324	79.8951	84.6178	755.779	875.355	-0.012228	5.89344	31.2441	-0.011875
3.30424	80.2419	83.7971	756.122	875.828	-0.012228	5.87063	31.2441	-0.011875
3.30524	80.5153	84.0706	756.465	875.355	-0.008152	5.86125	31.4415	-0.01375
3.30624	79.9885	84.6178	756.008	875.828	-0.004076	5.84156	31.0467	-0.010313
3.30724	80.1052	84.2074	756.236	875.828	-0.008152	5.91187	31.1454	-0.013438
3.30824	79.8951	84.481	755.894	875.828	0.02038	5.90969	30.9974	-0.012813
3.30924	79.8318	84.6178	755.779	875.901	-0.004076	5.90719	31.1454	-0.013438
3.31024	79.9885	84.3442	755.894	875.355	-0.004076	5.90856	31.1454	-0.011875
3.31124	79.8951	84.2074	756.008	875.082	-0.004076	5.90812	30.9481	-0.012813
3.31224	80.1052	84.6178	755.551	875.355	-0.004076	5.90469	30.7507	-0.012813
3.31324	79.9885	84.2074	756.465	875.901	0.061141	5.90856	30.9481	-0.013438
3.31424	80.2419	84.2074	756.236	875.355	-0.004076	5.90469	30.7507	-0.012813
3.31524	79.8951	84.6178	755.894	874.809	-0.004076	5.90125	30.9481	-0.013125
3.31624	79.8951	84.481	756.008	875.492	-0.004076	5.90094	30.7507	-0.012188
3.31724	79.9885	84.3442	756.465	875.355	-0.004076	5.90156	30.6026	-0.012813
3.31824	79.9885	84.3442	755.208	874.809	-0.004076	5.90094	30.652	-0.014063
3.31924	79.8318	84.3442	756.122	875.828	-0.004076	5.90219	30.8	-0.012188
3.32024	79.9885	84.2074	756.008	875.355	-0.004076	5.90344	30.7013	-0.011875
3.32124	79.4217	84.6178	756.236	875.082	-0.004076	5.90469	30.5533	-0.012813
3.32224	79.8318	84.481	756.122	874.809	-0.004076	5.90844	30.8	-0.014063
3.32324	79.9885	84.2074	756.236	875.355	-0.004076	5.90469	30.5533	-0.012188
3.32424	79.9885	84.3442	755.551	875.082	-0.004076	5.90781	30.4546	-0.011563
3.32524	79.8318	84.3442	756.008	875.082	-0.004076	5.91082	30.4546	-0.012188
3.32624	79.8951	84.2074	756.122	876.038	-0.004076	5.90969	30.3559	-0.012813
3.32724	80.2419	84.3442	755.551	873.989	-0.012228	5.89406	30.7013	-0.012813

3.32824	79.9685	84.2074	755.779	874.672	-0.02038	5.87083	30.5533	-0.011875
3.32924	79.8318	84.3442	755.35	873.989	-0.004076	5.85281	30.2079	-0.012813
3.33024	80.2419	84.0706	755.323	874.538	-0.004076	5.83719	30.652	-0.01375
3.33124	80.1052	84.3442	755.323	874.538	-0.004076	5.89084	30.5533	-0.011583
3.33224	80.1052	84.481	755.685	874.809	0.028532	5.91781	30.3086	-0.012188
3.33324	79.0117	84.481	755.779	874.845	-0.004076	5.90844	30.3559	-0.012813
3.33424	80.1052	84.3442	755.551	874.845	-0.004076	5.90937	30.1585	-0.012813
3.33524	80.1052	84.3442	755.779	874.399	0.048913	5.90844	30.2079	-0.011583
3.33624	79.8951	84.2074	755.685	873.989	-0.004076	5.90869	30.1585	-0.012813
3.33724	80.1052	84.3442	755.551	874.809	-0.004076	5.91082	30.5039	-0.011583
3.33824	79.9685	84.3442	755.437	874.538	-0.024458	5.90489	30.1585	-0.012188
3.33924	79.285	84.481	755.236	874.538	-0.004076	5.90489	30.1585	-0.009688
3.34024	80.2419	83.6803	754.98	872.887	-0.018304	5.90281	29.9812	-0.014375
3.34124	79.8318	84.3442	755.094	873.716	-0.004076	5.90219	30.2572	-0.013438
3.34224	79.285	83.9339	755.551	873.989	-0.004076	5.90531	30.3559	-0.012813
3.34324	79.8951	84.2074	755.551	873.989	-0.004076	5.90812	29.7638	-0.013438
3.34424	80.1052	84.481	755.437	873.58	-0.008152	5.90438	30.2572	-0.010938
3.34524	79.8951	84.6178	755.35	873.443	-0.004076	5.90438	30.0598	-0.014063
3.34624	80.2419	84.0706	755.779	873.853	0.040761	5.90719	30.2572	-0.011875
3.34724	79.8318	84.0706	755.551	873.718	-0.008152	5.90687	29.9118	-0.012813
3.34824	79.8318	84.3442	755.779	873.58	-0.004076	5.90694	29.9812	-0.012813
3.34924	80.1052	84.481	755.323	873.58	-0.004076	5.90719	30.0598	-0.011875
3.35024	79.8951	84.481	755.008	872.887	-0.004076	5.90656	29.9812	-0.012813
3.35124	79.8951	84.3442	755.551	872.623	-0.028532	5.90125	29.7638	-0.014375
3.35224	80.2419	85.0281	755.551	872.697	-0.004076	5.88281	29.9812	-0.012188
3.35324	80.2419	84.481	755.323	873.306	-0.004076	5.86219	30.0598	-0.011875
3.35424	80.2419	84.481	755.551	872.897	-0.004076	5.84437	29.5884	-0.013438
3.35524	80.2419	84.2074	755.437	872.897	-0.004076	5.86875	29.5884	-0.010838
3.35624	79.9685	84.3442	755.323	872.78	-0.004076	5.82344	29.6851	-0.012813
3.35724	80.1052	84.8913	755.323	872.897	0.040761	5.90869	29.5884	-0.013438
3.35824	79.9685	84.3442	755.551	871.804	-0.004076	5.91489	29.7638	-0.012813
3.35924	80.2419	84.6178	755.323	872.35	-0.004076	5.91094	29.7638	-0.012188
3.36024	79.8951	84.2074	755.551	872.487	-0.004076	5.91219	29.7144	-0.011583
3.36124	79.8318	84.3442	755.323	872.077	-0.044837	5.90969	29.7638	-0.013438
3.36224	79.9685	84.3442	755.551	870.711	-0.040761	5.90856	29.2703	-0.014688
3.36324	79.1483	84.3442	755.437	872.077	-0.004076	5.90969	29.389	-0.014375
3.36424	79.8318	84.3442	755.779	871.804	-0.004076	5.90844	29.8625	-0.012813
3.36524	79.8951	84.0706	755.437	872.214	-0.004076	5.90719	29.5171	-0.012813
3.36624	79.9685	85.1649	754.98	872.077	-0.004076	5.91094	29.5884	-0.013438
3.36724	79.8318	84.2074	755.551	871.531	-0.004076	5.90719	29.4677	-0.013438
3.36824	79.9685	84.6178	755.323	871.804	-0.004076	5.90489	29.7638	-0.013438
3.36924	79.9685	84.481	754.98	871.258	-0.004076	5.90719	29.7638	-0.011583
3.37024	79.9685	84.2074	755.551	871.531	-0.004076	5.90844	29.7638	-0.011583
3.37124	79.8951	84.6178	755.323	870.438	-0.004076	5.90719	29.7638	-0.010313
3.37224	79.9685	84.0706	755.551	870.711	-0.004076	5.90869	29.7638	-0.011583
3.37324	79.8318	84.2074	754.637	868.936	-0.032609	5.90844	29.3197	-0.015
3.37424	79.8951	84.481	754.637	868.892	-0.008152	5.91094	29.389	-0.015313
3.37524	79.9685	84.2074	755.084	870.438	-0.004076	5.91219	30.1082	-0.014688
3.37624	79.5584	84.3442	755.208	870.165	-0.012228	5.89489	29.5171	-0.012188
3.37724	79.9685	84.3442	755.323	870.028	-0.004076	5.87406	29.8625	-0.014375
3.37824	79.9685	84.3442	755.437	870.438	0.02038	5.85167	29.5171	-0.013438
3.37924	79.8951	84.6178	755.323	869.619	0.044837	5.84937	29.4184	-0.012188

3.38024	79.8318	84.0706	755.094	870.185	-0.004076	5.91989	29.5884	-0.012813
3.38124	79.8951	84.2074	755.437	869.482	-0.012228	5.91489	29.6851	-0.012813
3.38224	79.8318	84.3442	755.551	869.345	-0.004076	5.91583	29.4677	-0.012813
3.38324	79.5584	84.2074	755.094	869.526	-0.004076	5.91187	29.5884	-0.013125
3.38424	79.8951	84.2074	754.409	867.433	-0.028532	5.91344	29.1716	-0.013438
3.38524	79.8951	84.481	754.98	868.526	0.02038	5.91084	29.4184	-0.013438
3.38624	79.8951	84.6178	755.437	868.799	-0.012228	5.90989	29.9612	-0.011875
3.38724	79.9885	84.481	755.885	868.526	0.02038	5.91158	29.5884	-0.012813
3.38824	79.9885	84.2074	755.323	869.072	0.028532	5.90989	29.5884	-0.011563
3.38924	80.2419	84.2074	755.551	867.86	-0.004076	5.90594	29.5884	-0.012813
3.39024	79.8951	84.481	755.779	867.86	0.02038	5.90844	29.4677	-0.011563
3.39124	79.5584	84.481	755.094	867.433	-0.004076	5.90408	29.7638	-0.012813
3.39224	79.8951	84.3442	755.885	867.843	-0.004076	5.90344	29.5884	-0.012813
3.39324	79.8951	83.7971	755.094	866.614	-0.012228	5.90687	29.5884	-0.012813
3.39424	79.9885	84.6178	755.437	866.341	-0.004076	5.90682	29.4677	-0.013125
3.39524	79.9885	84.3442	754.886	865.794	-0.004076	5.90344	29.073	-0.014888
3.39624	79.8318	84.6178	754.837	866.341	-0.004076	5.91094	29.7144	-0.013438
3.39724	79.8951	84.6178	755.323	866.204	0.02038	5.91313	29.8825	-0.012188
3.39824	79.8318	84.481	755.437	865.931	-0.004076	5.91594	29.6851	-0.012813
3.39924	79.8951	84.6178	755.551	864.838	0.028532	5.92281	29.7144	-0.013438
3.40024	79.4217	84.3442	755.323	865.248	-0.004076	5.90908	29.7638	-0.015313
3.40124	79.9885	84.2074	755.094	864.975	-0.004076	5.88438	29.5884	-0.011875
3.40224	79.8318	84.3442	754.886	864.292	-0.004076	5.89858	29.8825	-0.013125
3.40325	79.8318	84.481	754.837	863.882	-0.008162	5.84687	29.5171	-0.011563
3.40425	79.5584	84.3442	755.323	863.809	-0.004076	5.90344	29.5171	-0.011563
3.40525	79.8951	84.6178	754.886	862.926	-0.012228	5.92584	29.6851	-0.012188
3.40625	79.8951	84.481	754.837	862.79	-0.036885	5.91437	29.5884	-0.011563
3.40725	79.8951	84.481	755.094	862.79	-0.004076	5.91908	29.4677	-0.01375
3.40825	79.8951	84.481	754.837	862.243	-0.004076	5.91858	30.2572	-0.012188
3.40925	79.8318	84.3442	755.094	863.063	0.02038	5.91489	29.5884	-0.012188
3.41025	79.8318	84.3442	755.094	862.518	-0.004076	5.91489	29.6851	-0.012813
3.41125	80.1052	84.6178	755.551	862.243	-0.004076	5.91219	29.9612	-0.013438
3.41225	79.8951	84.3442	754.98	862.243	-0.004076	5.90844	29.7638	-0.013125
3.41325	79.4217	84.6178	754.886	861.97	-0.004076	5.90908	29.6851	-0.012813
3.41425	79.9885	84.3442	754.837	861.56	-0.004076	5.90812	29.8825	-0.012188
3.41525	79.9885	84.3442	755.551	863.809	-0.004076	5.90781	29.8825	-0.011563
3.41625	80.1052	84.6178	755.208	860.877	-0.004076	5.91281	29.7638	-0.012813
3.41725	79.8951	84.0706	755.094	859.785	-0.044837	5.91125	29.4184	-0.013125
3.41825	79.8951	84.3442	754.886	860.604	-0.008152	5.91082	29.7638	-0.013125
3.41925	79.8318	84.2074	754.837	860.194	-0.008152	5.91469	30.5533	-0.014888
3.42025	79.9885	85.1649	754.837	860.331	-0.004076	5.91858	29.8131	-0.010838
3.42125	79.5584	84.2074	755.323	859.848	-0.004076	5.91719	29.9118	-0.011563
3.42225	79.8951	84.2074	755.094	859.785	-0.004076	5.92219	29.9118	-0.011875
3.42325	80.2419	84.3442	755.323	858.985	-0.004076	5.92188	29.7638	-0.012813
3.42425	79.8951	84.2074	755.437	858.692	-0.004076	5.91094	29.8825	-0.010838
3.42525	79.8318	84.481	754.837	858.419	-0.004076	5.88875	29.9612	-0.010838
3.42625	79.8318	84.3442	755.094	858.555	-0.004076	5.88875	29.7638	-0.011563
3.42725	79.9885	84.6178	754.523	857.463	-0.004076	5.85084	29.7638	-0.011563
3.42825	79.5584	84.6178	756.465	857.463	0.02038	5.89156	29.7638	-0.010313
3.42925	79.1483	84.3442	754.285	857.053	-0.004076	5.83375	29.5884	-0.013125
3.43025	79.9885	84.2074	755.094	857.599	-0.004076	5.91844	30.0105	-0.012813
3.43125	79.8951	84.2074	755.323	856.507	0.028532	5.92584	29.4677	-0.012188

3.43225	79.8318	84.481	755.094	858.917	0.02038	5.92489	29.8131	-0.01125
3.43325	79.8318	84.3442	755.208	858.37	0.024458	5.92344	29.8131	-0.010313
3.43425	79.8318	84.3442	755.323	858.37	-0.004078	5.91969	29.8625	-0.011563
3.43525	79.8951	84.6178	755.094	854.595	0.044837	5.91969	29.5684	-0.011563
3.43625	80.2419	84.481	754.868	855.414	-0.004078	5.91906	29.5684	-0.012813
3.43725	79.8318	84.3442	754.98	858.097	-0.004078	5.91812	29.7638	-0.011875
3.43825	79.1483	84.3442	754.837	854.321	-0.02038	5.91594	29.7144	-0.011563
3.43925	79.8318	84.6178	755.551	854.868	-0.004078	5.91719	29.9612	-0.009688
3.44025	79.8318	84.481	754.523	854.048	-0.012228	5.91969	29.4677	-0.014375
3.44125	80.2419	83.7971	755.094	854.321	-0.004078	5.91969	30.3559	-0.013438
3.44225	80.2419	84.0706	754.837	854.185	-0.004078	5.91969	29.7638	-0.01125
3.44325	79.8951	84.3442	754.837	854.048	-0.004078	5.92489	29.7144	-0.014688
3.44425	79.9685	84.6178	755.551	853.502	-0.004078	5.92219	29.9118	-0.012188
3.44525	79.8951	84.481	755.323	853.775	-0.004078	5.91969	29.8131	-0.012813
3.44625	79.8318	84.3442	754.868	853.229	-0.004078	5.92408	29.7638	-0.013438
3.44725	79.5584	84.2074	755.208	852.956	0.02038	5.92189	29.6651	-0.012813
3.44825	79.9685	83.9339	754.868	853.365	-0.004078	5.91781	29.7144	-0.012813
3.44925	79.9685	84.0706	755.437	851.728	-0.004078	5.89812	29.8131	-0.012188
3.45025	79.8318	84.3442	755.551	852	-0.02038	5.87594	29.9612	-0.010838
3.45125	79.8951	84.3442	754.295	851.043	-0.004078	5.85625	29.7638	-0.013438
3.45225	79.8951	84.2074	754.98	851.863	-0.004078	5.87187	29.8131	-0.012188
3.45325	79.4217	84.481	755.094	851.453	-0.004078	5.93969	29.8625	-0.013125
3.45425	79.5684	84.481	754.837	850.907	-0.004078	5.91969	29.7638	-0.011563
3.45525	79.9685	83.8603	754.98	850.77	-0.004078	5.92989	29.8625	-0.011875
3.45625	79.9685	84.0706	755.094	851.317	-0.004078	5.92281	29.8625	-0.011563
3.45725	79.9685	84.6178	754.837	850.77	0.02038	5.92344	29.8131	-0.012813
3.45825	79.8951	83.9339	755.094	849.678	-0.004078	5.92375	29.5684	-0.013125
3.45925	79.8318	84.3442	755.094	851.59	-0.004078	5.92188	29.8131	-0.011563
3.46025	80.2419	83.8603	754.523	849.288	-0.02038	5.91969	29.6157	-0.014083
3.46125	79.8951	84.481	755.894	850.834	-0.004078	5.91969	29.9612	-0.009376
3.46225	79.9685	84.2074	754.837	849.404	-0.004078	5.91344	29.5684	-0.012813
3.46325	79.9685	84.3442	754.837	849.131	-0.004078	5.91531	29.9612	-0.0125
3.46425	79.1483	84.3442	755.208	849.878	0.02038	5.91844	29.7638	-0.013438
3.46525	79.8951	84.481	755.323	849.404	-0.004078	5.91969	29.9612	-0.015625
3.46625	79.8318	84.3442	754.837	848.858	-0.004078	5.91594	29.7638	-0.01375
3.46725	79.9685	84.481	755.208	849.131	0.028532	5.91969	29.9612	-0.012813
3.46825	79.1483	84.6178	755.094	848.722	0.044837	5.91844	29.8625	-0.011563
3.46925	79.8318	84.3442	755.094	848.858	-0.004078	5.92219	29.9118	-0.012188
3.47025	79.9685	84.3442	754.868	849.131	-0.008152	5.92531	30.1092	-0.012613
3.47125	80.2419	84.3442	754.98	847.788	-0.004078	5.92594	29.8131	-0.0125
3.47225	79.9685	84.6178	755.894	847.829	-0.004078	5.92719	30.1092	-0.010313
3.47325	79.9685	84.2074	755.094	847.219	-0.004078	5.91344	29.9612	-0.013125
3.47425	79.8318	84.3442	755.094	847.492	-0.004078	5.88719	29.9118	-0.011563
3.47525	79.4217	84.3442	754.98	847.492	-0.004078	5.87094	30.3559	-0.0125
3.47625	79.8951	84.2074	755.551	847.788	-0.004078	5.88031	29.9612	-0.011563
3.47725	79.4217	84.481	754.523	847.492	0.028532	5.92989	29.9612	-0.012188
3.47825	79.8318	84.3442	754.837	847.083	-0.004078	5.92719	29.9612	-0.010838
3.47925	79.8951	84.6178	754.98	847.492	0.040761	5.92844	29.8625	-0.011563
3.48025	79.8951	84.3442	754.868	846.809	-0.004078	5.92438	30.0598	-0.013438
3.48125	79.8318	84.481	754.868	847.788	-0.004078	5.92488	29.9118	-0.011563
3.48225	79.8951	84.3442	755.094	847.083	-0.004078	5.92408	29.9612	-0.01125
3.48325	79.8951	84.2074	756.238	847.219	-0.004078	5.92344	29.9612	-0.012188

3.48425	79.8951	83.9339	754.18	846.536	-0.008152	5.91969	30.0598	-0.013438
3.48525	79.1483	84.3442	755.208	846.4	-0.004076	5.91969	30.7507	-0.012188
3.48625	79.5584	84.2074	755.323	847.083	-0.004076	5.91719	30.0598	-0.011875
3.48725	79.9685	84.481	755.094	846.536	-0.004076	5.91969	29.9118	-0.012813
3.48825	80.2419	84.3442	754.866	846.536	0.024458	5.92219	30.1585	-0.013125
3.48925	80.5153	84.2074	755.094	846.127	-0.004076	5.91906	30.0598	-0.01125
3.49025	79.8318	84.3442	755.094	847.219	0.036685	5.91969	30.1585	-0.0125
3.49125	79.1483	84.6178	754.409	846.127	-0.004076	5.91969	30.0598	-0.012813
3.49225	79.8951	84.3442	755.437	846.946	0.02038	5.91969	30.0105	-0.013125
3.49325	79.4217	84.3442	755.551	845.034	-0.004076	5.92344	30.1585	-0.0125
3.49425	79.285	84.3442	755.094	845.307	-0.018304	5.92562	30.1585	-0.013438
3.49525	79.8318	83.7971	754.866	845.307	-0.004076	5.92594	30.1585	-0.012188
3.49625	79.9685	84.2074	754.866	845.58	-0.004076	5.92687	30.8028	-0.012813
3.49725	79.9685	84.481	754.837	845.307	-0.012228	5.91969	30.0105	-0.013125
3.49825	80.2419	83.9339	755.094	845.853	-0.004076	5.89844	30.1585	-0.011875
3.49925	79.9685	84.481	755.323	845.444	0.032608	5.87844	30.0598	-0.01125
3.50025	79.5584	84.6178	754.866	845.17	-0.004076	5.85844	30.1092	-0.011563
3.50125	79.5584	84.6178	754.866	845.307	0.052988	5.89969	29.8825	-0.011875
3.50225	80.2419	84.3442	755.094	845.307	-0.004076	5.94158	30.0105	-0.013125
3.50325	79.8951	84.3442	755.094	846.4	0.036685	5.92656	29.8825	-0.011563
3.50425	79.8318	84.481	755.094	844.214	-0.004076	5.92806	29.9612	-0.012188
3.50525	79.9685	84.2074	755.094	843.941	-0.004076	5.92781	30.1585	-0.008125
3.50625	79.8951	84.3442	754.409	844.781	-0.02038	5.92531	29.9612	-0.012813
3.50725	79.8951	84.6178	754.409	844.897	-0.004076	5.92781	30.2572	-0.011563
3.50825	79.8951	85.1649	755.094	844.214	-0.004076	5.92812	30.4548	-0.011875
3.50925	79.8318	84.3442	755.779	844.897	0.016304	5.92469	29.8131	-0.013438
3.51025	79.5584	84.3442	755.094	844.824	-0.004076	5.92219	30.1092	-0.012813
3.51125	80.2419	84.2074	754.866	844.214	-0.004076	5.92094	29.9612	-0.014063
3.51225	79.9685	84.3442	754.866	844.214	0.032608	5.92094	30.0598	-0.012813
3.51325	79.8951	84.0708	755.094	845.034	-0.012228	5.92219	29.8825	-0.012813
3.51425	79.8318	84.481	754.837	844.897	-0.004076	5.91969	30.2079	-0.012188
3.51525	80.1052	84.2074	755.551	844.488	-0.004076	5.92219	29.9118	-0.011563
3.51625	80.1052	84.2074	755.894	843.888	-0.004076	5.91969	30.1092	-0.008438
3.51725	79.5584	84.2074	754.409	843.668	-0.02038	5.92594	29.9612	-0.014375
3.51825	79.5584	84.3442	754.866	844.214	-0.004076	5.9275	30.1585	-0.012188
3.51925	80.2419	84.2074	754.837	843.805	-0.004076	5.92989	30.2572	-0.012813
3.52025	79.8951	84.6178	755.323	843.395	0.028532	5.93344	29.7144	-0.013125
3.52125	79.8318	84.6178	754.837	843.395	-0.004076	5.92908	29.7638	-0.011563
3.52225	79.8318	85.0281	754.837	843.395	-0.004076	5.90219	30.1092	-0.012813
3.52325	79.9685	84.481	754.98	843.941	0.032608	5.88687	29.9612	-0.012813
3.52425	79.8318	83.7971	755.094	843.888	-0.004076	5.88625	29.5684	-0.014375
3.52525	79.8951	84.0708	755.094	843.941	-0.004076	5.88156	29.7638	-0.011875
3.52625	79.9685	84.3442	754.866	843.258	-0.004076	5.94719	29.9612	-0.012813
3.52725	79.5584	84.481	754.523	842.885	-0.008152	5.93094	29.8825	-0.011563
3.52825	79.8951	84.3442	756.236	843.395	-0.004076	5.93856	29.5171	-0.012813
3.52925	79.4217	84.3442	754.837	843.258	-0.004076	5.93437	30.0598	-0.012813
3.53025	79.8951	84.3442	754.866	843.805	-0.004076	5.93219	29.9612	-0.012188
3.53125	79.0117	84.6178	754.98	842.849	0.02038	5.93313	29.5684	-0.013125
3.53225	79.8951	84.0708	754.866	843.941	-0.004076	5.93219	29.8825	-0.010938
3.53325	79.8951	84.6178	754.18	842.712	-0.004076	5.92489	29.7144	-0.011875
3.53425	79.8318	84.6178	754.837	843.258	0.040761	5.92781	29.5684	-0.011563
3.53525	79.8318	84.3442	754.837	842.849	-0.004076	5.92489	29.6651	-0.01375

3.53825	79.6951	84.481	755.094	844.781	-0.004078	5.92531	29.7638	-0.012188
3.53725	79.6951	84.6178	754.637	842.575	-0.004078	5.92719	29.5884	-0.012188
3.53825	79.6951	84.481	755.094	843.122	0.024456	5.92594	29.8131	-0.010826
3.53925	79.6951	84.6178	754.98	842.849	-0.004078	5.92344	29.7638	-0.012813
3.54025	80.2419	84.481	754.409	842.575	-0.004078	5.92594	29.7144	-0.012813
3.54125	79.1483	84.3442	755.208	842.849	-0.004078	5.92781	30.3558	-0.011583
3.54228	79.4217	84.6178	755.094	842.985	-0.008152	5.92719	29.7638	-0.013438
3.54328	80.2419	84.3442	754.98	842.849	-0.004078	5.93187	29.7638	-0.012813
3.54428	79.9885	84.2074	755.551	842.029	-0.004078	5.92781	29.8131	-0.012813
3.54528	79.5584	84.2074	755.323	841.892	0.032809	5.92781	29.8625	-0.011583
3.54628	79.6951	84.3442	755.094	842.712	-0.004078	5.91489	29.8651	-0.013438
3.54728	79.6951	84.0708	755.323	842.985	-0.004078	5.89031	29.7638	-0.012188
3.54828	79.6951	84.2074	755.208	842.985	-0.004078	5.88937	29.7638	-0.012813
3.54928	79.6951	84.481	755.094	842.029	-0.004078	5.85531	29.8651	-0.010313
3.55028	79.8318	84.3442	754.637	842.712	-0.004078	5.91781	29.5884	-0.013438
3.55128	79.8318	84.2074	754.866	841.892	-0.004078	5.93489	29.8651	-0.013438
3.55228	79.6951	84.2074	754.751	842.166	-0.004078	5.92844	29.8651	-0.012813
3.55328	79.6951	84.481	754.409	842.575	-0.008152	5.92989	29.5884	-0.011875
3.55428	79.4217	84.3442	754.637	841.892	-0.004078	5.93031	29.5884	-0.011875
3.55528	79.5584	84.3442	754.98	841.892	-0.004078	5.92875	29.7144	-0.011875
3.55628	79.5584	84.6178	755.094	842.302	0.048913	5.92625	29.9612	-0.011875
3.55728	79.6951	84.3442	755.094	842.849	-0.004078	5.92281	29.5884	-0.012188
3.55828	79.6951	84.481	754.637	843.258	-0.004078	5.92219	29.8651	-0.013125
3.55928	79.6951	84.3442	755.323	842.439	-0.024456	5.92281	29.7638	-0.010838
3.56028	79.6951	84.3442	754.98	841.756	-0.004078	5.91969	29.9118	-0.012188
3.56128	79.6951	84.6178	755.323	841.21	-0.012228	5.92281	29.5884	-0.011875
3.56228	79.9885	84.0708	754.637	842.029	-0.004078	5.92281	29.7638	-0.013125
3.56328	79.6951	84.2074	754.637	842.302	-0.004078	5.91969	29.9612	-0.013438
3.56428	79.6951	84.2074	755.323	841.483	-0.004078	5.92406	29.7638	-0.014063
3.56528	79.5584	84.6178	755.094	842.029	-0.004078	5.92781	29.9612	-0.012813
3.56628	79.8318	83.7971	754.866	842.029	0.02038	5.92281	29.8625	-0.013125
3.56728	79.8318	84.2074	755.323	842.302	0.028532	5.92719	29.9118	-0.011583
3.56828	79.8318	84.6178	754.18	841.756	-0.004078	5.92844	29.9612	-0.01125
3.56928	79.5584	84.481	754.866	843.122	-0.008152	5.92844	29.8625	-0.012813
3.57028	79.6951	84.3442	755.323	841.483	-0.004078	5.92989	29.8625	-0.011583
3.57128	79.6951	84.6178	754.637	842.029	-0.004078	5.91094	30.2079	-0.010825
3.57228	79.8318	84.6178	755.094	841.073	-0.016304	5.88489	29.7638	-0.012813
3.57328	79.6951	84.6178	754.18	841.483	-0.004078	5.86856	29.9612	-0.013125
3.57428	79.8318	83.9339	755.094	841.619	-0.004078	5.87408	30.7507	-0.011583
3.57528	79.5584	84.481	754.637	841.756	-0.004078	5.94344	29.7638	-0.012813
3.57628	79.6951	84.3442	754.98	840.936	-0.004078	5.93094	30.0598	-0.013125
3.57728	79.9885	84.6178	754.637	842.029	0.024456	5.93219	29.9612	-0.01375
3.57828	79.6951	84.481	754.637	841.21	0.028532	5.92989	30.3086	-0.012813
3.57928	79.8318	84.6178	754.295	841.21	-0.004078	5.93062	30.1585	-0.011875
3.58028	79.9885	84.0708	754.637	841.892	-0.004078	5.92906	30.0105	-0.011583
3.58128	79.6951	84.3442	755.094	842.849	0.02038	5.92668	30.1585	-0.012813
3.58228	79.6951	84.481	754.523	841.819	-0.004078	5.92594	30.1585	-0.011583
3.58328	79.9885	84.6178	754.295	840.527	-0.036885	5.92344	29.7638	-0.014888
3.58428	79.6951	84.481	754.295	841.756	-0.004078	5.92156	30.5039	-0.012813
3.58528	79.6951	84.481	754.637	842.029	-0.004078	5.92438	30.4546	-0.011583
3.58628	79.6951	84.2074	754.409	842.029	-0.004078	5.92344	30.2572	-0.011875
3.58728	79.6951	84.481	754.637	841.21	0.02038	5.92344	30.3558	-0.011583

3.58828	79.8951	84.6178	755.323	841.21	0.02038	5.92408	30.3559	-0.01125
3.58928	79.8985	85.0281	754.409	841.21	0.040781	5.92344	30.5039	-0.010913
3.59028	79.8985	84.6178	754.409	841.348	-0.004076	5.92281	30.1092	-0.012813
3.59128	79.8951	84.3442	754.18	841.073	-0.008152	5.92858	30.852	-0.012813
3.59228	79.8318	84.6178	754.409	841.073	-0.004076	5.92858	30.8026	-0.011563
3.59328	79.8985	84.481	754.523	841.483	-0.004076	5.92844	30.4546	-0.011875
3.59428	79.8951	84.481	754.637	840.663	-0.036685	5.93094	29.8625	-0.014083
3.59528	79.8951	83.7971	754.088	841.21	-0.004076	5.92489	30.5533	-0.013125
3.59628	79.8985	84.2074	754.637	841.892	0.02038	5.89781	30.8987	-0.012188
3.59728	79.4217	84.3442	754.637	842.168	-0.004076	5.87989	30.8494	-0.013438
3.59828	79.8951	84.481	754.523	841.483	-0.004076	5.86858	30.7013	-0.012188
3.59928	79.8951	84.2074	754.18	841.619	-0.004076	5.91158	30.852	-0.014083
3.60028	79.5584	84.3442	754.18	841.21	-0.004076	5.94187	30.852	-0.012813
3.60128	80.2419	84.2074	754.637	841.619	-0.004076	5.93158	30.9481	-0.012188
3.60228	79.4217	84.481	754.637	841.756	-0.004076	5.93489	30.7507	-0.012813
3.60328	79.9685	84.0708	754.295	840.8	-0.004076	5.93489	30.8494	-0.0125
3.60428	79.8951	84.6178	754.18	841.073	-0.004076	5.93375	30.7507	-0.01125
3.60528	79.8951	84.481	753.809	840.117	-0.02038	5.92887	30.5533	-0.012813
3.60628	79.5584	84.6178	754.088	841.21	-0.004076	5.92889	30.8494	-0.013438
3.60728	79.8951	84.3442	754.409	840.936	-0.004076	5.92887	31.2935	-0.012188
3.60828	79.1483	84.3442	754.18	841.21	0.02038	5.92312	30.8494	-0.013438
3.60928	80.2419	84.3442	754.18	840.936	-0.004076	5.92781	30.8987	-0.012813
3.61028	79.285	84.3442	753.952	841.756	-0.004076	5.92219	30.9481	-0.012188
3.61128	79.8951	84.481	753.952	841.483	-0.004076	5.92375	30.8974	-0.011683
3.61228	79.8318	83.7971	753.952	841.21	-0.004076	5.92489	31.2441	-0.014083
3.61328	79.8318	84.481	754.088	840.936	-0.008152	5.92375	31.2441	-0.013125
3.61428	79.8951	84.2074	753.723	843.258	-0.004076	5.92582	31.0981	-0.013125
3.61528	79.8951	84.3442	754.18	841.21	0.028532	5.92844	30.9481	-0.012813
3.61628	79.4217	84.3442	753.495	839.844	-0.088293	5.92408	30.7013	-0.014375
3.61728	79.9685	84.3442	753.952	840.663	-0.004076	5.92989	31.1454	-0.014083
3.61828	79.9685	84.3442	753.952	841.21	-0.004076	5.93406	31.8858	-0.011875
3.61928	79.8951	85.0281	754.18	841.619	-0.004076	5.93094	30.8	-0.012188
3.62028	79.8318	84.0708	753.952	840.936	-0.004076	5.91158	31.3428	-0.012813
3.62128	79.5584	84.481	754.18	840.39	-0.004076	5.89094	31.2441	-0.011875
3.62228	79.8951	84.2074	753.723	841.483	0.044837	5.87219	31.3922	-0.012813
3.62328	79.8951	83.7971	753.809	841.21	-0.012228	5.87489	31.4415	-0.013438
3.62428	79.5584	84.6178	753.952	841.483	-0.004076	5.94937	31.1454	-0.013438
3.62528	79.8951	84.3442	754.18	841.483	-0.004076	5.93594	31.3428	-0.013438
3.62628	79.5584	84.6178	753.723	841.073	-0.004076	5.93989	31.5895	-0.011563
3.62728	79.8951	84.6178	754.637	840.936	-0.008152	5.93594	31.3428	-0.009063
3.62828	79.5584	84.6178	753.038	840.936	-0.004076	5.93489	31.3428	-0.014083
3.62928	80.2419	84.3442	753.723	841.073	-0.012228	5.93406	31.8882	-0.012813
3.63028	79.9685	84.6178	753.267	841.21	-0.004076	5.93313	31.4415	-0.012813
3.63128	79.4217	84.481	753.838	841.21	-0.004076	5.93281	31.2441	-0.012813
3.63228	79.285	84.3442	753.609	841.483	0.02038	5.92989	31.5402	-0.012813
3.63328	79.5584	84.3442	753.723	841.619	-0.004076	5.92844	31.4908	-0.014375
3.63428	79.8951	84.6178	753.952	841.483	-0.004076	5.92858	31.4415	-0.012813
3.63528	79.8318	84.0708	754.088	841.619	-0.004076	5.92889	31.5895	-0.011875
3.63628	79.1483	84.3442	753.809	841.756	0.024456	5.93313	31.4908	-0.012813
3.63728	79.9685	83.7971	753.495	841.21	-0.008152	5.92989	31.7989	-0.010938
3.63828	79.8318	84.3442	754.18	840.936	-0.012228	5.92989	31.3428	-0.011563
3.63928	80.2419	83.7971	753.381	841.21	-0.004076	5.93489	31.8349	-0.012188

3.64026	79.6951	84.481	753.809	841.756	-0.004076	5.93375	32.231	-0.011563
3.64126	79.6951	84.2074	753.723	841.21	-0.004076	5.93594	31.6389	-0.015313
3.64226	79.6951	84.0706	753.495	841.21	-0.004076	5.94125	31.9349	-0.012188
3.64326	79.9685	83.7971	752.81	841.756	0.016304	5.93844	31.8858	-0.014375
3.64426	79.1483	84.3442	752.81	842.029	-0.004076	5.92594	31.7378	-0.012188
3.64526	79.9685	84.481	752.81	841.21	0.032609	5.90281	32.0336	-0.012813
3.64626	79.9685	84.2074	753.495	840.983	-0.008152	5.88281	31.5402	-0.01125
3.64726	79.1483	84.3442	752.895	842.575	-0.004076	5.88989	31.4415	-0.012188
3.64826	80.2419	84.2074	753.287	841.819	-0.004076	5.82969	31.6882	-0.011875
3.64926	79.1483	84.481	754.18	841.892	-0.004076	5.94489	31.6383	-0.010625
3.65026	79.9685	83.9339	752.239	840.8	-0.004076	5.93719	31.7378	-0.013438
3.65126	79.8318	84.0706	752.81	841.21	0.02038	5.94158	31.9349	-0.01375
3.65226	79.6951	84.481	752.81	841.483	-0.004076	5.93687	31.8858	-0.012813
3.65326	79.9685	84.3442	753.495	841.756	-0.004076	5.93908	31.9349	-0.01125
3.65426	79.6951	84.3442	753.495	841.21	-0.004076	5.93844	31.9349	-0.012188
3.65526	79.8318	84.0706	752.81	842.029	-0.012228	5.93583	31.9349	-0.010625
3.65626	79.8318	84.481	753.723	841.756	-0.004076	5.93583	31.6882	-0.012813
3.65726	79.5584	84.2074	753.038	841.21	-0.012228	5.93944	31.8363	-0.011875
3.65826	79.5584	84.2074	752.353	843.258	-0.004076	5.93125	31.9349	-0.010313
3.65926	79.6951	84.0706	752.81	841.819	-0.004076	5.92969	32.0336	-0.013438
3.66026	79.5584	84.481	752.81	842.302	-0.004076	5.93584	31.8363	-0.010313
3.66126	79.6951	84.2074	752.124	840.936	-0.012228	5.93082	31.7378	-0.014688
3.66226	79.9685	83.9339	752.467	841.483	-0.004076	5.93531	32.231	-0.013125
3.66326	79.6951	84.6178	752.124	841.483	-0.004076	5.93437	31.5402	-0.014063
3.66426	79.9685	84.3442	752.239	840.863	-0.008152	5.83594	31.6389	-0.012813
3.66526	79.4217	84.0706	752.581	841.819	0.024458	5.93844	31.9349	-0.012813
3.66626	79.6951	84.3442	752.239	842.029	-0.004076	5.93937	31.8363	-0.012813
3.66726	79.4217	84.2074	752.895	842.302	-0.004076	5.94158	31.8858	-0.014688
3.66826	79.6951	84.3442	752.895	841.483	-0.008152	5.94158	31.7378	-0.011563
3.66926	80.1052	84.481	752.353	841.756	-0.004076	5.92188	31.7889	-0.013125
3.67026	79.9685	84.3442	752.353	841.21	-0.004076	5.89594	31.7378	-0.0125
3.67126	79.8318	84.3442	753.495	841.483	-0.004076	5.8775	31.8363	-0.008438
3.67226	79.6951	84.481	751.868	841.21	-0.004076	5.88584	31.9349	-0.010313
3.67326	79.6951	84.6178	751.782	842.029	-0.004076	5.95408	31.5402	-0.012813
3.67426	79.9685	84.3442	752.124	841.756	0.024458	5.93989	31.6882	-0.011563
3.67526	79.9685	84.2074	752.467	842.029	0.032609	5.94489	31.7889	-0.013125
3.67626	79.6951	84.0706	752.124	841.756	-0.004076	5.93844	31.6882	-0.011563
3.67726	79.9685	84.3442	752.353	841.756	-0.004076	5.93989	31.8363	-0.010313
3.67826	79.5584	84.3442	752.353	841.819	0.028532	5.93989	32.0336	-0.012188
3.67926	79.6951	84.481	751.868	842.302	-0.012228	5.93719	31.7378	-0.012188
3.68026	79.1483	84.481	751.868	842.302	-0.004076	5.93408	31.8858	-0.012813
3.68126	79.6951	84.0706	751.868	841.21	-0.004076	5.93344	31.8363	-0.014063
3.68226	79.6951	84.3442	752.353	842.029	-0.016304	5.92969	31.9349	-0.010313
3.68326	79.6951	84.6178	751.553	841.483	-0.008152	5.93094	31.4415	-0.01375
3.68426	79.1483	84.3442	751.896	842.302	-0.008152	5.93594	32.1323	-0.011563
3.68526	79.1483	84.3442	752.353	841.756	-0.004076	5.93408	31.9349	-0.011563
3.68626	79.6951	84.3442	751.553	842.188	-0.004076	5.93489	31.6383	-0.010938
3.68726	79.9685	84.481	751.868	842.029	-0.004076	5.93531	31.6383	-0.011875
3.68826	79.6951	84.481	751.868	842.302	-0.004076	5.93489	31.8858	-0.011563
3.68926	79.1483	84.481	751.782	841.892	0.036885	5.93989	31.8363	-0.012813
3.69026	79.5584	84.481	751.439	842.302	-0.004076	5.93875	31.9349	-0.0125
3.69126	79.9685	84.2074	751.896	842.712	-0.004076	5.93687	31.9349	-0.012188

3.69227	79.4217	85.1649	750.982	841.21	-0.02038	5.93781	31.7376	-0.013125
3.69327	79.9885	84.2074	751.553	840.683	-0.008152	5.93156	31.6882	-0.011563
3.69427	79.8951	84.2074	750.982	841.21	-0.008152	5.90781	31.7376	-0.011875
3.69527	79.8951	84.481	751.325	841.756	-0.004076	5.88837	32.1817	-0.012813
3.69627	79.8318	84.2074	750.754	842.302	-0.004076	5.87281	31.7889	-0.0125
3.69727	79.4217	84.3442	751.325	842.575	-0.004076	5.82489	31.8856	-0.010313
3.69827	80.2419	84.481	751.888	842.575	-0.004076	5.85489	32.0336	-0.014375
3.69927	79.5584	84.3442	751.439	841.756	-0.004076	5.94281	31.6389	-0.012613
3.70027	79.8951	84.3442	751.211	841.892	0.024456	5.94344	31.8856	-0.013438
3.70127	79.5584	84.3442	751.096	841.892	-0.004076	5.84219	31.7376	-0.012813
3.70227	79.8685	83.9339	750.868	843.122	-0.004076	5.94156	31.7376	-0.012813
3.70327	79.8951	84.3442	750.982	841.619	-0.004076	5.94084	32.0336	-0.012613
3.70427	79.8318	84.481	750.888	842.302	-0.004076	5.94125	31.6882	-0.01
3.70527	79.8951	84.481	751.325	841.756	-0.012228	5.93625	31.7376	-0.012813
3.70627	80.2419	84.2074	750.754	842.029	-0.004076	5.93344	32.083	-0.013438
3.70727	79.8951	84.2074	750.754	842.439	-0.012228	5.93406	31.8349	-0.012613
3.70827	79.5584	84.6178	750.411	841.756	-0.004076	5.93406	31.9349	-0.014063
3.70927	79.5584	84.6178	750.982	842.575	-0.004076	5.93489	32.1323	-0.012813
3.71027	79.9885	84.3442	750.525	842.029	-0.004076	5.83406	32.0336	-0.013438
3.71127	79.8951	84.481	750.982	842.575	0.028532	5.83858	31.8856	-0.011563
3.71227	79.9885	84.3442	750.525	842.029	-0.004076	5.93489	31.9349	-0.011563
3.71327	79.8951	84.6178	750.525	842.029	-0.008152	5.93719	31.8363	-0.014888
3.71427	80.2419	84.3442	750.525	841.756	-0.004076	5.93906	31.7376	-0.012813
3.71527	79.8951	84.0708	751.898	841.21	-0.004076	5.93999	31.9843	-0.008083
3.71627	80.2419	84.3442	750.088	841.619	-0.004076	5.94406	31.8856	-0.014063
3.71727	79.9885	84.3442	750.754	841.892	-0.004076	5.93844	31.9349	-0.012813
3.71827	79.8951	85.0281	750.297	842.302	-0.004076	5.91875	32.0336	-0.012188
3.71927	80.2419	84.0708	750.84	841.756	0.028532	5.89906	31.8856	-0.012813
3.72027	79.285	84.6178	750.088	842.575	-0.004076	5.88188	32.1817	-0.011563
3.72127	80.2419	84.3442	750.183	842.029	-0.012228	5.88344	31.7889	-0.01125
3.72227	79.285	84.481	750.754	842.575	0.040761	5.95781	31.8363	-0.012188
3.72327	79.8951	84.3442	750.088	843.122	-0.02038	5.94219	31.9349	-0.012613
3.72427	79.8951	84.0708	750.754	842.302	-0.004076	5.94281	31.7889	-0.012188
3.72527	79.9885	84.3442	750.297	841.619	-0.004076	5.94281	31.7376	-0.011563
3.72627	79.8318	83.7971	750.088	842.302	-0.004076	5.94084	31.7376	-0.0125
3.72727	79.9885	83.7971	750.088	841.483	-0.004076	5.93906	31.8882	-0.014063
3.72827	79.4217	84.2074	750.297	842.439	-0.004076	5.94156	32.3297	-0.011875
3.72927	79.5584	84.6178	750.088	842.439	-0.004076	5.93719	31.5402	-0.014063
3.73027	79.4217	85.1649	749.954	842.848	0.040761	5.93584	31.8363	-0.013438
3.73127	79.8851	84.2074	750.297	842.166	-0.004076	5.93719	31.7376	-0.012813
3.73227	79.8318	84.3442	749.84	842.848	-0.004076	5.93437	31.9349	-0.013438
3.73327	79.9885	84.0708	749.84	842.029	-0.004076	5.93313	31.8363	-0.012813
3.73427	79.9885	84.0708	749.954	842.029	-0.004076	5.93406	31.9843	-0.011563
3.73527	79.9885	84.0708	749.497	843.122	-0.004076	5.93219	31.8856	-0.013125
3.73627	79.9885	84.3442	749.954	842.166	-0.004076	5.93406	31.8363	-0.012188
3.73727	79.8951	84.3442	749.155	842.302	-0.004076	5.93812	31.8363	-0.010938
3.73827	79.8951	84.3442	749.612	841.21	-0.004076	5.93969	31.8856	-0.012188
3.73927	80.1052	84.3442	749.84	841.756	0.036685	5.94156	31.9349	-0.012813
3.74027	79.8951	84.0708	749.383	842.712	-0.004076	5.94489	32.0336	-0.012188
3.74127	79.8318	84.6178	749.155	842.029	-0.004076	5.94489	31.8363	-0.012813
3.74227	80.2419	84.481	749.383	841.756	-0.004076	5.93844	31.8856	-0.012813
3.74327	79.8951	84.481	749.155	842.302	0.02038	5.91531	31.7376	-0.013125

3.74427	79.8918	84.0706	749.383	842.302	0.032609	5.89406	31.7376	-0.013438
3.74527	79.8951	84.2074	749.84	841.619	-0.012228	5.87469	31.6389	-0.012188
3.74627	80.2419	84.6178	749.155	843.395	-0.004076	5.91281	31.8363	-0.011875
3.74727	79.8318	84.481	749.041	842.302	-0.004076	5.95844	31.8363	-0.010625
3.74827	79.8951	84.2074	749.612	842.575	-0.004076	5.94219	31.8858	-0.009688
3.74927	79.5584	84.6178	748.584	842.029	-0.009152	5.94594	31.6882	-0.012813
3.75027	79.8951	84.3442	749.155	842.166	-0.004076	5.94469	31.9349	-0.013125
3.75127	79.8951	84.3442	749.155	842.849	0.02038	5.94594	31.8363	-0.012188
3.75227	79.8951	84.3442	749.155	842.302	-0.004076	5.94469	31.6882	-0.014063
3.75327	80.2419	84.0706	748.926	842.302	-0.004076	5.94344	31.7376	-0.011563
3.75427	79.9685	84.3442	748.898	842.575	0.02038	5.94375	31.4415	-0.012813
3.75527	79.8951	84.6178	748.898	842.166	0.038885	5.94281	31.5402	-0.011875
3.75627	79.8318	84.481	748.898	842.575	-0.008152	5.93969	31.6389	-0.011875
3.75727	79.8318	84.3442	748.584	842.849	-0.004076	5.93937	31.5402	-0.012813
3.75827	79.5584	84.481	748.898	841.756	-0.004076	5.94344	31.7889	-0.011563
3.75927	79.8951	84.3442	749.383	842.302	-0.004076	5.94219	31.6882	-0.013125
3.76027	79.8318	84.3442	748.355	841.21	-0.004076	5.94344	31.6389	-0.01375
3.76127	79.5584	84.481	748.469	842.439	-0.004076	5.94719	31.7376	-0.012813
3.76227	79.4217	84.3442	748.898	842.302	-0.004076	5.94658	32.2804	-0.012813
3.76327	79.9685	84.481	749.041	842.302	0.02038	5.94658	31.5895	-0.014063
3.76427	79.8951	84.3442	748.898	842.302	-0.004076	5.95406	31.7376	-0.013438
3.76527	79.8951	84.0706	748.898	841.756	0.02038	5.94969	31.7376	-0.012813
3.76627	79.8318	84.481	748.898	842.302	0.044837	5.94937	31.7889	-0.011875
3.76727	79.1483	84.3442	748.898	842.575	0.028532	5.93658	31.7376	-0.012813
3.76827	79.8951	84.3442	748.612	843.122	-0.008152	5.90781	31.7889	-0.014063
3.76927	79.9685	84.481	748.241	842.166	-0.008152	5.88887	31.6389	-0.01375
3.77027	80.1052	84.3442	748.898	842.575	-0.004076	5.88858	31.5402	-0.012188
3.77127	79.8318	84.3442	748.926	841.483	-0.012228	5.95658	31.4908	-0.014063
3.77227	79.8318	84.0706	749.041	842.575	-0.004076	5.95158	31.6389	-0.012813
3.77327	79.8951	84.3442	747.87	842.302	-0.004076	5.95281	31.6389	-0.012813
3.77427	79.4217	84.6178	748.241	842.302	-0.004076	5.95187	31.6882	-0.012813
3.77527	79.4217	84.3442	748.898	842.575	0.02038	5.95469	31.5895	-0.014063
3.77627	79.5584	84.3442	748.469	841.756	-0.004076	5.94969	31.6389	-0.011875
3.77727	80.2419	84.0706	748.127	842.302	-0.004076	5.94631	31.6389	-0.011563
3.77827	79.5584	84.0706	748.013	842.302	-0.004076	5.94594	31.7889	-0.012813
3.77927	79.8318	84.3442	747.87	843.805	-0.004076	5.94594	31.5402	-0.011875
3.78027	80.1052	84.3442	748.241	842.575	-0.004076	5.94344	31.5402	-0.012813
3.78127	79.4217	84.3442	748.013	842.439	-0.008152	5.94126	31.7376	-0.010838
3.78227	79.8318	85.1649	747.556	841.483	-0.02038	5.94219	31.5402	-0.015313
3.78327	79.8951	84.481	747.898	842.849	-0.004076	5.94344	31.5402	-0.013125
3.78427	79.8951	84.481	748.127	842.575	-0.004076	5.94469	32.1323	-0.010825
3.78527	79.8951	84.481	747.556	842.166	-0.004076	5.94469	31.7376	-0.012813
3.78627	79.0117	84.3442	748.241	843.395	-0.004076	5.94844	31.6882	-0.012188
3.78727	79.8951	84.3442	748.127	842.849	-0.004076	5.94812	31.6389	-0.011563
3.78827	79.8951	84.3442	748.013	842.849	0.040761	5.94969	31.8363	-0.012813
3.78927	79.5584	84.6178	747.784	842.712	-0.004076	5.94906	31.7376	-0.01375
3.79027	79.9685	84.3442	748.013	841.882	-0.004076	5.95158	31.6389	-0.012813
3.79127	79.8318	84.6178	748.013	843.122	-0.004076	5.94781	31.7376	-0.013438
3.79227	80.1052	84.0706	747.327	842.029	-0.004076	5.92219	31.8363	-0.01125
3.79327	79.9685	84.3442	747.784	842.575	-0.008152	5.90158	31.4415	-0.013438
3.79427	79.8951	85.1649	747.556	842.712	-0.004076	5.89658	31.6389	-0.013438
3.79527	79.8951	84.6178	747.556	842.302	-0.004076	5.92344	31.8363	-0.012813

3.79627	79.9885	84.481	747.558	843.122	-0.004078	5.96719	31.7376	-0.013125
3.79727	79.5584	84.3442	748.013	842.186	-0.004078	5.95583	31.6882	-0.013125
3.79827	79.6951	84.3442	747.327	842.302	-0.004078	5.95719	31.6363	-0.011875
3.79827	79.9885	84.3442	747.099	842.575	0.044837	5.95469	31.5402	-0.012813
3.80027	79.6951	84.3442	746.87	842.849	-0.004078	5.95281	31.7376	-0.013438
3.80127	80.2419	84.2074	747.327	843.122	-0.004078	5.94969	31.6369	-0.010313
3.80227	80.1052	84.3442	747.558	842.439	-0.004078	5.94969	31.5896	-0.011875
3.80327	79.6951	84.0706	746.87	842.849	-0.004078	5.94844	31.5402	-0.012188
3.80427	79.6951	84.2074	746.185	840.836	-0.057066	5.94312	31.1454	-0.014375
3.80527	79.6951	84.6178	747.213	842.849	-0.004078	5.94594	31.6369	-0.013125
3.80827	79.6951	84.0706	747.87	843.395	-0.004078	5.94719	31.9843	-0.015313
3.80727	79.8318	84.3442	747.327	842.985	0.02038	5.94719	31.7376	-0.013438
3.80827	79.9885	84.3442	747.327	842.849	0.016304	5.94719	31.6363	-0.012813
3.80927	79.9885	84.3442	747.87	842.849	0.02038	5.94719	32.0336	-0.013438
3.81027	80.1052	84.3442	747.213	842.302	-0.004078	5.94594	31.6363	-0.012813
3.81127	79.6951	84.3442	747.87	842.575	-0.004078	5.94719	31.6363	-0.013438
3.81227	79.6951	84.3442	747.784	843.122	-0.004078	5.95156	31.8856	-0.011875
3.81327	79.9885	84.3442	747.558	842.985	-0.004078	5.95125	31.9349	-0.012813
3.81427	79.6951	84.3442	746.842	842.302	-0.008152	5.95375	31.8856	-0.013125
3.81527	79.1483	84.481	746.985	842.302	-0.036685	5.94869	31.5896	-0.015313
3.81627	79.8318	84.2074	747.327	842.712	-0.004078	5.9325	31.9349	-0.013438
3.81727	79.6951	84.0706	747.558	842.575	-0.004078	5.91313	32.379	-0.011583
3.81827	79.8318	84.3442	746.985	842.575	-0.004078	5.89469	31.4908	-0.0125
3.81927	79.1483	84.3442	746.87	842.302	-0.004078	5.88719	31.4415	-0.012813
3.82028	79.8318	84.481	747.327	843.258	0.02038	5.96094	31.7376	-0.012188
3.82128	79.8318	84.3442	746.87	843.258	0.048913	5.95719	31.6882	-0.012188
3.82228	80.2419	84.481	746.985	842.849	-0.004078	5.95825	31.7869	-0.012188
3.82328	79.6951	84.0706	746.87	842.712	-0.004078	5.95856	31.8856	-0.012813
3.82428	79.5584	84.0706	747.099	843.395	0.028532	5.95531	31.7869	-0.012813
3.82528	79.6951	84.3442	747.213	842.575	-0.004078	5.95156	31.8856	-0.013125
3.82628	79.9885	84.3442	746.414	841.21	-0.040781	5.95219	31.4908	-0.014888
3.82728	79.1483	84.6178	746.87	842.712	-0.004078	5.95281	31.6882	-0.012188
3.82828	79.9885	84.6178	747.099	843.395	-0.004078	5.94969	32.3297	-0.011583
3.82928	79.6951	84.2074	746.87	842.849	-0.008152	5.94969	31.8856	-0.012813
3.83028	79.9885	85.0281	747.099	843.395	0.028532	5.94969	31.7376	-0.012188
3.83128	79.8318	84.3442	747.327	843.122	-0.004078	5.94937	31.6882	-0.011583
3.83228	79.8318	84.3442	747.327	843.122	0.028532	5.94969	31.9349	-0.012813
3.83328	79.6951	84.3442	747.327	842.985	-0.004078	5.94969	32.063	-0.013438
3.83428	79.5584	84.0706	747.327	843.395	-0.004078	5.94844	31.9349	-0.013438
3.83528	79.9885	84.3442	746.414	843.395	-0.004078	5.94937	31.9349	-0.013125
3.83628	79.1483	84.2074	746.87	843.258	-0.004078	5.95187	31.8363	-0.011875
3.83728	79.8318	84.0706	746.414	842.029	-0.032809	5.94969	31.3922	-0.014888
3.83828	79.6951	84.6178	746.185	841.756	-0.004078	5.95437	31.6882	-0.013438
3.83928	79.6951	84.6178	747.099	843.258	0.044837	5.955	31.9843	-0.012813
3.84028	79.4217	85.1649	746.414	843.395	-0.004078	5.94969	31.8363	-0.012813
3.84128	80.1052	84.2074	746.985	843.395	-0.004078	5.92969	31.9349	-0.011875
3.84228	79.5584	84.481	746.185	843.122	-0.004078	5.90531	31.8856	-0.013438
3.84328	79.5584	84.481	746.528	843.258	0.024456	5.88406	31.7376	-0.013438
3.84428	79.285	84.3442	746.756	843.122	-0.004078	5.91219	32.0336	-0.0125
3.84528	79.1483	84.3442	746.842	843.258	-0.004078	5.96969	31.6882	-0.012188
3.84628	79.9885	84.3442	746.87	843.806	-0.004078	5.95313	31.8856	-0.012188
3.84728	79.6951	83.7971	746.87	843.122	-0.004078	5.96094	31.8363	-0.013438

3.84828	79.8318	84.0708	747.327	842.849	-0.012228	5.95856	31.8882	-0.010313
3.84828	79.5584	84.481	746.414	842.575	-0.004076	5.95489	31.9349	-0.014688
3.85028	79.5584	84.6178	747.099	843.668	-0.004076	5.95489	31.8858	-0.012813
3.85128	79.6951	84.6178	746.414	843.122	-0.004076	5.95281	31.9349	-0.012813
3.85228	79.5584	84.3442	746.071	843.395	-0.004076	5.95281	31.8882	-0.012813
3.85328	79.6951	84.3442	747.099	843.805	-0.004076	5.94781	31.8383	-0.012813
3.85428	79.6951	84.3442	746.985	844.351	-0.004076	5.94781	31.7689	-0.012188
3.85528	80.2419	84.6178	746.414	844.351	-0.004076	5.94594	32.1817	-0.010838
3.85628	79.285	84.2074	746.87	842.712	-0.004076	5.94989	31.7378	-0.013125
3.85728	79.6951	83.7971	746.842	844.488	0.028532	5.94844	32.0336	-0.012813
3.85828	79.4217	84.3442	746.414	843.395	-0.004076	5.94781	32.231	-0.012813
3.85928	79.9685	84.3442	746.842	842.985	-0.004076	5.94989	31.7378	-0.01375
3.86028	79.9685	84.0708	746.185	843.395	-0.004076	5.95313	32.1817	-0.014063
3.86128	79.1483	84.6178	746.185	843.395	-0.004076	5.9525	32.7245	-0.011875
3.86228	79.8318	84.3442	746.414	843.395	-0.004076	5.95719	31.8858	-0.012188
3.86328	79.6951	84.3442	746.842	843.941	0.016304	5.95989	32.231	-0.013438
3.86428	79.8318	84.3442	746.185	843.395	-0.004076	5.95719	32.3297	-0.011875
3.86528	80.2419	84.3442	746.528	843.941	0.044837	5.95219	31.9349	-0.014063
3.86628	79.9685	84.0708	746.758	843.395	-0.004076	5.92825	32.083	-0.012188
3.86728	79.8318	84.3442	746.299	843.668	-0.004076	5.90344	31.9349	-0.011875
3.86828	79.285	84.481	746.414	844.078	-0.004076	5.88812	32.0336	-0.012813
3.86928	79.4217	84.2074	745.957	842.985	-0.008152	5.84989	31.8363	-0.011563
3.87028	79.1483	84.3442	746.985	842.302	-0.004076	5.86594	32.083	-0.010313
3.87128	79.8318	85.1649	745.957	843.122	-0.004076	5.85869	31.8858	-0.013438
3.87228	79.6951	84.3442	746.299	843.395	-0.004076	5.85989	32.231	-0.011563
3.87328	79.9685	84.0708	746.185	843.668	-0.004076	5.95781	32.083	-0.011563
3.87428	79.9685	84.3442	746.414	843.941	-0.004076	5.98094	31.9843	-0.012813
3.87528	79.8318	84.0708	746.299	843.395	-0.004076	5.95844	31.8349	-0.012813
3.87628	79.8318	84.6178	746.842	844.214	-0.004076	5.96344	32.083	-0.012813
3.87728	79.4217	84.8913	746.185	843.941	0.032609	5.95344	31.9843	-0.012813
3.87828	79.6951	84.2074	746.414	843.395	-0.004076	5.94908	31.9843	-0.012188
3.87928	79.6951	83.8803	746.87	844.488	-0.004076	5.94719	32.1817	-0.012813
3.88028	79.1483	84.3442	746.299	843.122	-0.004076	5.95094	32.231	-0.01375
3.88128	79.6951	84.2074	747.099	843.941	-0.012228	5.95094	32.1323	-0.010938
3.88228	79.9685	84.3442	745.5	843.395	-0.028532	5.94844	32.0336	-0.012813
3.88328	79.6951	83.9339	745.842	843.395	-0.004076	5.95158	32.5784	-0.012813
3.88428	80.2419	84.3442	746.299	843.395	0.028532	5.95344	32.3297	-0.012813
3.88528	80.1052	84.3442	746.842	843.668	0.024456	5.95489	32.3297	-0.012813
3.88628	79.6951	84.481	746.414	844.078	0.02038	5.95489	31.8349	-0.012813
3.88728	79.5584	84.2074	746.414	843.941	-0.004076	5.95719	32.231	-0.011563
3.88828	79.1483	84.481	746.87	843.941	0.028532	5.95089	32.231	-0.010625
3.88928	79.1483	84.6178	746.185	843.805	-0.004076	5.98094	32.1323	-0.012813
3.89028	79.9685	84.3442	746.185	844.488	-0.004076	5.94094	32.379	-0.011563
3.89128	79.6951	84.481	746.528	843.941	-0.004076	5.91887	32.1817	-0.011563
3.89228	79.1483	84.3442	746.842	842.849	-0.004076	5.89989	32.3297	-0.010313
3.89328	79.6951	83.9339	745.842	843.258	-0.008152	5.89989	32.4284	-0.012813
3.89428	79.8318	84.481	746.414	844.488	-0.004076	5.97158	32.7245	-0.011875
3.89528	79.0117	84.481	746.842	844.214	0.02038	5.98219	32.0336	-0.012188
3.89628	79.8318	84.6178	746.185	844.214	-0.004076	5.95989	32.083	-0.013125
3.89728	79.9685	84.0708	745.5	844.351	-0.008152	5.95908	32.1323	-0.013438
3.89828	79.6951	84.2074	746.414	844.488	-0.004076	5.98219	32.231	-0.012188
3.89928	79.6951	84.3442	746.414	844.351	-0.004076	5.95989	32.1323	-0.011563

3.90028	79.8951	84.2074	746.185	844.351	-0.004078	5.95719	32.1817	-0.012813
3.90128	79.9685	83.7971	746.185	845.444	-0.004078	5.95469	32.0336	-0.012813
3.90228	79.8951	84.3442	746.414	843.941	-0.012228	5.95531	31.9843	-0.013438
3.90328	79.9685	84.3442	746.185	843.868	-0.004078	5.95187	32.1817	-0.011583
3.90428	79.8951	84.6178	746.185	843.805	-0.004078	5.95281	32.3297	-0.013125
3.90528	79.9685	84.481	746.185	843.941	-0.004078	5.95437	32.9218	-0.011583
3.90628	79.8951	84.481	746.071	844.351	-0.004078	5.95313	32.083	-0.013125
3.90728	80.1052	84.0706	746.185	844.897	-0.004078	5.95781	32.2804	-0.012188
3.90828	79.9685	84.2074	746.071	844.214	-0.004078	5.95656	32.2804	-0.012188
3.90928	79.8951	84.2074	746.299	844.761	-0.004078	5.95719	32.3297	-0.012188
3.91028	80.2419	83.7971	746.642	844.214	0.044837	5.95656	32.231	-0.012188
3.91128	79.4217	85.0281	746.642	844.624	-0.004078	5.96187	32.3297	-0.012813
3.91228	79.8951	84.3442	745.386	844.624	-0.012228	5.95989	32.5271	-0.012188
3.91328	79.9685	84.3442	746.642	844.214	-0.004078	5.96438	32.4777	-0.0125
3.91428	79.5584	83.5236	747.099	843.941	-0.02038	5.95281	32.1323	-0.011583
3.91528	79.9685	84.0706	746.414	845.307	-0.004078	5.92906	32.1323	-0.014698
3.91628	79.8951	84.2074	747.099	843.868	-0.004078	5.91281	32.2804	-0.012188
3.91728	79.8951	83.8603	746.299	844.214	-0.004078	5.89406	32.4284	-0.010938
3.91828	79.8951	84.3442	746.185	844.897	-0.004078	5.93158	32.4284	-0.014063
3.91928	79.8951	84.0706	746.299	844.761	-0.004078	5.97489	32.1323	-0.012813
3.92028	79.8951	84.481	745.5	844.078	-0.004078	5.95989	32.1817	-0.012813
3.92128	79.8318	83.7971	746.628	844.488	0.024456	5.98344	32.083	-0.012813
3.92228	79.8951	84.6178	746.299	844.897	-0.004078	5.96281	32.231	-0.011875
3.92328	79.8951	84.6178	745.957	845.034	0.024456	5.98344	32.2804	-0.010938
3.92428	79.8951	85.0281	746.185	844.214	-0.004078	5.98094	32.4284	-0.012813
3.92528	79.285	84.3442	747.784	844.897	-0.004078	5.95989	32.1817	-0.010938
3.92628	79.8318	84.3442	745.5	844.214	-0.004078	5.95625	32.3297	-0.013438
3.92728	79.9685	83.7971	746.185	844.761	-0.004078	5.95625	32.7245	-0.013125
3.92828	80.2419	84.481	746.185	844.488	-0.004078	5.95469	32.5271	-0.0125
3.92928	79.5584	84.2074	746.642	845.307	-0.004078	5.95531	32.5271	-0.010938
3.93028	79.8951	84.3442	746.414	844.897	0.02038	5.95781	32.231	-0.012188
3.93128	79.4217	84.3442	746.299	844.488	-0.004078	5.95656	32.5764	-0.011583
3.93228	79.8318	84.6178	746.414	844.351	-0.004078	5.95394	32.5271	-0.012813
3.93328	79.8318	84.3442	745.957	844.078	-0.008152	5.95489	32.5271	-0.014063
3.93428	79.8318	83.7971	746.414	845.99	0.024456	5.95989	32.6258	-0.010938
3.93528	79.5584	83.7971	746.414	844.897	-0.004078	5.96094	32.7245	-0.011875
3.93628	79.9685	84.3442	746.414	843.941	-0.004078	5.95812	32.7245	-0.011875
3.93728	79.9685	84.3442	746.071	844.351	0.028532	5.96219	32.7245	-0.012813
3.93828	79.8951	84.3442	746.642	845.034	-0.004078	5.96219	32.6751	-0.014063
3.93928	79.9685	84.3442	746.758	845.034	-0.004078	5.94969	32.7245	-0.012813
3.94028	79.8951	84.3442	746.185	844.761	0.02038	5.92489	32.6258	-0.012813
3.94128	79.9685	84.3442	746.87	845.17	0.028532	5.90969	32.7245	-0.012813
3.94228	79.4217	84.481	746.414	844.897	-0.004078	5.88594	32.5764	-0.01375
3.94328	80.2419	84.481	746.414	845.17	0.044837	5.94344	32.5271	-0.013438
3.94428	79.9685	84.3442	746.414	844.761	-0.004078	5.96906	32.231	-0.013125
3.94528	79.5584	84.0706	746.642	845.853	-0.004078	5.95812	32.231	-0.012813
3.94628	79.5584	84.3442	745.957	844.214	-0.004078	5.96094	32.5271	-0.013125
3.94728	79.9685	84.6178	746.071	845.034	-0.004078	5.95719	32.6751	-0.010313
3.94828	79.8951	84.2074	746.299	844.488	-0.02038	5.95719	32.4284	-0.014375
3.94928	79.9685	84.481	746.185	845.034	0.018304	5.95844	32.6751	-0.012813
3.95028	79.4217	84.481	746.642	845.034	-0.004078	5.95469	32.7245	-0.012813
3.95128	79.4217	84.0706	746.414	845.034	-0.004078	5.95344	32.6258	-0.011875

3.95228	79.5584	84.2074	745.957	845.907	-0.004078	5.95344	32.6258	-0.012188
3.95328	79.6951	84.2074	746.842	844.488	-0.004078	5.95219	32.4777	-0.010938
3.95428	79.6951	84.3442	746.071	845.717	0.081141	5.95158	32.4777	-0.012813
3.95528	79.6951	84.481	746.414	845.307	-0.004078	5.95489	32.6258	-0.011583
3.95628	79.8318	84.3442	746.87	846.127	-0.004078	5.95625	32.6258	-0.012813
3.95728	79.6951	84.3442	746.87	844.824	-0.008152	5.95375	32.8232	-0.0125
3.95828	79.1483	84.3442	746.842	844.214	-0.004078	5.95281	32.6258	-0.010838
3.95928	79.6951	84.2074	746.299	844.781	-0.004078	5.95489	32.8725	-0.012813
3.96028	79.6951	84.481	746.071	845.307	-0.004078	5.95489	32.5271	-0.014083
3.96128	79.4217	85.1849	746.414	845.17	-0.004078	5.96125	33.0699	-0.011875
3.96228	79.6951	84.3442	746.414	845.034	0.032809	5.96094	32.8232	-0.013438
3.96328	79.9885	84.0706	745.5	845.034	-0.016304	5.96219	32.6751	-0.012813
3.96428	80.1052	84.6178	746.299	845.58	-0.004078	5.95031	32.7245	-0.013125
3.96528	79.8318	84.2074	745.957	844.897	0.024456	5.92594	32.5764	-0.011875
3.96628	79.6951	84.2074	745.5	845.307	-0.004078	5.90406	32.7245	-0.011583
3.96728	79.8318	84.3442	745.957	845.89	-0.004078	5.89219	32.6271	-0.012813
3.96828	79.9885	84.481	746.842	845.444	-0.004078	5.95719	32.7245	-0.012188
3.96928	79.6951	84.3442	746.414	844.897	-0.004078	5.96489	32.7245	-0.012188
3.97028	79.0117	84.2074	745.957	844.897	-0.004078	5.96219	32.3297	-0.014083
3.97128	79.4217	84.2074	745.5	845.307	-0.004078	5.96219	32.9712	-0.01126
3.97228	79.9885	84.3442	746.842	845.307	0.028532	5.96094	32.6751	-0.010938
3.97328	79.8318	84.6178	745.957	845.58	0.02038	5.95989	32.6751	-0.013125
3.97428	79.9885	84.481	746.414	845.58	-0.004078	5.96187	33.1192	-0.011583
3.97528	79.9885	84.2074	746.414	845.89	0.024456	5.95563	32.7245	-0.011583
3.97628	79.4217	84.3442	746.299	845.58	0.02038	5.95594	32.8232	-0.012813
3.97728	79.6951	84.481	746.299	846.127	-0.008152	5.95489	32.7245	-0.0125
3.97828	79.6951	84.0706	746.414	846.127	-0.004078	5.94869	32.8725	-0.013438
3.97928	79.6951	84.0706	746.985	845.034	-0.004078	5.95281	32.6751	-0.011683
3.98028	79.5584	84.3442	746.299	845.58	-0.004078	5.95594	32.9218	-0.008063
3.98128	79.6951	84.3442	746.842	845.444	-0.004078	5.95187	32.5271	-0.01375
3.98228	79.8318	84.3442	746.299	845.58	-0.004078	5.95406	32.8725	-0.015
3.98328	79.6951	84.481	746.414	845.307	-0.012228	5.95594	33.2673	-0.011583
3.98428	79.6951	84.6178	746.842	845.58	0.024456	5.95594	32.6751	-0.012188
3.98528	80.1052	84.481	746.185	845.58	-0.004078	5.95989	33.0205	-0.0125
3.98628	79.4217	84.0706	746.414	845.853	-0.004078	5.95989	32.5271	-0.012188
3.98728	79.6951	84.2074	746.528	845.17	0.038685	5.96158	32.9218	-0.0125
3.98828	79.5584	84.6178	746.842	845.58	-0.004078	5.96219	32.7245	-0.011583
3.98928	79.5584	84.3442	746.185	845.853	-0.004078	5.94489	32.9218	-0.01125
3.99028	79.6951	84.0706	746.87	844.488	-0.004078	5.83344	32.7245	-0.012813
3.99128	79.9885	84.6178	746.185	845.17	-0.004078	5.15281	32.7245	-0.011583
3.99228	80.1052	84.481	746.842	845.034	-0.004078	4.43408	32.5764	-0.010838
3.99328	80.2419	84.3442	745.957	844.897	-0.012228	3.85281	32.5271	-0.011875
3.99428	79.6951	84.3442	746.299	845.58	-0.004078	3.33489	33.0699	-0.010825
3.99528	80.1052	84.481	746.842	845.58	0.028532	2.89219	32.6751	-0.011583
3.99628	79.5584	84.481	745.957	845.307	-0.008152	2.50489	32.7245	-0.011875
3.99728	79.8318	84.2074	745.5	845.58	-0.004078	2.16489	32.7245	-0.011683
3.99828	79.4217	83.5236	746.299	845.58	-0.004078	1.87219	32.9218	-0.011683
3.99928	79.5584	83.7971	746.842	845.89	-0.016304	1.61812	32.8725	-0.010838
4.00028	79.6951	84.6178	746.414	846.673	0.028532	1.39582	32.8725	-0.010313
4.00128	79.5584	84.481	746.414	845.444	-0.004078	1.20281	32.5271	-0.011583
4.00228	79.6951	84.6178	746.185	845.307	-0.004078	1.0375	33.0205	-0.010838
4.00328	79.5584	84.6178	745.366	845.034	-0.012228	0.889082	32.5271	-0.014063

4.00429	79.4217	84.481	746.185	845.853	-0.028532	0.787812	32.8725	-0.010313
4.00529	79.1483	84.3442	746.758	846.127	-0.004076	0.880312	33.0205	-0.010313
4.00629	79.5584	84.6178	746.299	845.853	-0.004076	0.567187	32.9218	-0.009375
4.00729	79.4217	84.481	746.185	845.034	0.02038	0.489888	32.9218	-0.011563
4.00829	79.8951	84.3442	746.071	845.89	0.02038	0.41825	32.9218	-0.011563
4.00929	79.9685	84.3442	746.414	846.127	0.02038	0.358437	33.1182	-0.009688
4.01029	80.2419	84.3442	746.414	846.263	-0.004076	0.306562	32.7245	-0.012813
4.01129	79.8951	84.0706	745.5	846.127	-0.004076	0.262187	32.9712	-0.011875
4.01229	79.8951	84.3442	746.414	845.17	-0.012228	0.22375	33.0205	-0.013436
4.01329	79.8318	84.2074	745.957	845.58	-0.004076	0.190837	33.0205	-0.010313
4.01429	80.2419	84.481	746.414	844.488	-0.028532	0.160838	32.5784	-0.010313
4.01529	79.1483	84.6178	745.5	845.034	-0.004076	0.140825	32.7245	-0.011563
4.01629	80.2419	84.3442	746.299	845.58	-0.004076	0.12125	33.0205	-0.011563
4.01729	79.8318	84.0706	746.185	845.58	-0.004076	0.102187	32.6751	-0.011563
4.01829	79.5584	84.481	746.842	846.4	-0.004076	0.090825	32.9218	-0.012188
4.01929	79.8951	84.6178	746.414	845.853	-0.004076	0.075938	32.9218	-0.010938
4.02029	79.4217	84.8913	746.185	846.127	0.044837	0.064888	32.8232	-0.01125
4.02129	79.9685	84.0706	746.071	845.68	-0.012228	0.054375	32.7245	-0.011563
4.02229	80.2419	84.3442	746.414	846.4	-0.004076	0.047188	32.9218	-0.011563
4.02329	79.8951	84.0706	746.185	845.89	-0.004076	0.042813	32.8725	-0.011563
4.02429	79.8318	84.481	745.957	845.58	0.02038	0.034888	32.7245	-0.010838
4.02529	79.8951	84.2074	745.271	844.488	-0.040761	0.028583	32.379	-0.013436
4.02629	79.8951	84.3442	745.857	845.58	-0.008152	0.025313	32.9218	-0.011563
4.02729	79.9685	84.0706	746.299	845.444	-0.004076	0.022813	33.2673	-0.01125
4.02829	79.9685	84.3442	745.842	846.809	-0.008152	0.020838	32.9218	-0.012813
4.02929	79.8951	84.6178	746.414	846.536	-0.004076	0.018125	33.0899	-0.010313
4.03029	79.9685	84.3442	746.185	845.89	0.024456	0.013438	33.0205	-0.010938
4.03129	79.5584	84.3442	746.842	846.127	-0.004076	0.012188	33.0205	-0.010825
4.03229	79.9685	84.481	745.842	846.127	-0.004076	0.008688	33.1886	-0.0125
4.03329	80.2419	84.3442	745.842	845.853	-0.004076	0.007813	32.9218	-0.01125
4.03429	79.8951	84.6178	746.299	846.127	-0.004076	0.007188	33.1886	-0.013125
4.03529	79.9685	84.481	745.957	844.824	-0.004076	0.006583	32.9218	-0.010313
4.03629	80.1052	84.3442	745.388	844.897	-0.040761	0.0025	32.6258	-0.014375
4.03729	79.8318	84.3442	746.185	846.536	-0.004076	0.005825	33.1182	-0.010938
4.03829	79.5584	84.6178	746.528	846.4	0.032809	0.004375	33.514	-0.01125
4.03929	79.285	84.3442	746.071	846.673	-0.004076	0.00375	32.9218	-0.012188
4.04029	79.8951	83.9339	746.528	846.4	-0.004076	0.008583	33.1182	-0.011563
4.04129	80.2419	84.481	745.957	845.89	-0.004076	0.002188	33.0205	-0.010825
4.04229	79.9685	84.6178	745.957	845.444	0.02038	0.004083	32.7245	-0.010313
4.04329	79.8318	84.6178	746.414	845.89	-0.032809	-0.000313	32.9712	-0.010938
4.04429	79.9685	84.3442	746.842	846.263	-0.004076	-0.000313	32.7245	-0.010938
4.04529	79.9685	84.3442	746.414	846.536	-0.004076	-0.000313	33.1182	-0.011563
4.04629	79.1483	84.3442	746.299	846.536	-0.004076	-0.000313	32.9218	-0.010825
4.04729	79.8951	84.6178	746.185	844.761	-0.036885	-0.004375	32.4284	-0.012188
4.04829	79.8318	84.3442	746.071	845.853	-0.004076	-0.000313	33.0205	-0.011875
4.04929	79.9685	84.3442	746.185	846.263	0.02038	-0.000313	33.3186	-0.012813
4.05029	79.5584	84.6178	745.5	845.58	0.016304	-0.000313	32.7245	-0.012813
4.05129	79.8951	84.0706	745.842	846.4	-0.004076	0.002188	33.0205	-0.011563
4.05229	79.4217	84.3442	746.414	845.89	-0.004076	-0.000313	32.9712	-0.01125
4.05329	79.8951	84.3442	746.299	846.4	-0.004076	-0.00125	33.0205	-0.011563
4.05429	79.4217	84.481	746.185	846.873	-0.004076	-0.000938	33.2179	-0.010938
4.05529	79.8951	84.3442	745.957	845.58	-0.012228	-0.002188	33.2673	-0.011563

4.05829	79.8951	84.3442	746.414	846.673	-0.004076	-0.000625	32.9218	-0.010938
4.05729	79.8951	84.2074	745.5	846.4	-0.004076	-0.004083	32.9218	-0.013438
4.05829	79.8951	84.0706	744.329	844.351	-0.044837	-0.006563	32.4777	-0.014063
4.05829	79.8951	84.3442	745.5	845.99	-0.004076	-0.00125	33.1686	-0.011875
4.06029	79.8951	84.8913	746.185	845.99	-0.008152	-0.002188	33.6127	-0.010938
4.06129	79.4217	84.3442	745.842	846.538	-0.004076	-0.00125	33.0205	-0.011663
4.06229	79.4217	84.2074	746.185	846.538	-0.004076	-0.001875	33.1192	-0.011563
4.06329	79.8951	84.2074	746.299	845.99	-0.004076	-0.004083	33.0205	-0.01125
4.06429	79.8318	84.2074	746.842	846.538	-0.004076	-0.002188	33.1192	-0.010313
4.06529	79.8951	84.6178	745.728	846.673	-0.004076	-0.004375	33.1686	-0.010938
4.06629	79.4217	83.7971	746.414	847.219	-0.004076	-0.002188	32.9712	-0.012188
4.06729	79.8951	84.481	746.185	847.356	0.028532	-0.002188	32.9218	-0.010625
4.06829	79.8951	84.481	746.87	846.127	0.02038	-0.002813	33.0205	-0.011875
4.06929	79.1483	84.481	746.414	845.853	-0.004076	-0.002813	32.7245	-0.011563
4.07029	79.5584	84.481	745.271	846.127	-0.004076	-0.003125	32.7245	-0.01125
4.07129	79.8951	83.5238	746.299	845.99	0.024458	-0.001875	33.6127	-0.009688
4.07229	79.8951	84.3442	745.5	846.263	-0.004076	-0.003438	33.1686	-0.011563
4.07329	79.8951	84.6178	745.957	846.4	-0.004076	-0.003125	33.1192	-0.012188
4.07429	79.5584	83.7971	746.299	847.083	-0.004076	-0.001563	33.2673	-0.010313
4.07529	79.9685	84.481	746.414	847.083	-0.004076	-0.003125	33.1192	-0.013438
4.07629	79.9685	84.2074	746.299	846.809	-0.004076	-0.002813	33.1192	-0.011563
4.07729	79.8951	84.3442	746.414	846.127	-0.004076	-0.003438	33.0689	-0.01125
4.07829	79.9685	84.6178	745.5	846.673	-0.004076	-0.004063	33.1192	-0.010313
4.07929	80.1062	84.481	745.957	846.4	-0.004076	-0.002188	32.9218	-0.010938
4.08029	79.8951	84.6178	745.842	845.717	-0.02038	-0.006313	32.9218	-0.010938
4.08129	79.4217	83.7971	745.5	846.538	-0.004076	-0.006313	32.9218	-0.012813
4.08229	79.9685	84.3442	746.185	846.127	-0.004076	-0.002813	33.4646	-0.011563
4.08329	79.8951	84.2074	745.5	846.673	-0.004076	-0.004688	33.2179	-0.010625
4.08429	79.8951	84.481	746.414	846.673	-0.004076	-0.000938	33.1192	-0.011563
4.08529	79.8318	85.0281	745.842	846.263	-0.004076	-0.004063	33.3188	-0.011563
4.08629	79.8318	84.481	745.5	846.673	0.02038	-0.002813	33.2673	-0.010313
4.08729	79.8951	84.481	746.299	846.673	0.02038	-0.004063	33.2673	-0.011875
4.08829	79.9685	84.481	746.414	846.673	-0.02038	-0.003438	33.0689	-0.010313
4.08929	79.1483	84.481	746.185	846.809	-0.004076	-0.002188	32.9712	-0.010313
4.09029	79.5584	84.3442	745.5	845.99	-0.012228	-0.003125	33.1192	-0.011875
4.09129	79.4217	84.6178	746.299	845.58	-0.008152	-0.004063	33.1192	-0.009688
4.09229	79.4217	84.0706	745.5	846.263	-0.004076	-0.005313	33.2673	-0.012813
4.09329	79.9685	84.481	745.957	846.538	-0.004076	-0.005625	33.2179	-0.012813
4.09429	79.8318	84.3442	746.414	846.948	-0.004076	-0.005313	32.9218	-0.012188
4.09529	79.8951	84.3442	745.5	846.4	-0.004076	-0.004688	33.2179	-0.010313
4.09629	79.8951	84.3442	746.185	846.4	-0.004076	-0.005313	33.0205	-0.010938
4.0973	79.8951	84.3442	746.414	846.673	-0.004076	-0.005	33.0205	-0.01125
4.0983	79.8951	84.6178	745.5	846.673	-0.004076	-0.006563	33.2673	-0.012188
4.0993	79.8951	84.6178	745.5	846.673	-0.004076	-0.004688	33.2673	-0.010938
4.1003	79.5584	84.2074	745.5	846.448	-0.004076	-0.005313	33.2673	-0.010313
4.1013	79.1483	84.3442	746.299	846.538	-0.004076	-0.00375	33.3188	-0.012188
4.1023	79.8951	84.6178	746.756	846.673	-0.004076	-0.004688	33.2673	-0.009375
4.1033	79.8318	84.2074	745.386	846.4	-0.008152	-0.004688	33.2179	-0.013125
4.1043	79.8951	84.3442	745.5	846.673	-0.004076	-0.004375	33.6127	-0.010938
4.1053	79.4217	84.3442	745.5	847.219	-0.004076	-0.005313	33.3668	-0.013125
4.1063	79.4217	84.481	746.414	846.673	0.02038	-0.001563	33.514	-0.011875
4.1073	79.4217	84.3442	745.5	846.673	0.028532	-0.004375	33.514	-0.011563

4.1083	79.8318	84.3442	745.957	848.948	-0.004078	-0.003126	33.3186	-0.011875
4.1093	79.8951	84.6178	745.957	848.873	0.024458	-0.005313	33.3186	-0.010938
4.1103	79.8318	84.6178	745.957	848.948	-0.004078	-0.005838	33.2673	-0.011563
4.1113	79.8951	83.9339	745.5	847.788	-0.004078	-0.006875	33.2179	-0.012813
4.1123	79.8951	84.481	748.185	848.538	-0.004078	-0.005313	33.2179	-0.011875
4.1133	79.8951	84.481	748.758	848.4	-0.004078	-0.005825	33.4153	-0.008438
4.1143	79.5584	84.6178	745.271	848.127	-0.012228	-0.003438	33.1192	-0.012813
4.1153	79.8951	84.3442	745.957	848.873	-0.004078	-0.004083	33.8127	-0.01125
4.1183	79.4217	84.6178	748.185	848.873	-0.004078	-0.004083	33.2673	-0.008688
4.1173	79.4217	84.481	745.5	848.809	-0.004078	-0.004083	33.2673	-0.011563
4.1183	79.9885	84.481	745.957	848.283	-0.004078	-0.004083	33.4153	-0.011589
4.1193	79.1483	84.3442	745.5	848.948	-0.004078	-0.003438	33.3186	-0.011589
4.1203	79.9885	84.481	745.957	847.083	0.044897	-0.005313	33.3186	-0.011589
4.1213	79.5584	84.6178	746.071	848.809	-0.004078	-0.004888	33.0205	-0.010313
4.1223	79.8318	84.2074	745.957	848.873	0.02038	-0.005313	33.3186	-0.010313
4.1233	79.8951	84.3442	748.185	845.99	-0.004078	-0.004375	33.2673	-0.010825
4.1243	80.2419	84.3442	747.089	848.948	-0.02038	-0.005825	33.2673	-0.008375
4.1253	80.5153	84.3442	745.388	847.083	-0.004078	-0.008583	33.3186	-0.012813
4.1263	79.0117	84.481	745.5	848.873	-0.004078	-0.005313	33.4848	-0.011589
4.1273	79.8951	84.481	748.071	848.873	0.028532	-0.005838	33.3186	-0.012813
4.1283	79.8318	84.2074	748.185	847.358	-0.004078	-0.001875	33.7114	-0.010938
4.1293	79.4217	84.481	745.271	848.948	-0.004078	-0.004688	33.3186	-0.012188
4.1303	79.8951	84.6178	748.414	847.358	0.028532	-0.005825	33.4848	-0.010313
4.1313	79.5584	84.6178	745.5	848.948	-0.004078	-0.005313	33.4153	-0.011875
4.1323	79.1483	84.481	745.388	847.492	-0.004078	-0.005313	33.4153	-0.012813
4.1333	78.7383	84.481	745.271	847.219	-0.004078	-0.00625	33.1192	-0.012188
4.1343	79.8951	84.3442	744.815	848.873	-0.004078	-0.005838	33.3659	-0.01125
4.1353	79.285	84.481	748.842	848.4	-0.008152	-0.007813	33.4153	-0.008438
4.1363	79.8318	84.3442	745.5	848.873	-0.004078	-0.005313	33.3186	-0.013125
4.1373	79.1483	84.3442	745.957	848.873	-0.004078	-0.004083	33.4848	-0.010938
4.1383	79.4217	84.0708	745.388	845.99	-0.004078	-0.005313	33.4848	-0.010825
4.1393	79.5584	84.481	745.5	847.358	-0.004078	-0.002813	33.4153	-0.0125
4.1403	79.5584	84.6178	745.957	847.219	-0.004078	-0.002813	33.3186	-0.010313
4.1413	79.8951	84.3442	748.185	848.873	0.036885	-0.004888	33.3186	-0.01125
4.1423	79.5584	84.0708	745.157	847.492	-0.004078	-0.006875	33.1192	-0.011563
4.1433	79.9885	84.3442	745.5	847.219	-0.004078	-0.005825	33.0205	-0.011875
4.1443	79.8951	84.3442	745.5	849.131	-0.004078	-0.004688	33.1192	-0.011563
4.1453	78.875	84.481	745.5	848.948	-0.004078	-0.005838	33.3186	-0.010938
4.1463	79.9885	84.3442	748.071	847.829	-0.004078	-0.00625	33.4153	-0.010313
4.1473	79.8951	84.3442	745.5	848.873	-0.004078	-0.005313	33.3186	-0.012188
4.1483	79.9885	84.481	745.043	848.538	-0.012228	-0.005825	33.81	-0.010625
4.1493	80.2419	84.2074	745.957	847.788	-0.004078	-0.003126	33.1192	-0.010313
4.1503	79.9885	84.481	748.289	847.788	-0.004078	-0.003438	33.4153	-0.011589
4.1513	79.8951	84.0708	745.5	848.873	-0.004078	-0.005313	33.2179	-0.012813
4.1523	80.2419	84.481	745.271	847.083	-0.004078	-0.006	33.1192	-0.011563
4.1533	79.8951	83.7971	745.957	847.083	0.02038	-0.005838	33.4848	-0.010313
4.1543	79.8951	84.0708	748.185	847.219	-0.004078	-0.007188	33.2673	-0.010313
4.1553	79.1483	84.3442	745.842	847.829	-0.004078	-0.008583	33.0205	-0.010313
4.1563	79.5584	83.7971	748.185	848.948	-0.004078	-0.005313	33.1192	-0.010313
4.1573	79.8951	84.6178	745.5	848.948	-0.004078	-0.005313	33.3186	-0.010313
4.1583	79.9885	84.3442	745.5	847.492	-0.004078	-0.005313	33.4848	-0.011875
4.1593	79.5584	83.9339	745.957	847.492	-0.004078	-0.004688	33.514	-0.010625

4.1603	79.6951	84.3442	745.386	847.219	-0.004076	-0.005825	33.4848	-0.0125
4.1613	79.5584	84.3442	745.957	847.219	0.032609	-0.005313	33.2673	-0.013125
4.1623	79.9685	84.6178	745.957	846.946	-0.012228	-0.005313	33.2673	-0.012188
4.1633	79.4217	84.3442	745.957	847.219	0.02038	-0.005938	32.9712	-0.011563
4.1643	79.8318	84.0706	745.271	846.809	-0.004076	-0.00625	33.1192	-0.011563
4.1653	80.1052	84.6178	745.5	847.492	-0.004076	-0.008563	33.0205	-0.011875
4.1663	79.6951	84.3442	745.5	847.629	-0.004076	-0.005313	33.3188	-0.011583
4.1673	79.4217	84.481	746.185	847.492	-0.004076	-0.005313	32.9712	-0.012188
4.1683	79.6951	84.3442	746.414	847.083	-0.004076	-0.005938	32.7245	-0.01
4.1693	79.9685	84.481	745.5	847.083	-0.004076	-0.005825	32.6751	-0.013438
4.1703	79.8318	84.6178	745.5	846.946	-0.004076	-0.005938	33.2673	-0.01125
4.1713	79.6861	83.7971	745.957	847.219	-0.004076	-0.004375	33.1688	-0.011563
4.1723	79.285	84.3442	745.5	846.946	-0.004076	-0.004375	32.7245	-0.010313
4.1733	80.2419	84.6178	746.185	847.766	0.02038	-0.002188	33.2179	-0.010313
4.1743	79.5584	84.8913	745.957	847.492	0.024456	-0.005938	32.9218	-0.013125
4.1753	79.1483	84.481	745.842	848.175	0.040761	-0.005938	33.1182	-0.012813
4.1763	79.6951	84.3442	745.5	847.219	-0.004076	-0.004888	32.9218	-0.010938
4.1773	79.6951	84.0706	745.5	848.722	0.02038	-0.005313	32.8725	-0.011875
4.1783	79.4217	84.481	746.185	847.219	-0.004076	-0.005938	32.7245	-0.012188
4.1793	80.2419	84.6178	745.5	847.219	-0.004076	-0.00625	32.7245	-0.010625
4.1803	79.8318	84.481	745.957	848.4	-0.004076	-0.00625	32.7245	-0.010625
4.1813	79.9685	84.3442	745.5	847.219	0.02038	-0.006313	33.1182	-0.010938
4.1823	80.2419	84.3442	745.5	847.492	-0.004076	-0.006563	32.8725	-0.012813
4.1833	79.6951	84.0706	745.957	847.083	-0.004076	-0.005938	32.6258	-0.013438
4.1843	79.6951	84.481	745.271	846.4	-0.004076	-0.005313	32.8725	-0.012813
4.1853	79.1483	84.3442	746.289	847.083	-0.004076	-0.007188	32.9218	-0.008688
4.1863	79.8318	84.6178	746.5	846.946	0.024456	-0.00625	32.9218	-0.010938
4.1873	79.9685	84.3442	745.957	847.356	-0.004076	-0.007188	32.7245	-0.010313
4.1883	79.8318	84.481	745.5	848.585	0.024456	-0.005938	32.6258	-0.012188
4.1893	79.4217	84.2074	745.957	846.946	-0.004076	-0.005825	32.7245	-0.010938
4.1903	80.2419	84.3442	745.5	846.673	-0.004076	-0.004063	32.7245	-0.009063
4.1913	79.6861	84.481	747.099	847.219	-0.004076	-0.003125	32.5271	-0.011563
4.1923	79.8318	84.481	745.5	847.219	-0.004076	-0.00625	32.3297	-0.011563
4.1933	79.9685	84.2074	746.185	847.492	-0.004076	-0.005825	32.7245	-0.010313
4.1943	79.1483	84.3442	746.185	847.219	-0.004076	-0.006	32.379	-0.011563
4.1953	79.5584	85.0281	745.5	847.492	-0.004076	-0.005313	32.231	-0.012188
4.1963	80.2419	84.3442	745.5	847.219	-0.004076	-0.005313	32.4284	-0.010938
4.1973	80.2419	84.6178	745.386	847.083	0.052989	-0.004888	32.231	-0.01125
4.1983	79.5584	83.9339	745.5	846.946	-0.012228	-0.006875	32.3297	-0.011875
4.1993	79.6951	84.2074	745.5	848.312	-0.004076	-0.005938	32.3297	-0.010938
4.2003	79.6951	84.0706	746.185	847.219	-0.004076	-0.005938	32.3297	-0.011875
4.2013	79.6951	84.3442	746.528	846.4	-0.004076	-0.006563	32.3297	-0.008125
4.2023	79.5584	84.481	745.842	846.946	-0.004076	-0.004888	32.1817	-0.013438
4.2033	79.4217	84.0706	745.271	847.492	-0.004076	-0.00625	32.3297	-0.010938
4.2043	79.4217	83.9339	746.071	847.492	-0.004076	-0.005313	32.4284	-0.01125
4.2053	79.6861	83.7971	745.5	847.766	-0.004076	-0.005313	32.231	-0.011563
4.2063	79.5584	84.6178	746.289	846.538	-0.004076	-0.0025	32.231	-0.011875
4.2073	79.6951	84.0706	745.271	847.083	-0.004076	-0.007188	32.231	-0.010625
4.2083	79.6951	84.6178	745.957	847.492	0.044837	-0.006563	32.1323	-0.011875
4.2093	79.9685	84.2074	746.185	847.356	-0.004076	-0.007188	32.5271	-0.011563
4.2103	80.1052	84.3442	745.271	845.853	-0.012228	-0.007188	32.2804	-0.011563
4.2113	80.2419	84.3442	745.957	847.219	-0.004076	-0.005938	32.231	-0.011563

4.2123	79.6951	84.3442	745.386	847.358	-0.004076	-0.0075	32.1323	-0.010938
4.2133	79.6951	85.0281	746.185	848.946	-0.016304	-0.005313	31.9349	-0.01125
4.2143	79.6951	84.2074	745.957	847.219	-0.004076	-0.00625	32.4777	-0.011875
4.2153	79.6951	85.0281	745.5	848.673	-0.02038	-0.006563	32.083	-0.010313
4.2163	79.6951	84.481	746.414	847.766	0.024456	-0.004375	31.7869	-0.010625
4.2173	79.4217	84.6178	745.5	847.219	0.02038	-0.003438	31.9349	-0.010938
4.2183	79.6951	84.481	746.071	847.492	0.024456	-0.006563	31.7376	-0.010625
4.2193	79.8318	84.6178	745.957	848.946	0.024456	-0.005938	31.6389	-0.011563
4.2203	79.9685	84.481	746.071	847.219	-0.004076	-0.005313	31.6389	-0.010313
4.2213	79.6951	84.3442	746.071	846.175	-0.004076	-0.007188	31.9349	-0.010625
4.2223	79.8318	84.6178	745.5	846.127	-0.02038	-0.005938	31.6349	-0.010938
4.2233	79.6951	84.6178	745.957	847.063	-0.004076	-0.005313	31.7869	-0.010313
4.2243	79.5584	84.3442	745.5	846.127	-0.02038	-0.007813	31.4415	-0.012813
4.2253	80.1052	84.481	745.5	846.946	-0.004076	-0.005938	31.9349	-0.01125
4.2263	80.2419	84.3442	746.299	847.219	-0.004076	-0.004688	32.3297	-0.011563
4.2273	79.6951	83.5236	745.5	847.492	-0.004076	-0.006875	31.8856	-0.011875
4.2283	79.9685	84.6178	745.5	847.083	-0.004076	-0.003438	31.8856	-0.012188
4.2293	79.5584	83.9339	745.842	847.356	-0.004076	-0.00825	31.6389	-0.012188
4.2303	79.285	84.3442	746.071	848.909	0.02038	-0.008875	31.7376	-0.010625
4.2313	79.6951	84.6178	745.5	848.946	-0.004076	-0.006563	31.4415	-0.012813
4.2323	79.4217	84.3442	746.185	847.356	-0.004076	-0.007813	31.6389	-0.012188
4.2333	79.8318	84.2074	745.728	847.219	-0.004076	-0.006875	31.7376	-0.012188
4.2343	79.6951	84.6178	745.5	846.673	-0.004076	-0.006563	31.8856	-0.007813
4.2353	79.6951	84.8913	745.5	846.127	-0.004076	-0.006563	31.3428	-0.014688
4.2363	79.5584	84.481	745.5	846.946	0.02038	-0.006563	31.4908	-0.012188
4.2373	79.5584	83.7971	745.5	846.673	-0.004076	-0.007813	31.6389	-0.0125
4.2383	79.6951	84.2074	745.5	846.946	-0.004076	-0.005313	31.5402	-0.010938
4.2393	79.6951	84.481	745.5	847.492	-0.004076	-0.002813	31.5402	-0.011563
4.2403	79.8318	84.6178	745.5	846.673	-0.008152	-0.005313	31.7376	-0.009688
4.2413	79.5584	83.6803	745.5	846.673	0.044837	-0.005313	31.6389	-0.011875
4.2423	79.6951	84.6178	745.5	847.219	-0.004076	-0.006875	31.3922	-0.01125
4.2433	79.5584	84.6178	745.5	847.063	-0.004076	-0.007188	31.3922	-0.011875
4.2443	80.1052	84.481	745.5	847.829	-0.004076	-0.007188	31.4415	-0.010313
4.2453	79.6951	84.0706	746.071	846.673	-0.004076	-0.006563	31.3922	-0.012188
4.2463	79.8318	84.3442	745.5	845.034	-0.036885	-0.008125	30.8481	-0.012813
4.2473	79.6951	84.6178	745.271	846.673	-0.004076	-0.005938	31.3922	-0.012813
4.2483	80.2419	84.6178	745.386	846.536	-0.004076	-0.005625	31.5402	-0.011563
4.2493	79.6951	85.0281	745.5	847.829	-0.004076	-0.004375	31.4415	-0.010938
4.2503	80.2419	84.2074	745.5	847.219	-0.004076	-0.003125	31.4908	-0.012813
4.2513	79.9685	84.3442	745.5	846.946	-0.004076	-0.006563	31.3428	-0.012813
4.2523	79.6951	83.7971	746.071	846.946	-0.016304	-0.00625	31.4415	-0.011875
4.2533	79.9685	84.481	746.299	847.083	-0.004076	-0.007188	31.5402	-0.010938
4.2543	79.6951	84.2074	746.414	847.766	-0.004076	-0.005938	31.5402	-0.009063
4.2553	79.5584	84.3442	745.5	847.219	-0.004076	-0.006563	31.4415	-0.010625
4.2563	79.6951	84.3442	745.5	846.673	-0.02038	-0.005313	31.6882	-0.010625
4.2573	79.6951	84.6178	745.157	845.034	-0.044837	-0.009063	30.9481	-0.014063
4.2583	79.6951	84.3442	745.271	846.4	-0.004076	-0.005313	31.3428	-0.011875
4.2593	80.1052	83.9339	745.271	847.063	-0.004076	-0.00375	31.9349	-0.010625
4.2603	79.6951	84.6178	745.842	847.219	0.02038	-0.004063	31.2935	-0.01125
4.2613	79.9685	84.3442	745.5	847.356	-0.004076	-0.003438	31.3428	-0.010313
4.2623	79.6951	84.6178	745.5	846.673	-0.004076	-0.006125	31.2935	-0.010938
4.2633	79.6951	83.9339	745.5	846.673	0.028532	-0.006875	31.0961	-0.012188

4.26431	79.8951	84.6178	745.5	846.946	-0.004076	-0.005938	31.1454	-0.012188
4.26531	79.8951	84.6178	746.071	846.946	-0.004076	-0.00625	31.3428	-0.011563
4.26631	79.5584	84.481	745.842	847.083	-0.004076	-0.005313	31.0951	-0.011875
4.26731	80.1052	84.3442	746.185	847.766	-0.004076	-0.005938	31.3922	-0.010313
4.26831	79.285	83.8803	744.815	845.58	-0.057085	-0.010313	30.7013	-0.014668
4.26931	80.2419	84.3442	745.386	846.536	-0.004076	-0.00625	30.8494	-0.013436
4.27031	80.1052	84.3442	745.5	846.4	-0.004076	-0.005313	31.4415	-0.010625
4.27131	79.8951	84.2074	745.5	847.219	-0.004076	-0.005938	30.9481	-0.010836
4.27231	79.9885	84.6178	745.5	846.946	-0.012228	-0.005313	31.0467	-0.012188
4.27331	79.5584	84.3442	746.185	847.219	-0.004076	-0.007813	30.8987	-0.010836
4.27431	79.8951	84.3442	745.043	846.4	-0.004076	-0.007188	30.9481	-0.01125
4.27531	79.8951	84.0708	745.5	846.846	-0.02038	-0.005313	31.0981	-0.013125
4.27631	79.8318	84.3442	745.842	846.673	0.02038	-0.004688	31.3428	-0.009888
4.27731	79.9885	84.6178	745.271	847.766	-0.012228	-0.008125	31.0467	-0.012188
4.27831	79.8951	84.481	745.5	845.99	-0.004076	-0.006583	31.0467	-0.010313
4.27931	79.8951	84.2074	744.7	845.034	-0.038885	-0.010313	30.5533	-0.012813
4.28031	80.2419	84.3442	745.043	845.99	-0.004076	-0.008125	31.0467	-0.010625
4.28131	79.8951	84.2074	745.5	846.673	-0.004076	-0.008875	31.4908	-0.010836
4.28231	79.8951	84.481	745.5	846.809	-0.004076	-0.006583	31.1454	-0.011563
4.28331	79.9885	84.3442	745.5	846.4	-0.004076	-0.00375	31.0981	-0.012188
4.28431	80.2419	84.6178	745.5	846.846	-0.004076	-0.005313	30.9481	-0.011563
4.28531	79.4217	84.3442	745.5	846.4	-0.004076	-0.005625	31.1454	-0.01125
4.28631	79.8318	84.6178	745.957	846.536	-0.004076	-0.006825	31.1454	-0.010836
4.28731	79.8318	84.6178	745.386	847.356	0.02038	-0.007188	31.0467	-0.010313
4.28831	79.9885	83.9339	745.5	847.083	-0.004076	-0.0075	30.8	-0.010313
4.28931	79.5584	84.481	745.5	846.673	0.024456	-0.006825	30.9481	-0.010836
4.29031	79.8951	83.9339	745.957	846.4	-0.004076	-0.007813	30.652	-0.009375
4.29131	79.4217	84.2074	745.043	845.99	-0.004076	-0.007188	30.7507	-0.014063
4.29231	79.8951	83.7971	745.957	846.809	-0.004076	-0.006875	31.0981	-0.011563
4.29331	79.8951	84.2074	745.271	846.4	-0.008152	-0.006875	30.5533	-0.012188
4.29431	79.8951	84.3442	745.271	846.673	-0.004076	-0.003125	30.9481	-0.010836
4.29531	79.285	84.6178	745.957	846.673	-0.004076	-0.00625	30.8494	-0.01125
4.29631	79.8951	84.6178	745.5	846.4	-0.004076	-0.006583	30.8	-0.010836
4.29731	79.8951	84.481	744.815	846.283	0.024456	-0.005938	30.7507	-0.010625
4.29831	79.8951	84.3442	745.5	846.673	-0.004076	-0.00625	30.7013	-0.012813
4.29931	79.8951	83.9339	745.5	846.175	-0.004076	-0.00625	30.652	-0.010836
4.30031	79.8951	84.3442	745.271	846.4	-0.004076	-0.005825	30.7507	-0.010313
4.30131	79.4217	83.7971	745.5	845.853	-0.040761	-0.007813	30.8026	-0.012188
4.30231	79.5584	84.3442	744.929	846.4	-0.008152	-0.007188	30.5038	-0.013125
4.30331	79.8951	84.2074	745.271	847.083	-0.004076	-0.005313	31.3428	-0.01125
4.30431	79.5584	84.2074	745.5	847.219	-0.004076	-0.005938	30.8026	-0.010836
4.30531	79.8951	84.2074	745.5	846.673	-0.004076	-0.004063	30.8987	-0.01125
4.30631	79.9885	84.3442	744.815	846.536	-0.004076	-0.006583	30.8494	-0.010836
4.30731	79.8318	84.3442	745.271	846.536	0.028532	-0.005938	30.8987	-0.011563
4.30831	79.4217	84.481	745.5	846.673	-0.004076	-0.008438	30.8	-0.011563
4.30931	79.8318	84.481	745.5	846.673	-0.008152	-0.006875	30.8987	-0.011563
4.31031	79.5584	84.2074	745.5	847.492	-0.004076	-0.006875	30.8494	-0.012813
4.31131	79.8951	84.2074	745.157	846.4	-0.004076	-0.005938	30.7507	-0.011563
4.31231	79.8318	84.2074	745.957	846.127	-0.004076	-0.006583	30.5038	-0.009063
4.31331	79.1483	84.481	745.271	846.127	-0.004076	-0.006875	30.5533	-0.014063
4.31431	80.1052	84.481	745.5	846.4	-0.004076	-0.005313	31.1454	-0.011563
4.31531	79.8951	84.2074	745.5	846.673	-0.004076	-0.004063	30.4548	-0.010836

4.31831	79.4217	84.0706	745.5	847.358	-0.004076	-0.004375	30.4546	-0.012188
4.31731	79.8951	84.3442	745.5	846.4	-0.004076	-0.005938	30.8	-0.012813
4.31831	79.4217	84.8178	745.386	845.853	-0.004076	-0.006563	30.4546	-0.012188
4.31831	79.5584	84.2074	745.857	847.219	0.024456	-0.004688	30.5533	-0.011875
4.32031	79.8951	84.0706	745.5	846.536	-0.004076	-0.005938	30.3559	-0.011875
4.32131	79.8318	84.481	745.271	846.946	-0.004076	-0.004688	30.652	-0.011583
4.32231	79.8951	84.8178	745.5	846.808	-0.004076	-0.006563	30.5533	-0.010313
4.32331	79.8318	85.0281	746.642	847.083	-0.004076	-0.005313	30.7013	-0.008438
4.32431	79.8318	84.3442	745.043	846.127	-0.02038	-0.006563	30.7013	-0.011583
4.32531	79.5584	84.2074	745.043	846.946	-0.004076	-0.007813	30.9481	-0.011583
4.32831	79.8318	84.8178	745.271	846.873	-0.004076	-0.005313	30.7507	-0.011583
4.32731	79.5584	83.9339	745.5	846.4	-0.004076	-0.003438	30.8026	-0.011875
4.32831	79.8951	84.2074	745.5	846.4	-0.004076	-0.007188	30.7013	-0.010313
4.32831	79.8951	84.8913	745.5	846.946	0.032809	-0.005313	30.6533	-0.011583
4.33031	79.8318	85.1649	745.043	846.873	0.028532	-0.005938	30.6533	-0.010838
4.33131	79.8318	84.8178	745.5	846.4	-0.004076	-0.006825	30.7507	-0.011583
4.33231	79.8951	84.8178	745.5	847.766	-0.004076	-0.005313	30.652	-0.012188
4.33331	79.5584	84.0706	745.157	846.4	-0.004076	-0.006825	30.7507	-0.0125
4.33431	79.8951	84.8178	746.071	845.58	-0.012228	-0.006563	30.7507	-0.009063
4.33531	79.4217	83.7971	745.271	846.127	-0.004076	-0.005938	30.8	-0.012813
4.33631	79.5584	84.8178	744.815	845.58	-0.004076	-0.007188	30.4053	-0.013438
4.33731	80.2419	84.3442	744.929	845.58	-0.004076	-0.005938	30.5533	-0.011583
4.33831	79.8951	84.8178	745.386	846.946	0.028532	-0.004688	30.4546	-0.010313
4.33931	80.1052	84.2074	745.271	846.536	-0.004076	-0.007188	30.4546	-0.010313
4.34031	79.5584	84.2074	745.157	846.873	-0.004076	-0.005313	30.7013	-0.010313
4.34131	79.8951	83.7971	745.271	846.946	0.024456	-0.005313	30.4546	-0.010825
4.34231	79.4217	84.2074	745.5	846.4	-0.004076	-0.006875	30.7013	-0.011583
4.34331	79.4217	84.481	745.157	847.219	-0.02038	-0.008375	30.5533	-0.011583
4.34431	79.5584	83.7971	744.7	845.853	-0.004076	-0.007188	30.5039	-0.013438
4.34531	79.5584	85.1649	745.043	846.4	-0.008152	-0.007188	30.4546	-0.010313
4.34631	79.1483	84.3442	745.043	845.58	-0.008152	-0.005313	30.2572	-0.011583
4.34731	79.8318	84.481	744.929	846.873	-0.004076	-0.006563	31.1454	-0.010838
4.34831	79.1483	84.481	745.043	845.853	-0.004076	-0.007813	30.5533	-0.010825
4.34931	80.1052	84.3442	745.271	845.717	-0.004076	-0.006563	30.7507	-0.010825
4.35031	79.8951	84.3442	745.043	846.873	-0.004076	-0.005938	30.4546	-0.0125
4.35131	79.9885	84.3442	745.043	846.946	-0.004076	-0.00625	30.1585	-0.010838
4.35231	79.285	83.7971	745.271	846.873	-0.004076	-0.006683	30.7507	-0.011875
4.35331	79.5584	84.8178	744.929	846.127	-0.02038	-0.008438	30.6533	-0.012188
4.35431	79.4217	84.8178	744.586	847.492	-0.004076	-0.008875	30.5533	-0.010313
4.35531	79.8951	84.3442	745.043	846.283	-0.004076	-0.00625	30.652	-0.010313
4.35631	79.4217	84.481	746.87	846.4	-0.004076	-0.006563	30.8987	-0.007813
4.35731	79.0117	84.481	745.271	845.58	-0.004076	-0.00625	30.8026	-0.012813
4.35831	79.4217	84.481	745.271	846.127	-0.004076	-0.005313	30.8987	-0.012813
4.35931	79.8951	84.0706	744.129	846.127	0.02038	-0.006563	30.5533	-0.012813
4.36031	79.8951	84.3442	745.157	846.536	0.02038	-0.005	30.2572	-0.011583
4.36131	79.8951	84.3442	745.5	846.536	-0.004076	-0.005313	30.5039	-0.011875
4.36231	80.1052	84.481	744.815	846.4	-0.004076	-0.007813	30.5039	-0.012813
4.36331	79.1483	84.3442	744.929	846.283	0.040761	-0.006563	30.652	-0.010313
4.36431	79.9885	84.2074	744.586	846.127	-0.004076	-0.005938	30.4546	-0.011583
4.36531	80.1052	84.8178	744.586	846.127	-0.004076	-0.006563	30.8026	-0.010838
4.36631	79.285	84.3442	745.043	845.58	-0.004076	-0.005938	30.3559	-0.011583
4.36731	79.8951	84.481	745.386	846.127	-0.008152	-0.00625	30.5533	-0.009063

4.36891	79.1483	84.2074	745.043	848.127	-0.004078	-0.008125	30.652	-0.011563
4.36931	79.8318	84.0706	744.129	845.99	-0.008152	-0.007188	30.8494	-0.010938
4.37091	79.9885	84.8178	744.588	845.853	-0.004078	-0.004888	30.5533	-0.011563
4.37131	79.8951	84.0706	744.7	846.4	0.024456	-0.005313	30.3559	-0.010313
4.37231	80.1052	84.481	744.588	846.673	-0.004078	-0.007188	30.2572	-0.010938
4.37331	79.4217	84.0706	745.043	846.4	0.02038	-0.005313	30.5533	-0.010938
4.37431	79.4217	85.0281	745.5	846.673	0.028532	-0.003438	30.4548	-0.011563
4.37532	79.8951	84.3442	744.588	845.99	-0.004078	-0.005825	30.6026	-0.010938
4.37632	79.5584	84.0706	744.815	847.492	-0.004078	-0.005938	30.6026	-0.011563
4.37732	79.8318	84.481	744.015	845.99	-0.004078	-0.00825	30.652	-0.012188
4.37832	79.8951	84.3442	744.929	846.673	-0.004078	-0.005313	30.652	-0.011563
4.37932	80.1052	84.481	744.243	846.598	-0.008152	-0.007188	30.7607	-0.013125
4.38032	79.1483	84.3442	744.815	845.853	-0.004078	-0.005938	30.652	-0.012188
4.38132	80.1052	84.6178	744.815	846.4	0.02038	-0.004888	30.7607	-0.011563
4.38232	79.8951	84.3442	744.588	845.99	-0.004078	-0.005313	30.6026	-0.01125
4.38332	79.5584	83.7971	745.043	846.4	-0.004078	-0.003438	30.5533	-0.012813
4.38432	79.5584	84.0706	744.929	846.673	-0.004078	-0.005825	30.5533	-0.012813
4.38532	79.8951	84.3442	744.015	845.853	0.028532	-0.007188	30.652	-0.011875
4.38632	79.8318	84.6178	744.815	845.99	-0.004078	-0.005825	30.4548	-0.010825
4.38732	79.8951	84.0706	744.7	847.356	0.02038	-0.008875	30.652	-0.010313
4.38832	79.8951	83.7971	744.472	845.853	-0.004078	-0.006875	30.5533	-0.011875
4.38932	79.8318	84.0706	744.129	845.034	-0.004078	-0.007813	30.4548	-0.010313
4.39032	79.5584	84.3442	744.358	845.307	-0.004078	-0.005938	30.3559	-0.0125
4.39132	79.4217	83.7971	744.243	846.127	-0.004078	-0.005825	30.652	-0.010825
4.39232	79.1483	84.481	744.815	848.127	0.028532	-0.005825	30.5533	-0.012188
4.39332	79.8951	84.0706	744.358	845.99	0.028532	-0.004888	30.5533	-0.011875
4.39432	79.8951	84.0706	744.358	845.99	-0.004078	-0.005825	30.3559	-0.011563
4.39532	79.8951	84.481	744.588	846.127	0.032608	-0.00625	30.3559	-0.010938
4.39632	79.8951	84.2074	744.472	845.853	0.048913	-0.006563	30.5533	-0.01125
4.39732	79.8951	84.6178	744.7	845.99	-0.004078	-0.00625	30.7013	-0.012188
4.39832	79.8318	84.6178	744.358	845.853	-0.004078	-0.005825	30.7607	-0.011563
4.39932	79.8985	84.2074	744.129	844.761	-0.004078	-0.008438	30.3559	-0.010313
4.40032	79.5584	84.6178	745.271	846.4	0.024456	-0.005825	30.4548	-0.010313
4.40132	79.9885	84.0706	743.444	845.444	-0.004078	-0.005938	30.5039	-0.013438
4.40232	79.8951	84.3442	744.015	845.58	-0.004078	-0.005825	30.6026	-0.010825
4.40332	80.2419	84.3442	744.129	846.4	-0.004078	-0.005825	31.0467	-0.011563
4.40432	79.8951	84.6178	743.672	845.853	-0.004078	-0.006875	30.4548	-0.011875
4.40532	79.9885	84.6178	744.358	845.58	-0.004078	-0.005313	30.4053	-0.010825
4.40632	79.8318	84.6178	744.358	848.127	-0.004078	-0.005938	30.4548	-0.011875
4.40732	79.5584	84.2074	744.358	845.853	0.036685	-0.007188	30.5533	-0.010938
4.40832	80.1052	84.481	744.588	845.307	-0.004078	-0.005938	30.5039	-0.012188
4.40932	80.2419	84.481	744.015	845.444	-0.004078	-0.008083	30.5039	-0.010313
4.41032	79.5584	84.0706	743.901	844.761	-0.004078	-0.007188	30.4548	-0.013125
4.41132	79.8951	84.0706	744.472	845.99	-0.004078	-0.005938	30.4548	-0.010938
4.41232	79.8951	84.6178	744.129	845.58	0.02038	-0.007813	30.3559	-0.012813
4.41332	79.4217	84.0706	744.358	845.307	-0.004078	-0.005938	30.5533	-0.012813
4.41432	79.8951	84.481	743.672	845.034	-0.004078	-0.007813	30.652	-0.010313
4.41532	79.9885	84.2074	743.672	845.307	-0.004078	-0.005938	30.6026	-0.010313
4.41632	79.8951	84.6178	744.472	845.58	-0.004078	-0.004375	30.5533	-0.010938
4.41732	79.0117	84.3442	744.588	845.58	-0.004078	-0.008438	30.3559	-0.012813
4.41832	79.8951	84.6178	743.672	844.761	-0.004078	-0.007188	30.0598	-0.011563
4.41932	79.8951	84.3442	744.129	845.58	-0.004078	-0.0075	30.4548	-0.010938