

EA02-025

FORD

OCTOBER 27, 2003

APPENDIX N

BOOKS 46 OF 61

PART 3 OF 4

0.208015	88.9881	99.4044	16.1047	4.50721	29.1805	0.022188	-0.632557	5.15489
0.209015	89.8173	99.8155	16.1047	3.41455	29.5881	0.017188	-0.928825	5.15856
0.210015	90.091	98.7192	16.79	4.09747	29.8775	0.022188	-0.829836	5.13781
0.211015	90.091	99.8785	16.3332	3.68772	29.7267	0.021583	-0.731248	5.11719
0.212015	90.091	98.4044	16.2189	4.23405	29.8938	0.025313	-0.829836	5.08844
0.213015	89.5435	99.8155	16.1047	4.50721	29.8533	0.022813	-0.632557	5.12719
0.214015	90.091	99.4044	16.1047	3.55114	29.5147	0.018438	-0.829836	5.16594
0.215015	89.6804	99.8785	17.5895	3.8243	29.4088	0.019063	-0.681901	5.15969
0.216018	89.8173	99.8155	16.5616	3.96088	28.5283	0.020938	-0.928825	5.15594
0.217018	89.9542	99.8785	16.1047	4.09747	29.4577	0.021583	-0.87828	5.15219
0.218018	89.6804	99.5414	16.79	3.96088	29.7104	0.020838	-0.632557	5.15887
0.219018	89.8173	99.8785	16.1047	3.96088	30.3789	0.020838	-0.829836	5.15969
0.220018	89.5435	99.8155	16.9042	3.96088	31.2022	0.022813	-0.829836	5.15969
0.221018	89.8173	99.5414	16.3332	3.55114	30.5256	0.020313	-1.02731	5.15781
0.222018	89.9542	99.8785	16.5616	3.8243	31.7892	0.022813	-0.780591	5.15719
0.223018	89.6804	99.5414	16.1047	3.96088	31.0392	0.021875	-1.02731	5.15719
0.224018	89.9542	99.4044	15.8783	5.3287	30.5297	0.020838	-0.731248	5.15406
0.225018	89.6804	99.4044	15.9805	2.88823	31.3853	0.021583	-1.02731	5.12719
0.226018	89.8173	99.5414	16.3332	3.14139	30.1791	0.02375	-0.829836	5.10812
0.227018	89.8173	99.5414	15.7821	3.96088	29.8878	0.021583	-0.928825	5.09844
0.228018	89.5435	99.9528	16.2189	3.68772	29.5025	0.019688	-0.336488	5.15969
0.229018	89.8173	88.6785	16.9042	3.96088	28.3735	0.022188	-0.533867	5.15781
0.230017	89.9542	99.8155	15.8783	3.8243	29.4495	0.018688	-0.632557	5.15719
0.231017	89.8173	99.4044	16.1047	3.8243	29.8957	0.021875	-0.87828	5.15084
0.232017	90.2279	99.4044	16.1047	3.41455	29.8938	0.021583	-0.632557	5.15125
0.233017	89.8173	99.5414	16.3332	3.68772	29.9387	0.023438	-0.829836	5.1575
0.234017	90.091	99.5414	16.5616	4.23405	30.1873	0.022188	-0.829836	5.16187
0.235017	89.9542	99.8785	17.0185	4.50721	29.8631	0.022188	-0.731248	5.15969
0.236017	89.9542	100.227	16.3332	3.55114	29.8129	0.020825	-1.02731	5.1575
0.237017	89.8173	99.4044	17.4753	3.55114	29.3782	0.021583	-1.02731	5.16187
0.238017	89.8173	99.8562	15.8783	3.41455	29.282	0.020825	-1.02731	5.15969
0.239017	90.6386	99.8785	16.2189	3.55114	28.8137	0.018688	-0.533867	5.14437
0.240017	90.091	99.8785	16.6758	3.27797	30.0243	0.024083	-0.583212	5.11906
0.241017	89.9542	99.8785	15.9805	3.96088	30.5827	0.024083	-0.780591	5.09761
0.242017	89.9542	99.9528	16.79	3.8243	30.5623	0.021875	-0.829836	5.13094
0.243017	89.8173	99.4044	16.1047	3.68772	31.8381	0.019375	-0.829836	5.16989
0.244018	90.091	99.8155	16.79	4.50721	31.4284	0.022188	-0.780591	5.15719
0.245018	89.8173	99.4044	17.1327	4.23405	31.8218	0.020938	-0.87828	5.15844
0.246018	89.8173	99.5414	16.5616	3.27797	32.0827	0.019688	-0.87797	5.15489
0.247018	89.8173	99.8785	16.79	3.96088	31.3853	0.021875	-0.928825	5.15719
0.248018	89.6804	99.8155	16.3332	3.27797	31.6425	0.020825	-0.731248	5.15969
0.249018	89.6804	99.4044	15.9805	3.68772	30.7294	0.02125	-0.87828	5.15594
0.250018	89.9542	99.4044	16.5616	3.8243	29.0582	0.022188	-0.533867	5.15406
0.251018	89.8173	99.8785	16.79	4.09747	29.8858	0.020313	-0.780591	5.15531
0.252018	90.091	99.8155	16.3332	4.09747	29.7348	0.019688	-0.829836	5.15969
0.253018	90.091	98.8562	16.5616	3.68772	30.4278	0.022813	-1.02731	5.15489
0.254018	88.9961	99.8785	16.2189	4.23405	30.3544	0.021875	-0.87828	5.12989
0.255018	90.091	99.5414	16.4474	4.37083	30.4441	0.022813	-0.829836	5.10844
0.256018	89.9542	99.8785	16.3332	4.09747	30.4196	0.019688	-0.928825	5.09812
0.257019	89.9542	99.4044	17.0185	4.50721	30.0324	0.021583	-1.02731	5.15969
0.258019	90.091	99.8785	16.79	3.8243	30.1751	0.020313	-0.731248	5.15969
0.259019	90.5017	99.4044	17.7038	4.64378	29.4577	0.022813	-0.829836	5.15969

0.260019	90.091	99.8785	18.3332	4.23405	29.205	0.02125	-0.731248	5.15469
0.261019	90.091	99.1303	16.79	3.68772	28.8055	0.022188	-0.731248	5.15562
0.262019	90.091	98.9933	16.79	3.96088	28.6343	0.022188	-0.829936	5.15989
0.263019	88.9961	99.9526	18.3332	3.8243	30.224	0.019063	-0.928625	5.15937
0.264019	89.9542	99.8155	16.9042	4.23405	30.2158	0.022188	-1.02731	5.15656
0.265019	90.3848	99.4044	16.5616	3.96088	30.6071	0.019688	-0.97787	5.15906
0.266019	89.8173	99.5414	17.0185	4.91698	31.6058	0.022188	-0.731246	5.15989
0.267019	89.8173	99.5414	18.3332	3.55114	31.1696	0.0225	-0.829936	5.15875
0.268019	89.9542	99.8785	16.3332	3.27797	30.7294	0.021875	-0.731246	5.14094
0.269019	88.9961	99.5414	16.6758	4.50721	32.2131	0.023438	-1.07688	5.11719
0.270019	89.5435	99.8785	17.0185	4.06747	31.3697	0.022188	-0.829936	5.10531
0.27102	90.3848	99.4044	17.0185	3.96088	29.4414	0.02125	-0.87928	5.12219
0.27202	89.5435	99.9526	16.1047	3.41455	29.2783	0.020625	-0.533887	5.18812
0.27302	89.8173	99.4044	16.6758	3.8243	29.2783	0.021875	-0.928625	5.15469
0.27402	89.6804	99.8785	16.5616	3.8243	29.6615	0.019688	-0.928625	5.15469
0.27502	89.5435	99.5414	16.79	4.23405	30.1914	0.023125	-0.790591	5.15666
0.27602	89.8173	99.8155	16.3332	4.64379	30.1588	0.020938	-0.829936	5.15906
0.27702	89.8173	99.8785	16.3332	4.23405	30.387	0.020313	-0.681901	5.15969
0.27802	89.9542	99.4044	16.3332	4.23405	30.224	0.020313	-1.02731	5.15719
0.27902	89.9542	99.9526	16.5616	5.19012	30.2566	0.0225	-0.731246	5.15906
0.28002	89.9542	99.4044	17.0185	4.06747	30.3055	0.02125	-0.87928	5.15906
0.28102	89.8173	99.4044	16.79	4.06747	29.4088	0.020938	-0.731248	5.15906
0.28202	89.8173	99.8785	17.0185	3.55114	29.3028	0.019688	-1.02731	5.15408
0.28302	89.8173	99.8155	16.3332	3.96088	28.6384	0.021563	-0.731248	5.12658
0.28402	89.8173	99.9526	16.9042	4.06747	27.9495	0.021563	-0.435178	5.11219
0.285021	89.8173	99.5414	16.5616	4.06747	28.8544	0.020938	-0.632567	5.09969
0.286021	89.8173	99.9526	17.2489	4.78038	30.1139	0.024063	-0.828625	5.15344
0.287021	89.8173	99.4044	17.0185	4.37063	29.8853	0.022188	-0.829936	5.1625
0.288021	89.6804	99.4044	16.3332	4.23405	30.7702	0.021563	-0.87928	5.15408
0.289021	89.8173	99.8785	16.9042	4.23405	30.6112	0.021563	-0.829936	5.16844
0.290021	89.9542	99.8155	16.5616	4.06747	30.6318	0.021563	-0.583212	5.15669
0.291021	89.9542	99.8785	17.0185	4.78038	31.2267	0.02125	-0.97797	5.15908
0.292021	88.9961	99.4044	16.3332	3.68772	30.9495	0.020938	-0.928625	5.15969
0.293021	89.9542	99.8785	16.79	3.55114	30.5338	0.018125	-1.02731	5.15594
0.294021	89.9542	99.8562	16.3332	3.96088	29.4903	0.021875	-1.07668	5.15969
0.295021	89.9542	99.9526	16.79	4.06747	28.9033	0.022813	-0.583212	5.15969
0.296021	89.8173	99.8785	16.79	4.50721	29.5392	0.022813	-0.829936	5.15844
0.297021	89.8173	99.4044	16.1047	3.8243	29.8734	0.022168	-0.829936	5.14281
0.298021	90.091	99.4044	16.3332	3.96088	30.5541	0.02125	-1.02731	5.11844
0.299022	89.8173	99.8785	16.79	4.23405	30.7213	0.022188	-0.780591	5.10408
0.300022	90.3848	99.4044	16.5616	4.23405	30.3707	0.02125	-0.632567	5.12719
0.301022	89.8173	99.8785	16.3332	4.78038	30.5256	0.021563	-0.829936	5.16844
0.302022	89.8173	99.5414	17.0185	3.96088	30.2892	0.02125	-0.681901	5.15344
0.303022	89.4067	99.4044	16.9042	4.64379	30.118	0.021563	-1.02731	5.15844
0.304022	89.6804	99.4044	16.6758	3.68772	29.6533	0.021563	-1.17535	5.15812
0.305022	89.8173	99.8155	15.8763	3.96088	29.4251	0.022188	-0.87928	5.15625
0.306022	89.6804	99.4044	16.79	4.64379	29.0093	0.02375	-0.435178	5.15844
0.307022	89.8173	99.8785	16.1047	4.50721	28.8137	0.023438	-0.731246	5.15219
0.308022	89.2898	99.4044	16.3332	3.8243	29.7349	0.0225	-0.928625	5.1675
0.309022	90.091	99.4044	16.5616	4.23405	30.0772	0.021563	-0.928625	5.15812
0.310022	89.9542	99.4044	16.1047	4.23405	30.6968	0.019063	-0.731248	5.15625
0.311022	89.8173	99.8785	16.3332	3.68772	31.0392	0.019688	-0.928625	5.16312

0.312022	90.091	99.8155	16.79	4.23405	31.0555	0.022188	-0.87928	5.12969
0.313023	88.9961	99.4044	16.3332	4.78038	31.137	0.021563	-0.829936	5.11188
0.314023	89.8173	99.6785	16.5616	4.50721	31.0718	0.021563	-0.829936	5.10219
0.315023	90.6386	99.5414	16.5616	3.55114	30.5175	0.022188	-1.22469	5.15156
0.316023	90.5017	99.6785	16.1047	3.68772	29.3599	0.022813	-0.681901	5.16312
0.317023	89.4067	99.4044	16.3332	4.23405	28.7811	0.022188	-0.87928	5.15375
0.318023	89.9542	99.5414	16.6758	3.14139	29.5555	0.02125	-0.829936	5.16625
0.319023	89.9542	99.6785	16.5616	4.50721	30.0732	0.024375	-0.632557	5.15687
0.320023	89.8804	99.4044	16.8758	3.99088	30.5134	0.02375	-0.97797	5.15594
0.321023	89.9542	99.4044	16.3332	4.23405	30.7294	0.020313	-0.928825	5.15219
0.322023	90.091	99.4044	16.5616	3.41455	30.8069	0.020938	-0.928825	5.15531
0.323023	90.091	99.8155	16.3332	5.19012	30.7416	0.021563	-0.87928	5.15844
0.324023	88.9961	99.4044	16.5616	4.23405	30.9006	0.022813	-0.87928	5.15812
0.325023	89.9542	99.6785	17.0185	4.23405	30.8109	0.022188	-0.829936	5.15438
0.326023	89.8173	99.6785	15.8763	2.86823	30.3544	0.019688	-1.32338	5.13594
0.327024	89.8173	99.6785	15.8763	4.09747	30.1099	0.023125	-1.126	5.1175
0.328024	89.8804	99.5414	16.8042	4.50721	29.633	0.024688	-0.435178	5.10219
0.329024	89.8804	99.5414	16.8758	4.64379	29.2335	0.0225	-0.87928	5.11582
0.330024	90.091	99.6785	15.8763	3.8243	29.9631	0.024063	-0.533887	5.16406
0.331024	89.4067	99.4044	16.5616	4.09747	30.5134	0.020938	-0.829936	5.14969
0.332024	89.9542	99.2673	16.3332	4.37063	30.8721	0.02125	-0.97797	5.15781
0.333024	89.5435	99.6785	16.8042	3.68772	31.243	0.022813	-0.731246	5.15344
0.334024	89.5435	99.5414	16.79	4.23405	31.349	0.023438	-0.829936	5.15406
0.335024	89.8173	99.6785	16.4474	5.05354	31.2348	0.023438	-1.126	5.15344
0.336024	89.9542	99.6785	15.8763	4.23405	31.0188	0.021563	-0.731246	5.15656
0.337024	89.9542	99.6785	15.4194	3.00481	30.762	0.018438	-1.22469	5.15594
0.338024	90.091	99.6785	16.8758	3.14139	30.2588	0.021563	-0.829936	5.15719
0.339024	89.8173	99.5414	16.4474	4.09747	29.2457	0.022188	-0.435178	5.15469
0.340024	88.9961	99.6785	16.6758	4.23405	28.8544	0.021563	-1.02731	5.16094
0.341025	89.9542	100.601	15.9052	4.09747	29.3843	0.024375	-0.881901	5.13281
0.342025	90.091	100.364	16.3332	4.50721	29.7756	0.023438	-1.126	5.11156
0.343025	89.8173	99.5414	16.3332	4.09747	30.1384	0.022188	-0.928825	5.09719
0.344025	90.091	99.1303	16.5616	4.09747	30.2974	0.022188	-0.829936	5.14437
0.345025	89.9542	99.8155	15.8763	3.99088	30.3952	0.020938	-0.829936	5.15908
0.346025	90.091	99.6785	16.5616	3.68772	30.3463	0.020938	-0.731246	5.15438
0.347025	89.5435	99.4044	16.4474	4.50721	30.2199	0.01875	-0.829936	5.15908
0.348025	90.091	99.4044	15.8763	1.77557	30.1343	0.015825	-1.126	5.15469
0.349025	89.9542	99.5414	15.8763	3.14139	29.7756	0.021563	-0.928825	5.15344
0.350025	89.8173	99.6785	16.5616	4.23405	29.2131	0.022188	-0.336488	5.15682
0.351025	90.091	98.8582	16.3332	4.23405	29.1275	0.023125	-0.829936	5.15781
0.352025	90.3648	99.6785	16.1047	4.09747	29.6859	0.024688	-0.681901	5.15781
0.353025	89.8804	99.6785	16.79	4.23405	30.0365	0.022813	-0.731246	5.15719
0.354025	90.6386	99.1303	16.1047	3.8243	30.7743	0.021875	-0.87928	5.15438
0.355026	89.9542	99.6785	16.2189	3.68772	30.9006	0.020313	-0.829936	5.15125
0.356026	89.8173	99.4044	16.2189	4.09747	30.921	0.022813	-1.02731	5.12687
0.357026	89.8173	99.5414	16.3332	5.46329	31.2348	0.023125	-0.731246	5.10594
0.358026	89.8173	99.6785	16.5616	3.55114	30.9088	0.022188	-0.928825	5.10844
0.359026	89.8173	99.6785	14.9625	1.77557	30.5175	0.01625	-1.42207	5.16219
0.360026	89.9542	99.5414	15.8763	3.8243	30.4604	0.02125	-0.87928	5.15219
0.361026	89.9542	99.4044	16.5616	3.99088	29.8167	0.020938	-0.287144	5.16219
0.362026	88.9961	99.4044	15.9905	4.09747	28.9523	0.022813	-1.22469	5.15594
0.363026	89.9542	99.6785	16.5616	3.68772	28.4183	0.02625	-0.632557	5.15219

0.364026	89.8173	99.8155	15.8783	4.23405	28.8089	0.021875	-1.128	5.15344
0.365026	90.091	99.5414	16.8758	4.23405	29.258	0.022188	-0.780591	5.15719
0.366026	89.5435	99.9526	16.1047	3.96088	29.474	0.019375	-0.731248	5.15582
0.367026	89.2688	99.5414	16.2189	3.88772	29.6941	0.020825	-0.632557	5.15684
0.368026	89.9542	99.8155	16.2189	3.41455	29.955	0.019688	-0.87928	5.15344
0.369027	89.8173	99.6785	16.1047	3.68772	29.7593	0.024063	-1.02731	5.15375
0.370027	89.2688	99.4044	17.1327	3.14139	29.8001	0.020938	-0.87928	5.14219
0.371027	90.091	99.6785	15.7621	3.68772	29.4047	0.023438	-0.829936	5.11684
0.372027	90.091	99.4044	16.3332	4.76038	29.0379	0.024688	-0.632557	5.09844
0.373027	89.8173	100.09	15.6478	3.55114	28.9359	0.021583	-0.583212	5.14156
0.374027	89.8173	100.501	16.3332	4.09747	29.1479	0.02375	-0.533967	5.16084
0.375027	89.8173	99.5414	16.5616	4.09747	29.9835	0.01875	-0.928625	5.15719
0.376027	89.2688	99.4044	15.9905	3.96088	30.2729	0.022188	-1.07866	5.15594
0.377027	89.8173	99.5414	16.5616	4.50721	30.7702	0.020938	-0.780591	5.15406
0.378027	89.9542	99.4044	16.1047	4.23405	31.3979	0.020938	-0.829936	5.15489
0.379027	89.8173	99.4044	15.9905	5.19012	30.9414	0.023438	-1.07866	5.15719
0.380027	89.8173	99.5414	16.1047	3.8243	30.8272	0.021875	-0.731248	5.15844
0.381027	90.3648	99.4044	16.5616	3.14139	30.6275	0.020313	-1.22469	5.15594
0.382028	88.9981	99.4044	16.8763	3.68772	31.1696	0.019688	-0.87928	5.15031
0.383028	89.8173	99.4044	16.1047	3.55114	30.2566	0.020313	-0.484523	5.15281
0.384028	89.8173	99.4044	16.3332	4.09747	29.6533	0.019688	-0.731248	5.14489
0.385028	89.8173	100.227	15.8783	4.09747	29.5392	0.024063	-0.881901	5.12489
0.386028	89.9542	99.8155	16.4474	4.09747	28.7077	0.021875	-0.829936	5.10489
0.387028	89.9542	99.2673	16.2189	3.00481	29.1968	0.022813	-0.829936	5.10406
0.388028	89.9542	98.8562	16.3332	3.55114	29.7593	0.022813	-0.583212	5.18437
0.389028	89.9542	99.1303	16.2189	4.09747	29.9264	0.021583	-0.780591	5.15594
0.390028	89.6804	99.6785	16.8758	4.50721	29.9101	0.019688	-0.829936	5.15719
0.391028	89.5435	100.227	16.8758	3.96088	30.1465	0.021875	-0.829936	5.15156
0.392028	89.9542	99.4044	17.9322	3.96088	29.9753	0.023438	-0.829936	5.15562
0.393028	88.9981	99.5414	16.1047	3.14139	29.6044	0.02125	-0.731248	5.15719
0.394028	89.8173	99.5414	16.3332	3.68772	29.3354	0.01875	-0.484523	5.16906
0.395028	90.091	99.5414	16.3332	3.8243	28.8074	0.019688	-0.928625	5.16812
0.396029	89.2688	99.5414	16.3332	3.96088	29.1396	0.021875	-0.553967	5.15825
0.397029	89.8173	99.2673	16.79	3.41455	29.5514	0.021583	-0.731248	5.15594
0.398029	89.9542	99.6785	17.3611	3.96088	30.4033	0.020938	-0.97797	5.15781
0.399029	89.9542	99.6785	16.79	4.09747	31.0637	0.021583	-0.829936	5.13812
0.400029	89.8173	99.6785	17.1327	4.23405	30.9689	0.024688	-1.22469	5.11438
0.401029	90.091	100.364	16.2189	5.3267	31.8096	0.022188	-0.829936	5.09594
0.402029	89.6804	99.9526	16.5616	3.55114	31.5448	0.023438	-1.02731	5.13682
0.403029	89.8173	99.4044	17.2469	3.96088	31.5202	0.02125	-0.87928	5.16812
0.404029	90.091	99.1303	16.1047	3.14139	32.0134	0.021583	-0.731248	5.15489
0.405029	90.091	99.4044	16.3332	3.8243	31.0351	0.023438	-0.632557	5.15858
0.406029	89.9542	99.6785	16.3332	4.50721	30.8435	0.024063	-0.928625	5.15094
0.407029	89.9542	98.5822	16.4474	3.96088	29.1883	0.022188	-0.533967	5.15856
0.408029	89.8173	99.6785	16.8758	4.23405	28.0827	0.023125	-0.881901	5.15875
0.409029	89.9542	99.4044	16.79	4.23405	30.0978	0.020938	-0.731248	5.15887
0.41003	89.8173	99.5414	16.5616	3.96088	29.849	0.021583	-0.928625	5.15469
0.41103	89.8173	99.6785	17.4753	3.68772	30.2362	0.022188	-0.632557	5.15312
0.41203	89.5435	99.8155	16.5616	5.59967	30.4971	0.021583	-0.731248	5.15719
0.41303	89.9542	99.6785	17.0185	3.68772	30.2077	0.020938	-0.87928	5.15438
0.41403	88.9981	99.8155	17.5895	3.8243	30.6234	0.020938	-0.829936	5.13281
0.41503	90.091	98.8562	16.3332	3.68772	29.5555	0.020825	-0.87928	5.10489

0.41603	89.5435	99.6785	16.79	4.23405	29.6859	0.023125	-0.435178	5.09844
0.41703	89.9542	99.6785	16.5616	4.50721	29.2946	0.0225	-0.731246	5.16219
0.41803	89.8173	100.227	16.79	4.23405	28.6283	0.022188	-0.829936	5.15489
0.41903	89.9542	99.6785	16.5616	3.96088	29.099	0.020938	-0.731246	5.15719
0.42003	89.8173	99.6785	16.3332	4.78038	29.849	0.020825	-0.928825	5.15281
0.42103	89.9542	99.2673	16.79	3.96088	30.2566	0.021875	-0.928825	5.15562
0.42203	89.2688	99.4044	16.6758	4.23405	30.8318	0.020313	-0.780591	5.16219
0.42303	90.3648	99.9933	16.4474	4.23405	31.2104	0.022188	-0.928825	5.15781
0.424031	89.9542	99.9528	16.2189	4.09747	31.4794	0.020825	-0.829936	5.15562
0.425031	89.8173	99.6785	17.4753	4.64379	31.0718	0.022188	-1.02731	5.15531
0.426031	89.9542	99.4044	16.3332	3.00481	31.6588	0.020825	-0.928825	5.15719
0.427031	89.8173	99.8155	15.6478	4.50721	31.1493	0.023125	-0.533867	5.16094
0.428031	90.091	99.6785	17.1327	4.64379	29.955	0.022188	-0.87928	5.14489
0.429031	89.9961	99.5414	16.5616	4.23405	29.4984	0.024375	-0.780591	5.11844
0.430031	89.5435	99.8155	16.1047	4.23405	29.0501	0.025625	-0.632557	5.09989
0.431031	89.8173	99.5414	16.9042	4.78038	29.902	0.02125	-0.829936	5.12719
0.432031	89.9542	99.6785	16.79	3.27797	29.9509	0.019688	-0.632557	5.17094
0.433031	89.2688	99.2673	17.2469	4.23405	30.4726	0.020313	-0.731246	5.16594
0.434031	90.3648	99.1303	17.1327	4.50721	30.4685	0.020838	-0.829936	5.1575
0.435031	90.091	99.5414	16.3332	3.68772	30.3177	0.023125	-0.533867	5.15719
0.436031	89.8173	99.4044	17.4753	3.55114	30.5582	0.02125	-0.829936	5.18344
0.437031	90.091	99.6785	16.4474	3.96088	29.9631	0.022188	-0.829936	5.16187
0.438032	89.8173	99.6785	16.5616	3.14139	28.474	0.023438	-0.484523	5.16156
0.439032	90.2279	99.4044	16.79	4.64379	29.2131	0.023125	-0.632557	5.15719
0.440032	89.8173	99.2673	17.0185	4.23405	28.83	0.022188	-0.829936	5.15989
0.441032	89.8173	99.8155	16.3332	4.23405	28.2879	0.023125	-0.583212	5.16219
0.442032	90.091	98.8562	16.6758	3.68772	28.6343	0.019083	-1.07666	5.15489
0.443032	90.091	99.4044	16.5616	4.23405	29.7308	0.019688	-0.780591	5.12989
0.444032	89.9542	99.4044	16.5616	4.64379	30.2199	0.0225	-0.829936	5.11188
0.445032	89.8173	99.6785	16.9042	5.3287	30.4115	0.022613	-0.780591	5.10084
0.446032	89.2688	99.4044	17.2469	4.23405	30.7457	0.023125	-0.87928	5.15812
0.447032	89.8804	98.8562	17.816	4.23405	31.1696	0.021875	-1.02731	5.18489
0.448032	89.9542	99.4044	16.3332	3.55114	30.9373	0.02125	-0.829936	5.15406
0.449032	89.8173	99.4044	16.5616	3.96088	30.8517	0.020825	-0.533867	5.15844
0.450032	90.091	99.4044	16.2189	4.64379	30.5338	0.019688	-0.632557	5.16219
0.451032	89.9542	99.4044	16.5616	4.09747	29.0908	0.019688	-1.02731	5.16313
0.452033	90.091	99.4044	16.3332	3.96088	28.9359	0.021563	-1.07666	5.16187
0.453033	89.9542	99.5414	16.3332	3.68772	29.6044	0.020938	-0.829936	5.15844
0.454033	89.8804	99.4044	16.5616	4.09747	29.855	0.022188	-0.829936	5.16219
0.455033	89.9542	99.5414	16.79	4.37063	30.4685	0.021875	-0.87928	5.18344
0.456033	89.9542	99.2673	16.3332	5.19012	30.281	0.020938	-1.02731	5.16156
0.457033	89.8173	99.2673	17.0185	4.09747	30.3503	0.022188	-0.87928	5.14594
0.458033	90.091	99.5414	16.79	3.55114	30.2892	0.022188	-0.87928	5.11989
0.459033	89.2688	99.2673	16.4474	3.96088	30.1914	0.020825	-1.02731	5.10594
0.460033	89.8804	99.4044	16.6758	3.96088	30.2892	0.0225	-0.435178	5.11908
0.461033	90.091	99.5414	16.79	4.50721	29.637	0.022613	-0.829936	5.17219
0.462033	89.8173	99.2673	17.2469	5.05354	29.2946	0.019688	-0.829936	5.15489
0.463033	90.091	99.5414	16.6758	4.64379	29.1846	0.02375	-0.533867	5.15989
0.464033	89.9542	99.6785	17.0185	3.27797	28.5243	0.020938	-0.681901	5.15937
0.465033	90.2279	99.4044	17.0185	4.23405	28.5555	0.022188	-1.126	5.15781
0.466034	90.5017	99.5414	16.79	3.96088	30.1914	0.022613	-1.02731	5.15875
0.467034	89.9542	99.2673	17.0185	6.41938	30.5378	0.0225	-0.829936	5.15594

0.468034	90.091	99.8785	18.79	3.68772	30.9862	0.022188	-0.731248	5.15489
0.469034	89.9542	99.5414	18.3332	3.96088	30.8968	0.019375	-0.928625	5.16344
0.470034	90.091	99.4044	18.9042	3.00481	31.1207	0.021875	-0.928638	5.15989
0.471034	89.5435	99.9528	18.9042	4.64379	31.1483	0.021875	-0.633867	5.15825
0.472034	89.5435	99.8785	18.1047	3.8243	30.5338	0.023125	-0.632557	5.13656
0.473034	89.8804	99.8155	15.4194	4.23405	29.6452	0.022188	-1.02731	5.11438
0.474034	89.9542	99.8785	18.3332	2.88823	28.6425	0.022188	-0.928625	5.10156
0.475034	90.091	99.8582	18.5816	4.09747	29.584	0.022188	-0.829936	5.14406
0.476034	89.9542	99.2673	18.5816	3.68772	30.0408	0.021563	-0.928625	5.18156
0.477034	89.8173	99.5414	18.5816	4.09747	30.4441	0.021875	-0.632557	5.15188
0.478034	89.8804	99.9528	15.8783	4.64379	30.7335	0.020313	-0.928625	5.15719
0.479034	90.091	99.4044	18.3332	4.23405	30.9251	0.021563	-0.731248	5.15594
0.480035	89.9542	99.8785	18.3332	4.78038	31.0392	0.020938	-0.829936	5.15781
0.481035	90.6386	99.4044	16.79	4.09747	30.8395	0.021563	-1.126	5.15489
0.482035	89.9542	99.8785	18.5816	4.09747	30.8435	0.021563	-0.87828	5.15406
0.483035	89.8173	99.4044	18.5816	3.8243	30.6723	0.019688	-0.681901	5.15781
0.484035	89.8173	99.4044	18.3332	4.23405	30.1588	0.023125	-0.829938	5.15906
0.485035	90.091	99.4044	18.5816	4.50721	29.7104	0.024688	-0.829938	5.15489
0.486035	90.6386	99.8785	18.3332	3.68772	29.4414	0.021563	-0.237799	5.14969
0.487035	90.091	99.8582	18.5816	4.23405	30.0864	0.02375	0.650406	5.12856
0.488035	89.8804	99.9528	18.2189	3.96088	30.5052	0.0226	1.53881	5.11084
0.489035	89.2898	99.5414	18.5816	5.3287	30.9903	0.021875	2.27878	5.10469
0.490035	90.091	100.227	18.1047	4.23405	31.3001	0.021563	3.0883	5.16158
0.491035	89.8173	99.8155	16.9905	4.09747	31.3897	0.021563	3.58174	5.15219
0.492035	89.8173	99.8785	17.0185	3.55114	31.3816	0.021875	3.70978	5.15489
0.493035	89.8173	99.5414	18.8758	4.23405	31.1859	0.021875	4.30191	5.15858
0.494036	89.9542	99.5414	15.9905	3.14139	30.8109	0.021875	4.44995	5.15344
0.495036	89.9542	99.8785	18.3332	3.8243	30.3014	0.021875	3.90718	5.15281
0.496036	90.091	99.9528	15.7621	3.27797	29.421	0.022188	3.90718	5.15156
0.497036	89.8173	99.5414	18.3332	4.23405	28.8707	0.092188	3.88043	5.13489
0.498036	90.091	99.5414	18.1047	4.09747	29.2906	3.25719	3.75912	4.58906
0.499036	89.8173	99.4044	18.3332	3.68772	29.796	5.00562	3.41371	4.38844
0.500036	89.5435	99.9528	18.8758	4.09747	30.0283	5.05469	3.28587	4.49219
0.501036	89.8173	99.5414	18.8758	3.8243	30.2484	5.32844	3.31502	4.47344
0.502036	90.091	99.9528	18.1047	3.55114	30.334	5.28875	3.48305	4.48219
0.503036	89.9542	99.8785	18.8758	3.27797	30.3055	5.34489	3.18899	4.48158
0.504036	89.9542	99.8785	18.2189	3.68772	30.224	5.39969	3.90718	4.51594
0.505036	89.9542	99.8785	18.3332	4.78038	30.0283	5.47719	4.05519	4.55989
0.506036	89.9542	99.5414	18.8758	4.23405	29.7838	5.49813	4.00585	4.55989
0.507037	89.8804	99.8785	18.3332	4.23405	29.1868	5.53375	4.20322	4.57344
0.508037	89.9542	99.8785	18.1047	3.96088	28.8218	5.55719	4.15388	4.58094
0.509037	90.5017	99.8155	18.2189	3.96088	29.5881	5.68719	4.05519	4.58989
0.510037	89.9542	99.8785	18.2189	3.68772	30.0864	5.61375	3.68043	4.59989
0.511037	90.5017	99.8785	18.3332	5.59987	30.4522	5.63656	3.9565	4.60719
0.512037	89.8173	100.227	18.1047	4.09747	30.7783	5.65969	3.70978	4.61408
0.513037	89.8173	99.4044	18.3332	4.50721	30.9088	5.68437	3.9565	4.62583
0.514037	90.091	99.8785	18.5816	3.96088	30.9088	5.70489	3.70978	4.62906
0.515037	89.9542	99.8155	15.8783	5.73845	30.8639	5.72187	3.68043	4.63219
0.516037	89.8173	99.8785	18.3332	4.78038	30.5827	5.71844	3.90718	4.62406
0.517037	89.8173	99.4044	18.5816	5.59987	30.2158	5.71875	3.70978	4.61219
0.518037	90.091	99.4044	18.3332	6.69253	29.5637	5.72344	3.80847	4.60844
0.519037	89.8804	99.8785	18.5816	6.55594	29.0175	5.79094	3.9565	4.65989

0.520037	89.8173	99.8785	16.3332	7.37544	28.512	5.82094	3.85781	4.67219
0.521038	89.5435	99.6785	16.3332	7.6486	28.5161	5.83312	3.70878	4.67489
0.522038	89.9542	99.8155	17.0185	9.42417	29.0827	5.84969	3.5124	4.67906
0.523038	89.8173	99.4044	16.3332	8.33151	29.5066	5.86469	3.61109	4.68469
0.524038	89.8173	99.5414	16.8758	7.92177	29.2376	5.88094	3.66043	4.69281
0.525038	88.9961	99.9528	16.8478	7.92177	29.7756	5.89694	3.0683	4.69658
0.526038	89.9542	99.4044	16.3332	8.33151	29.9957	5.91094	3.26567	4.70094
0.527038	89.9542	99.4044	18.1047	8.46809	29.4984	5.92856	3.61109	4.70906
0.528038	90.091	99.5414	17.0185	8.46809	29.6207	5.94312	3.41371	4.71469
0.529038	89.5435	99.4044	17.1327	8.33151	29.046	5.95856	3.70878	4.71969
0.530038	89.9542	99.8562	17.4753	8.05835	28.5446	5.96094	3.66043	4.71906
0.531038	90.5017	99.5414	17.3611	7.92177	29.1479	5.94719	3.41371	4.70219
0.532038	89.9542	99.4044	16.5616	8.05835	29.7675	5.93656	3.48305	4.68969
0.533038	90.091	99.4044	17.1327	9.01442	30.2362	5.94969	3.61109	4.69719
0.534038	89.8173	99.8414	16.79	7.23885	30.7253	6.02562	3.80847	4.75344
0.535038	89.4087	99.8155	17.2469	7.37544	31.08	6.02656	3.61109	4.74969
0.536038	89.5435	99.4044	17.2469	6.55594	30.7457	6.04219	3.41371	4.75406
0.537038	89.5435	99.4044	17.2469	7.10227	31.0066	6.05125	4.10453	4.75838
0.538038	89.9542	99.8785	17.5895	6.86569	31.4427	6.06344	4.49629	4.76406
0.539038	89.9542	99.9528	17.4753	6.55594	30.6479	6.07562	4.30191	4.77094
0.540038	89.8173	99.4044	17.7038	6.86569	30.4522	6.08469	4.74602	4.77344
0.541038	90.091	99.8155	17.5895	6.29278	29.9305	6.09656	4.59798	4.77844
0.542038	90.091	99.5414	17.9322	8.19493	29.0338	6.10719	4.79536	4.78406
0.543038	90.091	99.2673	17.9322	7.92177	28.7729	6.11906	4.89405	4.78594
0.544038	89.8904	99.5414	18.3891	8.46809	29.1968	6.12469	5.28881	4.79094
0.545038	89.8173	99.2673	18.1606	9.9705	30.0385	6.12281	5.3875	4.78531
0.546038	89.9542	99.5414	18.1606	8.80468	29.5147	6.10594	5.3875	4.78856
0.547038	89.8173	99.4044	16.79	8.80468	30.0446	6.09281	5.28881	4.75187
0.548038	89.8173	99.4044	18.5033	11.0632	30.2484	6.12469	5.78225	4.77656
0.54904	90.091	99.2673	18.9602	12.1658	29.4818	6.18825	6.02898	4.81969
0.55004	89.5435	100.227	19.3028	12.5656	30.0283	6.17969	6.07832	4.81219
0.55104	90.6386	100.227	19.3028	13.8582	29.0745	6.19469	6.17701	4.81969
0.55204	89.8173	98.9933	18.6176	13.5216	29.1071	6.18969	6.2757	4.82469
0.55304	90.091	99.8785	20.2166	15.7089	29.0745	6.21187	6.37439	4.83063
0.55404	89.9542	99.4044	18.9881	16.2533	29.4047	6.22344	6.67046	4.83719
0.55504	89.8173	99.4044	18.8739	17.2094	30.1058	6.22969	6.47308	4.83812
0.55604	89.9542	99.5414	19.9881	17.8923	30.7539	6.23937	6.52242	4.84344
0.55704	90.3648	99.9528	20.445	17.7557	31.2512	6.24563	6.47308	4.84594
0.55804	89.5435	99.8562	20.445	17.6191	31.3245	6.25219	6.2757	4.84844
0.55904	90.091	99.5414	20.445	18.302	31.618	6.25344	6.62111	4.84856
0.56004	89.8173	99.4044	21.1303	18.4366	31.8014	6.23594	7.06522	4.83031
0.56104	90.091	99.8785	21.7014	18.4366	31.455	6.22469	6.37439	4.81844
0.56204	89.8173	99.8785	22.6151	18.4366	31.2836	6.21344	6.57177	4.80613
0.563041	89.8173	99.5414	22.6151	18.1654	30.8762	6.26594	6.42374	4.85063
0.564041	90.091	99.4044	23.1862	18.7118	29.474	6.31219	6.57177	4.88281
0.565041	90.5017	99.1303	23.3004	18.302	29.0864	6.30719	6.2757	4.87625
0.566041	90.3648	99.1303	24.1	18.1654	29.8327	6.31875	6.37439	4.88344
0.567041	89.9542	99.8155	25.1279	17.6191	30.0365	6.32469	6.37439	4.88469
0.568041	90.091	100.364	24.3284	17.7557	30.1669	6.33469	6.67046	4.89219
0.569041	89.8173	99.8785	24.5568	15.9801	30.1262	6.33844	5.73291	4.89156
0.570041	89.8173	100.227	25.4706	17.6191	30.2974	6.35094	6.47308	4.90188
0.571041	90.091	99.4044	27.0696	18.4366	30.171	6.35612	6.62111	4.90469

0.672041	89.8173	99.4044	27.0696	18.4388	29.9387	6.38594	8.2757	4.90808
0.573041	90.091	99.8785	27.9834	20.0778	29.8658	6.37562	8.22638	4.91094
0.574041	90.091	99.8785	27.9892	19.5313	29.0297	6.37094	8.17701	4.90719
0.575041	90.2279	98.7192	28.5546	20.0778	28.8544	6.34844	8.37439	4.88844
0.576041	90.091	99.2673	28.8887	20.4873	28.5732	6.33408	8.57177	4.87582
0.577042	90.091	99.4044	29.0113	22.5361	29.5474	6.32408	8.62111	4.88719
0.578042	89.8173	99.8785	29.8109	22.8092	30.1914	6.38989	8.47308	4.92125
0.579042	89.9542	99.9528	30.1535	22.8092	30.3014	6.42062	8.47308	4.93969
0.580042	89.9542	99.8165	30.8388	22.3995	30.8925	6.41868	5.93029	4.93563
0.581042	89.9542	99.4044	31.981	25.2677	31.1856	6.42781	8.2757	4.94158
0.582042	89.9542	99.8785	32.0952	26.0672	30.9332	6.43489	8.86784	4.94562
0.583042	90.6388	99.4044	32.7805	27.7262	31.3879	6.44488	8.42374	4.94969
0.584042	89.9542	99.4044	34.1511	27.9993	31.2063	6.45219	8.76915	4.95887
0.585042	90.091	99.4044	34.808	28.5457	30.2729	6.45658	8.67046	4.95969
0.586042	90.091	99.8785	35.7502	29.9115	29.4485	6.46989	8.76915	4.96719
0.587042	89.9542	99.5414	36.4355	30.0481	28.7118	6.47281	8.86784	4.96781
0.588042	90.091	99.4044	36.3213	31.4139	29.5718	6.47989	8.86784	4.97406
0.589042	90.091	99.8785	37.5777	32.5066	30.0772	6.47989	8.96653	4.96969
0.590042	90.091	99.4044	38.263	31.4139	29.8734	6.45489	8.96653	4.94969
0.591043	89.9542	99.4044	38.7478	32.8431	30.3544	6.43281	8.96653	4.93344
0.592043	89.9542	99.8785	39.8338	32.8431	30.2484	6.41844	7.16391	4.91781
0.593043	90.091	99.9528	41.1184	34.1455	29.9831	6.48989	7.60801	4.97625
0.594043	89.9981	99.8785	42.8033	35.5114	30.1914	6.51031	7.21325	4.98719
0.595043	89.9542	99.9528	43.8312	35.9211	29.7022	6.50989	7.45997	4.98594
0.596043	90.091	99.8785	43.8312	37.0138	29.0338	6.51125	7.41083	4.9875
0.597043	89.8173	99.4044	44.8592	38.1064	28.7362	6.50989	7.41083	4.98594
0.598043	89.8173	99.2673	46.2582	39.7454	28.0881	6.51989	7.45997	4.99158
0.599043	89.9542	99.8785	47.172	40.8381	28.2919	6.52166	7.60801	4.98969
0.600043	89.9542	99.2673	47.8573	42.0673	29.8044	6.52437	7.65735	4.99344
0.601043	89.9542	99.5414	50.1418	43.16	29.5088	6.52844	7.65735	4.99344
0.602043	90.091	99.2673	50.7127	43.5897	30.2588	6.52719	7.80539	4.99531
0.603043	90.091	99.5414	51.9691	45.0721	30.782	6.53489	7.65735	4.99781
0.604043	90.2279	99.4044	53.4539	48.3014	30.6806	6.52989	8.39752	4.99594
0.605044	89.4067	99.4044	54.7103	48.4867	30.9047	6.50406	8.1508	4.97158
0.606044	89.8173	99.9528	56.8241	48.8964	30.5501	6.48125	7.85473	4.95084
0.607044	89.8173	99.5414	57.4516	50.5354	30.8436	6.48825	7.90408	4.93969
0.608044	90.2279	99.5414	58.3853	52.1744	29.4903	6.53281	8.1508	4.99469
0.609044	90.091	99.8155	59.8217	53.4036	28.4917	6.54844	8.34818	5.00219
0.610044	89.9542	99.8785	61.1065	54.2231	29.2946	6.53989	8.48821	4.99781
0.611044	90.091	99.4044	62.4772	56.2719	29.8778	6.54094	8.5949	4.99584
0.612044	90.091	99.4044	63.3909	57.2279	30.3544	6.54719	8.5949	4.99844
0.613044	90.091	99.5414	65.3328	58.0474	30.2974	6.54989	8.5949	5.00408
0.614044	90.091	99.8155	65.8753	59.4132	30.1017	6.54906	8.5949	4.99781
0.615044	89.9542	99.5414	67.0459	60.9158	30.2321	6.55187	9.13789	4.99908
0.616044	89.6804	98.9933	68.7591	62.1449	30.2892	6.54906	8.74294	4.99687
0.617044	89.9542	99.8155	70.244	63.3741	30.1547	6.55437	8.89087	4.99844
0.618044	90.6388	99.4044	71.8146	65.4229	29.5474	6.55158	8.84183	4.99844
0.619045	89.8173	99.5414	71.8146	65.9892	29.3965	6.54219	9.18704	4.99094
0.620045	90.3648	99.4044	73.8705	68.0179	29.0297	6.51408	9.039	4.96594
0.621045	89.8173	99.1303	74.47	68.7008	28.4142	6.49344	9.33507	4.95219
0.622045	90.091	99.4044	75.9549	71.7058	28.9482	6.47908	9.43378	4.93837
0.623045	90.091	99.8785	76.8888	70.813	29.9713	6.54312	9.23638	4.99094

0.624045	90.091	99.4044	78.9248	72.252	29.9957	6.55406	9.48311	4.98719
0.625045	89.8173	99.5414	78.8103	72.6617	30.5012	6.54719	9.43378	4.98094
0.626045	90.091	99.1303	80.1809	74.1641	30.9944	6.55281	9.92721	4.98312
0.627045	90.091	99.8785	81.0947	75.9031	30.8639	6.54869	9.82852	4.99125
0.628045	90.091	99.8785	81.8942	75.5299	30.8762	6.55344	9.87796	4.99156
0.629045	89.9542	99.4044	82.9221	76.6226	30.7539	6.54806	9.87786	4.98969
0.630045	89.9542	99.6785	83.6075	77.4421	30.0202	6.54594	10.0752	4.98781
0.631045	89.9861	99.8155	84.7498	79.0811	28.6914	6.54989	10.1248	4.98938
0.632046	90.091	99.5414	84.8639	79.3542	28.9871	6.54582	10.0752	4.98719
0.633046	90.091	99.6785	85.7778	80.1737	29.58	6.54582	10.2233	4.98594
0.634046	89.8173	99.6785	86.3487	80.7201	29.9957	6.53375	10.2233	4.97469
0.635046	90.091	99.6785	87.6051	81.5396	30.4522	6.50719	10.322	4.95469
0.636046	89.8804	99.6785	87.6051	82.4868	30.8234	6.48312	10.47	4.93281
0.637046	90.6388	99.4044	88.062	82.9054	30.6438	6.46844	10.8154	4.92344
0.638046	89.5435	99.4044	88.7473	83.7249	30.8028	6.53531	10.47	4.97856
0.639046	90.091	99.4044	89.7752	83.5883	30.705	6.54156	10.7167	4.97906
0.640046	89.9542	99.9526	89.4326	84.1348	30.5175	6.53781	10.8154	4.97531
0.641046	90.091	99.5414	89.4326	84.2712	30.1914	6.53094	10.7881	4.97219
0.642046	89.4067	99.5414	90.8032	85.9102	29.7756	6.52656	10.9834	4.96719
0.643046	90.091	99.8155	91.0316	86.5831	29.1968	6.52989	11.2102	4.96969
0.644046	90.3648	99.8933	91.26	87.276	29.2906	6.52812	11.2585	4.96531
0.645046	89.9542	99.5414	91.8311	88.6663	29.9305	6.52406	11.4076	4.96469
0.646047	89.8804	100.227	93.8586	87.6858	30.4808	6.52844	11.3089	4.96906
0.647047	90.3648	99.6785	92.8733	88.3887	30.9047	6.52688	11.3582	4.96281
0.648047	89.8861	99.5414	93.8586	88.3887	30.9414	6.52582	11.8023	4.96187
0.649047	89.9542	99.6785	94.5724	90.1442	31.0392	6.51489	11.4569	4.95489
0.650047	89.9542	99.6785	94.5724	89.7345	31.08	6.48875	11.7038	4.93156
0.651047	90.3648	99.4044	96.0572	90.9837	30.7294	6.48408	11.7038	4.91281
0.652047	90.091	99.9526	96.2856	91.6486	30.3826	6.45125	11.7038	4.90594
0.653047	89.9542	99.4044	97.0852	92.7383	29.849	6.51937	11.763	4.95906
0.654047	90.091	99.5414	97.8593	93.5588	29.6914	6.51469	11.8023	4.95344
0.655047	90.091	99.9526	98.57	94.788	28.724	6.51583	12.049	4.95531
0.656047	89.8173	99.4044	99.7122	94.3783	29.2131	6.5175	12.1971	4.95489
0.657047	89.8804	99.5414	102.225	96.0173	29.4658	6.51844	12.049	4.95869
0.658047	89.9542	99.5414	101.54	96.8388	28.8653	6.51594	12.1971	4.94969
0.659047	90.091	99.5414	103.139	98.2028	29.8794	6.51437	12.5918	4.95084
0.660048	89.8173	99.8155	104.281	99.2952	30.008	6.51583	12.8412	4.95156
0.661048	89.8173	99.4044	105.88	100.861	30.1343	6.51875	12.6905	4.95219
0.662048	90.2279	99.9526	107.479	101.344	29.9509	6.52344	12.8879	4.95563
0.663048	90.091	99.8155	107.898	102.573	29.6896	6.51406	12.8385	4.94969
0.664048	89.9542	99.5414	109.878	104.759	29.3762	6.50856	12.8879	4.94438
0.665048	89.8173	99.5414	111.134	106.124	28.9196	6.47781	12.9866	4.92156
0.666048	90.3648	100.09	112.847	108.675	28.6384	6.45781	12.9372	4.90594
0.667048	90.091	99.5414	114.903	109.949	29.3925	6.45281	13.2333	4.90094
0.668048	90.3648	100.227	115.588	110.832	29.9831	6.52312	13.2333	4.95719
0.669048	89.8173	99.6785	118.672	112.953	30.277	6.51813	13.2333	4.94969
0.670048	90.091	99.6785	120.386	115.412	30.5378	6.51937	13.5787	4.95082
0.671048	89.8173	99.8155	122.099	117.188	30.7213	6.52219	13.5294	4.95219
0.672048	89.8173	99.4044	124.726	119.373	30.6397	6.52281	13.9735	4.95469
0.673048	89.9542	99.4044	127.124	120.802	30.599	6.52312	13.5787	4.95406
0.674049	89.8173	99.6785	129.295	124.7	30.387	6.52094	13.7761	4.95469
0.675049	89.2688	99.4044	131.351	126.339	29.6245	6.52344	13.8748	4.95469

0.678049	89.8173	99.5414	133.749	128.524	29.3395	6.52719	14.1709	4.95906
0.677049	89.5435	99.5414	135.919	132.621	28.6343	6.52531	14.1709	4.95856
0.678049	89.5435	99.4044	137.518	133.441	28.0881	6.52594	14.2695	4.74281
0.678049	90.3648	99.1303	140.259	135.353	28.4835	6.51406	14.3189	1.66781
0.680049	89.5435	99.6785	125.297	136.855	28.6139	6.48844	14.2695	0.02375
0.681049	89.4067	99.5414	135.12	131.802	29.4984	6.47094	14.4669	0.127187
0.682049	89.9542	99.2673	141.516	129.89	29.2417	6.46562	14.8123	-0.009089
0.683049	89.9542	99.4044	147.912	132.348	29.1724	6.53969	14.7136	0.00375
0.684049	80.2279	99.9526	151.796	136.358	29.9387	6.53406	14.7136	-0.007813
0.685049	80.091	99.4044	154.308	148.055	29.205	6.53781	14.7136	-0.005938
0.686049	89.8173	99.2673	157.278	154.474	29.1234	6.53844	14.7136	-0.007188
0.687049	89.8173	99.9526	161.39	156.801	29.0093	6.53856	14.8617	-0.008563
0.68805	80.091	99.8155	166.415	163.782	28.2471	6.54158	14.8617	-0.007813
0.68905	80.091	99.1303	172.812	164.308	28.724	6.5425	14.911	-0.008125
0.69005	90.3648	99.4044	177.38	167.04	29.2987	6.54875	15.3551	-0.009688
0.69105	90.3648	99.6785	182.52	172.503	30.2892	6.54406	15.1577	-0.010313
0.69205	89.8173	99.4044	184.919	178.786	30.4808	6.54562	15.1577	-0.010313
0.69305	89.9542	99.5414	188.117	183.02	29.8979	6.54989	15.4538	-0.010313
0.69405	90.091	99.1303	190.515	186.025	31.1778	6.53844	15.4538	-0.009688
0.69505	90.091	99.4044	193.942	188.893	30.4359	6.51219	15.4045	-0.009688
0.69605	90.091	99.6785	197.254	191.898	30.387	6.48594	15.8979	-0.010313
0.69705	90.3648	99.4044	200.224	193.674	31.1289	6.49219	15.5525	-0.009688
0.69805	90.091	99.6785	203.184	196.951	29.584	6.56594	15.5525	-0.010313
0.69905	90.2279	99.9526	205.249	199.82	29.7267	6.56719	15.5032	-0.01125
0.70005	89.8173	99.4044	208.219	202.961	29.1234	6.56989	15.5525	-0.011563
0.70105	89.8173	99.6785	211.303	206.283	27.6764	6.55312	15.7499	-0.008563
0.702051	80.091	99.9526	211.874	207.195	28.9849	6.55531	16.1446	-0.010313
0.703051	89.9542	99.6785	214.844	209.38	29.1887	6.58469	15.9966	-0.010938
0.704051	89.9542	99.8155	216.671	210.473	28.9808	6.58969	16.2927	-0.008125
0.705051	89.8173	99.2673	219.641	213.341	30.0448	6.56594	16.1446	-0.008125
0.706051	90.091	99.4044	221.925	216.073	29.5188	6.57094	16.1446	-0.008125
0.707051	89.8173	99.5414	223.753	218.122	29.1764	6.56887	16.0953	-0.010313
0.708051	89.8173	99.8155	226.151	220.853	29.5922	6.57344	16.1446	-0.010313
0.709051	90.091	99.8155	228.093	222.768	28.9523	6.55781	16.2927	-0.010313
0.710051	89.5435	99.2673	230.035	225.907	28.9033	6.52469	16.2433	-0.010313
0.711051	90.091	99.4044	232.89	227	28.0188	6.50406	16.6874	-0.009688
0.712051	89.9542	99.5414	235.88	228.775	29.0134	6.52219	16.6874	-0.008438
0.713051	89.8173	99.2673	238.258	231.507	29.633	6.59281	16.2927	-0.011563
0.714051	90.091	99.9526	240.068	233.965	29.7675	6.57344	16.7368	-0.010625
0.715051	90.091	99.6785	243.056	236.833	30.7294	6.57813	16.5887	-0.010625
0.716052	90.091	99.5414	246.254	240.521	31.0963	6.57719	16.7368	-0.011563
0.717052	89.8173	99.5414	249.794	242.433	30.6153	6.58344	16.9342	-0.009688
0.718052	89.9542	99.5414	251.622	248.258	31.7199	6.58469	17.0328	-0.010625
0.719052	90.091	99.8155	254.82	249.536	31.2104	6.58312	17.0822	-0.009083
0.720052	90.091	99.6785	257.561	251.175	30.8071	6.58312	17.2302	-0.009688
0.721052	89.5435	99.9526	260.188	253.906	30.9006	6.58687	17.4769	-0.009375
0.722052	90.091	99.5414	263.044	258.638	29.3028	6.59156	17.2796	-0.009688
0.723052	89.5435	99.5414	266.927	260.735	28.8789	6.58719	17.2302	-0.008125
0.724052	90.091	99.6785	268.983	262.921	28.7892	6.58344	17.2302	-0.013438
0.725052	90.091	99.6785	271.838	268.062	29.4984	6.53719	17.4769	-0.011563
0.726052	89.9542	99.5414	275.608	269.477	29.6126	6.52344	18.1184	-0.009688
0.727052	89.8804	99.5414	279.034	273.574	29.3273	6.54656	17.8717	-0.011563

0.728052	90.091	99.5414	281.861	275.213	30.387	6.60531	18.2171	-0.010938
0.729052	89.9542	99.8155	284.402	278.218	29.6044	6.58531	18.1678	-0.010313
0.730053	89.8173	99.8785	287.715	282.179	29.3558	6.58082	18.1184	-0.010313
0.731053	90.091	99.8155	290.113	284.227	29.5637	6.58594	18.1184	-0.010625
0.732053	90.091	99.4044	294.111	288.686	28.4631	6.58825	18.4145	-0.010313
0.733053	89.8173	99.8155	296.395	288.735	28.6099	6.58858	18.5132	-0.010313
0.734053	89.9542	99.8155	298.451	293.105	28.2023	6.58531	18.4145	-0.009063
0.735053	90.3648	99.4044	302.106	295.974	28.4305	6.58812	18.4638	-0.010313
0.736053	89.8804	100.227	303.248	297.086	29.1724	6.58408	18.5132	-0.008688
0.737053	89.9542	100.364	306.218	300.071	29.5382	6.58406	18.6612	-0.010313
0.738053	90.091	99.9526	308.048	302.12	30.118	6.57719	19.0088	-0.010625
0.739053	89.8173	99.5414	310.558	304.715	30.1914	6.55468	18.9079	-0.009375
0.740053	89.5435	99.5414	312.843	308.539	30.7457	6.53468	18.7108	-0.010938
0.741053	90.091	99.8155	315.127	310.042	30.815	6.51094	19.1547	-0.012188
0.742053	90.3648	99.8562	317.888	312.5	30.3055	6.52856	19.1547	-0.012188
0.743053	89.2698	99.5414	321.409	315.095	30.5884	6.58887	19.204	-0.010625
0.744054	89.8173	99.8155	323.351	317.827	29.3354	6.57281	19.3027	-0.010313
0.745054	89.8173	99.8155	326.32	320.558	28.2797	6.57989	19.3027	-0.008438
0.746054	89.8173	99.4044	328.49	322.744	28.561	6.57281	19.2534	-0.012188
0.747054	88.9861	99.8785	332.145	328.295	29.0745	6.57281	19.7961	-0.010313
0.748054	89.8173	99.8785	335.686	328.753	28.8523	6.57158	20.2403	-0.010938
0.749054	89.9542	99.4044	339.227	332.031	29.7675	6.57531	19.9935	-0.0125
0.750054	89.8173	100.227	341.397	335.309	29.6289	6.57908	20.0922	-0.013438
0.751054	89.9542	99.5414	344.595	338.587	29.3191	6.57719	20.2403	-0.010625
0.752054	90.091	99.5414	347.108	341.319	29.4495	6.57158	20.487	-0.010313
0.753054	90.091	99.5414	350.783	344.324	29.3028	6.57031	20.487	-0.010313
0.754054	90.2279	99.1303	353.182	348.848	29.2783	6.54889	20.5857	-0.011875
0.755054	90.091	99.5414	355.446	349.514	28.4305	6.52888	20.487	-0.010313
0.756054	90.091	99.5414	358.416	352.792	28.2471	6.50312	20.783	-0.010313
0.757055	89.9542	99.5414	361.271	354.431	27.7947	6.51887	20.5857	-0.011563
0.758055	90.091	99.8785	363.213	356.753	27.1017	6.58125	20.8324	-0.010938
0.759055	90.091	99.8785	365.383	360.187	28.4468	6.56844	21.0791	-0.011563
0.760055	89.2698	99.5414	367.781	361.533	29.3599	6.57658	21.1778	-0.011875
0.761055	90.2279	99.9526	369.288	364.265	29.315	6.58888	21.3752	-0.010313
0.762055	90.2279	99.8785	371.779	366.86	29.8142	6.58531	21.2271	-0.010938
0.763055	90.091	99.9526	373.807	368.908	30.3055	6.58875	21.4245	-0.010625
0.764055	90.091	99.8155	375.891	370.547	29.955	6.58888	21.4245	-0.010938
0.765055	90.091	99.2673	377.718	370.884	30.2077	6.57094	21.5232	-0.010313
0.766055	89.9542	99.5414	378.861	373.552	30.0609	6.56844	21.3752	-0.010625
0.767055	89.9542	99.4044	380.48	374.918	29.5474	6.56594	21.7206	-0.010313
0.768055	89.4067	99.5414	381.031	375.601	28.4876	6.56582	21.2765	-0.012813
0.769055	90.091	99.5414	383.201	377.513	28.2349	6.56437	21.7899	-0.012813
0.770055	90.091	99.4044	384.686	379.425	29.0705	6.52469	22.088	-0.009375
0.771056	89.8173	99.5414	385.628	381.201	29.4047	6.49719	21.8686	-0.010938
0.772056	89.8173	99.8785	387.77	382.293	29.5229	6.52187	22.066	-0.010313
0.773056	89.8804	99.5414	389.483	383.386	29.798	6.57989	21.9673	-0.011563
0.774056	89.9542	99.8785	390.739	386.254	30.1588	6.58889	22.066	-0.010313
0.775056	89.9542	99.9526	392.224	388.303	29.7512	6.58838	22.214	-0.011563
0.776056	90.3648	99.4044	394.823	388.848	29.3825	6.56344	22.2634	-0.010313
0.777056	89.8173	99.4044	396.336	388.942	29.6207	6.56656	22.4114	-0.010313
0.778056	90.091	99.4044	397.592	391.718	29.0786	6.56989	22.5101	-0.009688
0.779056	89.9542	99.5414	399.42	393.083	28.5773	6.57158	22.1154	-0.0125

0.780058	89.9542	99.9528	400.333	385.679	28.6547	6.57281	22.5101	-0.011563
0.781058	89.9542	99.5414	402.818	397.591	28.0983	6.56812	22.9542	-0.011563
0.782058	89.8173	99.5414	404.874	399.23	28.834	6.57156	22.6068	-0.012168
0.783058	89.3848	99.8785	406.273	400.889	29.7593	6.57437	23.0529	-0.011563
0.784058	89.8173	99.5414	408.844	401.888	29.7838	6.55781	23.1518	-0.010313
0.785057	89.9542	99.8785	408.1	403.873	30.3137	6.52344	22.9542	-0.010313
0.786057	89.8173	99.8785	409.928	408.195	30.5745	6.50187	22.9542	-0.010313
0.787057	90.091	99.8155	411.755	408.878	30.2688	6.53437	23.2503	-0.010938
0.788057	89.8173	99.8785	413.354	407.971	30.3829	6.59082	23.2009	-0.011563
0.789057	89.9542	99.8785	413.811	409.81	30.2321	6.57406	23.2503	-0.010938
0.790057	90.091	99.8785	414.725	409.81	29.2131	6.57062	22.9542	-0.012813
0.791057	90.091	99.8785	416.895	411.795	27.9373	6.57062	23.5463	-0.012813
0.792057	89.9542	99.9528	418.151	413.981	28.7281	6.57126	24.1878	-0.011563
0.793057	90.2279	98.8582	420.083	415.893	29.1805	6.58156	23.5957	-0.010938
0.794057	89.5435	99.9528	421.578	416.712	29.5382	6.57719	23.7931	-0.009688
0.795057	88.9961	99.8155	423.291	417.805	29.9305	6.57281	23.645	-0.010313
0.796057	90.091	99.5414	424.548	419.444	30.1089	6.57469	23.5463	-0.011563
0.797057	88.8804	99.8155	427.289	420.948	30.1425	6.57844	24.0386	-0.010313
0.798057	89.8173	99.8155	428.86	423.268	30.224	6.57908	24.1385	-0.012188
0.799058	89.8173	99.4044	430.715	428	30.008	6.55375	24.3359	-0.011563
0.800058	89.9542	99.8155	433.228	427.092	29.8327	6.52888	24.2372	-0.010313
0.801058	89.8173	99.8155	433.914	428.185	29.5718	6.50344	23.8424	-0.01375
0.802058	89.5435	99.8785	437.112	431.738	28.1316	6.54344	24.5828	-0.010313
0.803058	89.8173	99.8785	440.767	435.287	28.5446	6.58625	24.928	-0.010938
0.804058	90.091	99.8785	442.823	438.565	28.8098	6.57594	24.8319	-0.010313
0.805058	90.091	99.1303	445.792	440.204	28.4699	6.58344	25.0267	-0.011563
0.806058	90.5017	99.4044	448.533	443.208	29.7758	6.58219	24.9773	-0.012188
0.807058	90.091	99.9528	450.932	445.668	30.1914	6.58908	24.8293	-0.01125
0.808058	90.091	99.8155	454.701	449.219	30.4849	6.58719	24.928	-0.010313
0.809058	89.8173	99.5414	458.128	452.224	30.493	6.58375	25.3721	-0.011563
0.810058	89.8173	99.8155	460.889	455.365	30.3177	6.58469	24.8293	-0.01125
0.811058	90.091	99.8785	464.752	459.053	30.1832	6.59156	25.3228	-0.01125
0.812058	89.8173	99.8785	468.293	460.145	29.8449	6.58989	25.0267	-0.011563
0.813059	90.091	99.8155	470.692	464.243	29.3354	6.58781	25.4214	-0.01125
0.814059	90.091	99.8155	474.481	467.521	28.4183	6.56219	25.9149	-0.010938
0.815059	89.8173	99.8785	477.887	471.891	27.9903	6.53781	25.4214	-0.010313
0.816059	90.091	99.8785	480.971	475.443	28.4488	6.52094	25.6188	-0.011563
0.817059	89.8173	98.9933	485.083	478.038	29.0175	6.54344	25.3228	-0.01125
0.818059	89.6804	100.227	488.738	482.272	28.1581	6.60312	25.7669	-0.010625
0.819059	89.5435	99.8785	492.822	484.457	29.3028	6.58344	25.6188	-0.010313
0.820059	90.6388	99.4044	495.934	487.871	29.5229	6.59156	25.6188	-0.010313
0.821059	89.9542	99.4044	499.246	491.832	29.4658	6.59188	25.9642	-0.010313
0.822059	89.9542	99.9528	501.531	494.291	29.3273	6.59219	26.359	-0.010938
0.823059	89.8173	99.4044	505.871	497.298	29.1724	6.58687	26.211	-0.010313
0.824059	89.8173	99.8155	508.289	500.983	28.9359	6.59094	26.2803	-0.011563
0.825059	89.9542	99.4044	512.838	504.671	28.5039	6.59858	26.8057	-0.010938
0.826059	89.8173	99.8785	515.237	507.403	28.0088	6.59594	26.2803	-0.010625
0.82706	89.5435	99.9528	518.892	511.227	28.508	6.59582	26.4083	-0.012188
0.82806	89.8173	100.09	523.003	515.325	28.0623	6.59156	26.5564	-0.01125
0.82906	88.9961	99.8785	526.202	518.329	28.4658	6.57937	26.4083	-0.010625
0.83006	89.9542	99.8785	530.313	521.744	28.8164	6.54562	26.8057	-0.010938
0.83106	90.091	99.9528	533.397	525.978	29.9753	6.52281	26.9018	-0.010938

0.83208	89.9542	99.4044	537.509	528.71	29.9509	6.53125	26.7044	-0.010313
0.83308	89.8173	99.8526	540.385	531.988	29.9306	6.59325	26.8031	-0.010938
0.83408	90.5017	99.8785	544.478	534.992	29.7678	6.59094	26.9018	-0.009375
0.83508	89.9542	99.8785	546.875	536.904	29.368	6.59158	26.9511	-0.011563
0.83608	89.8173	99.8526	550.073	541.275	28.993	6.58912	27.4939	-0.009688
0.83708	89.8173	99.4044	552.015	543.46	28.5589	6.58408	27.1979	-0.009688
0.83808	89.9542	99.8785	554.87	546.192	27.483	6.58344	27.0992	-0.010625
0.83908	89.4067	99.8785	558.068	549.88	27.2362	6.58656	27.2472	-0.01125
0.84008	90.091	99.8526	560.695	552.748	28.2512	6.58906	26.8031	-0.010313
0.84108	89.5435	99.4044	562.751	554.933	27.7661	6.58469	27.1979	-0.011563
0.84208	89.8173	99.8785	565.949	557.119	28.3327	6.58219	27.2965	-0.010313
0.84308	89.4067	99.8785	568.005	560.397	28.9849	6.58344	27.7408	-0.010313
0.84408	90.5017	99.8526	569.147	560.943	28.2104	6.57844	27.3459	-0.010625
0.84508	90.091	99.1303	571.86	563.675	28.618	6.54531	27.4446	-0.008438
0.84608	90.091	99.8785	573.145	565.86	28.6017	6.52156	27.4939	-0.010938
0.84708	90.2279	99.4044	575.315	567.226	28.2188	6.51344	27.8393	-0.010313
0.84808	89.8173	99.8785	578.285	569.274	27.7294	6.58969	27.4939	-0.0125
0.84908	89.5435	99.8155	579.199	571.323	27.4971	6.58408	27.642	-0.0125
0.85008	89.6804	99.8785	580.798	572.689	28.2023	6.58094	27.5926	-0.011875
0.85108	89.8173	99.9526	581.94	574.874	28.0718	6.57469	27.938	-0.012813
0.85208	90.091	99.4044	583.787	576.513	28.9237	6.57656	27.9874	-0.009083
0.85308	90.091	99.8155	585.823	577.879	29.8616	6.58156	27.8887	-0.010938
0.85408	89.9542	99.4044	587.194	580.811	29.0338	6.58594	27.7406	-0.010625
0.85508	89.8173	99.8785	589.478	581.167	29.7838	6.58469	27.9874	-0.009688
0.85608	90.5017	99.8582	591.648	583.342	29.9142	6.57719	28.1847	-0.007188
0.85708	90.091	99.2673	591.077	584.991	29.4292	6.57719	28.2834	-0.011875
0.85808	89.4067	99.8785	593.59	586.484	29.837	6.57781	28.5302	-0.010313
0.85908	89.5435	99.6414	596.189	587.44	29.2131	6.57156	28.3821	-0.010938
0.86008	89.6804	99.8526	598.331	589.625	28.4631	6.53969	28.3821	-0.010313
0.86108	90.091	99.8785	597.816	590.854	28.6854	6.51719	28.4908	-0.010938
0.86208	89.8173	100.364	598.844	592.63	27.3748	6.50531	28.3821	-0.009083
0.86308	89.8173	99.8155	600.215	593.179	27.1262	6.57969	28.7769	-0.010313
0.86408	89.8173	100.09	601.128	594.269	28.3531	6.57969	28.4908	-0.013125
0.86508	89.8173	99.8155	603.299	596.503	28.1898	6.57813	28.7275	-0.010938
0.86608	90.091	99.2673	605.24	597.82	29.4468	6.57531	28.6289	-0.010313
0.86708	80.3648	99.8155	606.154	599.596	28.4468	6.57531	28.8756	-0.01125
0.86808	89.9542	99.9526	607.298	600.825	28.4142	6.58469	28.7769	-0.013438
0.86908	89.2688	99.8785	609.124	602.874	28.7568	6.58219	28.2703	-0.010313
0.87008	89.8173	99.4044	610.609	603.01	27.8354	6.57908	28.8282	-0.010313
0.87108	89.6804	99.4044	612.55	605.605	27.9251	6.58344	28.9249	-0.010313
0.87208	89.8173	99.8785	613.692	607.791	27.9903	6.58687	28.1718	-0.010313
0.87308	89.6804	99.8785	615.177	609.02	26.9305	6.58594	29.221	-0.010313
0.87408	89.9542	99.8785	615.977	609.976	28.3286	6.57781	29.2703	-0.010313
0.87508	90.091	99.8785	617.576	611.205	28.5773	6.54219	29.3197	-0.0125
0.87608	89.5435	100.09	619.175	613.684	28.5446	6.52156	29.389	-0.011875
0.87708	89.9542	99.9526	620.66	615.303	29.9957	6.50656	29.5864	-0.011875
0.87808	90.091	99.8785	623.401	616.942	29.637	6.58594	29.5864	-0.007188
0.87908	89.4067	99.8155	624.086	617.625	29.7349	6.58719	29.5864	-0.011875
0.88008	89.8173	99.4044	625.114	620.493	30.2158	6.57687	29.9118	-0.011563
0.88108	88.9981	99.8785	626.028	621.585	29.8853	6.58312	30.3066	-0.010313
0.88208	89.8173	99.8785	626.713	623.088	29.9142	6.58375	30.3559	-0.009688
0.88308	89.8173	99.8785	627.627	624.863	29.2783	6.58469	30.1585	-0.010313

0.884064	89.9542	99.8155	828.541	625.956	28.0297	6.58156	30.5039	-0.008688
0.885064	89.8173	99.8785	828.998	628.006	27.599	6.58219	30.6028	-0.010313
0.886064	89.8173	99.8785	828.427	631.419	27.1914	6.58437	30.3559	-0.010313
0.887064	90.091	99.9526	828.541	634.697	28.3653	6.58719	30.6028	-0.010938
0.888064	90.091	99.9526	828.769	635.517	28.4305	6.58344	30.7013	-0.010313
0.889064	90.091	100.364	627.97	637.429	28.4101	6.57969	30.8494	-0.008375
0.890064	90.3648	99.4044	827.627	639.478	28.9849	6.56531	31.0467	-0.010313
0.891064	89.8173	99.8785	828.198	642.209	28.4876	6.54187	31.5402	-0.010938
0.892064	90.091	99.8155	827.058	643.985	28.3245	6.51969	31.1454	-0.010313
0.893064	89.8173	99.9526	828.028	645.624	28.1696	6.53969	31.2935	-0.010938
0.894064	90.091	99.8785	828.485	646.717	28.0066	6.59687	31.3428	-0.01125
0.895064	89.4067	99.8155	826.599	648.765	27.8479	6.58156	31.2935	-0.010938
0.896065	89.8173	99.8785	828.713	652.043	27.2729	6.58969	31.5402	-0.011563
0.897065	89.9542	99.8155	828.713	653.273	27.1547	6.58469	31.4416	-0.010938
0.898065	90.091	99.5414	628.942	655.458	27.1099	6.58531	31.7376	-0.010313
0.899065	89.9542	99.8155	626.942	655.731	28.1044	6.58406	31.9349	-0.010938
0.900065	89.8173	99.8785	627.855	658.189	28.8425	6.58594	31.9349	-0.008438
0.901065	90.5017	99.4044	628.942	660.375	28.6343	6.59094	31.9349	-0.012188
0.902065	90.5017	99.1303	628.713	662.424	29.4088	6.58906	31.8856	-0.010938
0.903065	89.4067	100.227	627.513	664.063	29.1801	6.58562	32.8725	-0.008375
0.904065	90.091	99.8155	627.97	665.838	29.4169	6.58562	32.231	-0.010313
0.905065	89.9542	99.8155	626.942	667.477	28.9523	6.58469	32.4284	-0.012813
0.906065	89.8173	100.501	627.399	669.526	29.5025	6.55469	32.3297	-0.008438
0.907065	90.091	99.4044	627.855	671.575	28.7892	6.52906	32.8232	-0.010313
0.908065	90.2279	99.8155	628.427	673.76	27.1751	6.51406	32.9218	-0.010938
0.909065	90.091	100.227	628.541	677.174	27.2811	6.58656	32.9218	-0.0125
0.910066	90.091	99.8785	628.998	677.038	27.4523	6.59094	33.0205	-0.011563
0.911066	89.8173	99.5414	628.541	678.404	27.9658	6.58938	33.1192	-0.008375
0.912066	90.091	99.9526	627.627	680.589	28.08	6.57969	33.4153	-0.011875
0.913066	90.091	99.9526	628.541	683.321	28.4305	6.58219	33.9087	-0.008375
0.914066	89.2698	99.6785	628.541	684.98	28.7321	6.58812	33.4153	-0.011563
0.915066	90.5017	99.5414	628.541	687.145	27.7743	6.59094	33.81	-0.010625
0.916066	88.9981	99.9526	629.226	689.057	27.9495	6.58906	33.8594	-0.010938
0.917066	89.5435	99.9526	629.454	691.518	28.1044	6.58312	34.0588	-0.011563
0.918066	89.8173	99.6785	629.226	693.154	27.4645	6.58437	34.2048	-0.011563
0.919066	90.091	99.8155	628.454	695.203	27.4686	6.58844	34.3528	-0.011563
0.920066	89.8173	99.6785	628.112	698.345	26.8411	6.58281	34.6982	-0.010625
0.921066	89.6804	99.9526	628.312	699.71	26.1683	6.58719	34.6982	-0.010313
0.922066	89.6804	99.9526	627.855	702.305	26.1642	6.53719	35.1917	-0.006875
0.923066	89.4067	99.6785	628.713	703.535	27.5864	6.51656	35.1423	-0.011563
0.924067	89.9542	99.9526	625.571	705.72	27.9251	6.53531	35.2904	-0.011563
0.925067	89.9542	99.5414	624.886	708.452	28.0351	6.60469	35.4878	-0.013438
0.926067	90.091	99.6785	623.744	710.091	28.6485	6.58469	35.4878	-0.010625
0.927067	90.091	98.8562	623.058	712.822	28.7077	6.58844	35.7838	-0.010313
0.928067	89.9542	99.9526	621.688	715.008	28.512	6.58844	35.7838	-0.009375
0.929067	90.091	99.6785	621.231	716.647	28.9645	6.59469	35.8825	-0.010938
0.930067	89.8173	99.8155	620.317	718.832	28.3653	6.59188	36.0799	-0.010313
0.931067	89.8173	99.8155	619.061	720.744	28.2756	6.58687	36.1786	-0.009688
0.932067	90.091	99.6785	618.033	722.656	27.1669	6.58844	36.2773	-0.011875
0.933067	89.9542	99.6785	616.648	724.295	26.5107	6.59062	36.2773	-0.010313
0.934067	89.9542	100.09	614.608	725.934	27.3544	6.59375	36.4253	-0.011563
0.935067	89.9542	99.6785	613.682	727.573	28.133	6.59094	36.9694	-0.010625

0.938067	89.9542	99.8785	611.836	728.485	28.0311	6.58469	36.4747	-0.010313
0.937067	90.091	99.8155	610.152	730.578	28.0555	6.58406	36.9681	-0.012188
0.938068	88.9961	99.8155	609.124	732.08	28.3531	6.54658	36.8894	-0.010938
0.939068	90.2279	99.8155	609.124	734.129	28.0351	6.52219	36.6227	-0.008688
0.940068	89.8804	99.8785	608.324	735.495	28.4264	6.55344	36.8201	-0.010313
0.941068	90.091	99.8785	608.096	737.134	28.0963	6.58662	36.9681	-0.012188
0.942068	89.9542	99.9526	607.525	739.046	27.7376	6.58406	36.9188	-0.011563
0.943068	89.5435	100.384	606.811	739.729	27.5338	6.59375	37.2642	-0.011563
0.944068	90.091	99.5414	606.811	740.958	26.7023	6.59219	37.0668	-0.010313
0.945068	89.8173	99.8155	607.068	741.914	26.9224	6.58719	36.9681	-0.011875
0.946068	90.3648	99.8582	606.811	743.983	26.6327	6.58781	37.7083	-0.010938
0.947068	89.8804	99.9526	607.088	745.466	27.0779	6.59281	37.8563	-0.011563
0.948068	89.9542	99.8155	606.382	746.146	28.0555	6.59406	37.8096	-0.01125
0.949068	89.9542	99.8785	606.811	747.787	28.0637	6.59469	37.5802	-0.01125
0.950068	89.8804	99.8155	606.382	749.428	28.3449	6.58781	37.8096	-0.010625
0.951068	89.9542	99.9526	605.126	749.428	28.8381	6.68219	37.7576	-0.009375
0.952068	89.9542	99.9526	605.126	751.475	28.4387	6.59188	37.8589	-0.010938
0.953068	90.5017	99.4044	604.555	751.812	28.7485	6.68469	37.7576	-0.010313
0.954068	89.9542	99.8785	604.441	752.977	28.8055	6.63312	37.7576	-0.010313
0.955068	90.091	99.8785	603.87	753.86	27.7681	6.51531	37.807	-0.007813
0.956068	90.3648	99.4044	603.87	754.07	28.8898	6.58531	37.7576	-0.010313
0.957068	90.091	99.8785	603.413	754.343	28.5963	6.59989	38.2511	-0.013125
0.958068	90.3648	99.8785	603.413	754.89	27.012	6.59406	38.103	-0.011563
0.959068	90.091	99.2673	602.958	758.255	27.6764	6.58844	37.8563	-0.010625
0.960068	90.091	99.8155	603.413	757.075	27.7743	6.58719	38.2511	-0.010625
0.961068	89.9542	100.227	603.641	758.168	28.2186	6.58719	38.2511	-0.010625
0.962068	89.9542	99.8785	604.212	758.441	28.5448	6.59406	38.3498	-0.011563
0.963068	90.091	99.9526	603.87	759.807	27.9985	6.68219	38.3498	-0.010938
0.964068	89.9542	99.9526	604.689	762.129	28.1616	6.58656	38.7445	-0.010313
0.965068	90.9124	99.8155	605.583	762.295	28.561	6.58856	38.6458	-0.010625
0.96607	90.091	99.6414	606.497	762.538	27.8476	6.58906	38.7445	-0.011875
0.96707	89.8173	99.8155	606.811	763.904	27.7009	6.59219	38.3498	-0.011875
0.96807	90.091	99.9526	607.296	765.86	27.5627	6.58656	38.6432	-0.011563
0.96907	89.8173	99.9526	609.352	767.592	26.7512	6.55719	38.4353	-0.010938
0.97007	90.091	99.9526	609.238	768.548	26.696	6.53094	39.0406	-0.01125
0.97107	89.9542	99.8155	611.636	769.914	27.3504	6.51844	39.238	-0.008688
0.97207	90.3648	99.8785	612.693	772.646	27.5766	6.57969	39.0406	-0.010313
0.97307	90.6388	99.8155	615.063	774.011	28.0718	6.59312	39.3368	-0.010313
0.97407	89.2898	100.09	615.977	775.65	28.3571	6.58594	39.0406	-0.011875
0.97507	89.9542	99.8785	617.918	777.426	28.2023	6.58844	39.1886	-0.011563
0.97607	90.2279	100.227	619.403	779.474	28.3979	6.59312	39.4353	-0.012188
0.97707	89.8804	99.8155	621.916	780.587	28.3245	6.58812	39.534	-0.008125
0.97807	90.091	99.9526	623.515	782.616	28.0025	6.58469	39.4353	-0.012188
0.97907	89.9542	99.9526	625.571	784.391	27.7906	6.58594	39.534	-0.011563
0.980071	90.091	99.9526	628.312	786.577	27.3096	6.59094	40.1262	-0.0125
0.981071	88.9961	99.9526	630.368	788.762	26.474	6.59406	39.8301	-0.010313
0.982071	90.3648	99.8785	632.881	790.947	26.0419	6.59312	40.1755	-0.012813
0.983071	90.5017	99.4044	634.937	793.406	26.3069	6.58656	40.0276	-0.010938
0.984071	90.091	100.227	637.107	796.411	26.7186	6.58094	40.0276	-0.011563
0.985071	89.2898	99.9526	639.049	798.869	27.008	6.55969	40.2742	-0.010938
0.986071	89.9542	99.9526	641.79	802.967	27.1466	6.53969	40.3729	-0.010625
0.987071	89.9542	99.9526	643.846	803.649	27.1099	6.51469	40.4222	-0.01125

0.988071	90.091	99.9526	646.587	606.245	27.4197	6.56261	40.4222	-0.010938
0.989071	89.8173	99.9526	647.729	607.883	27.1995	6.59406	40.0768	-0.014063
0.990071	90.091	99.8155	650.699	611.991	27.0691	6.59908	40.817	-0.013126
0.991071	90.091	99.9526	654.582	615.122	27.0447	6.59084	41.2117	-0.010313
0.992071	89.8173	99.8155	656.753	619.22	26.7879	6.58594	40.889	-0.01125
0.993072	90.6388	99.9526	659.951	620.995	26.3966	6.58812	40.6198	-0.011563
0.994072	90.091	99.2673	662.349	623.727	25.8626	6.59219	40.965	-0.011875
0.995072	89.8173	99.8626	665.547	627.278	26.2806	6.59562	41.1824	-0.011563
0.996072	90.091	99.5414	668.174	629.054	26.7797	6.58906	41.0637	-0.010313
0.997072	89.8173	99.5414	670.459	632.332	27.1058	6.58469	41.0144	-0.011875
0.998072	89.9542	99.6785	673.543	635.61	27.3993	6.58956	41.3104	-0.011875
0.999072	89.9542	99.6785	676.398	637.249	27.6112	6.59158	41.4091	-0.010313
1.00007	90.6388	99.8155	677.883	638.205	27.7131	6.59094	40.985	-0.015313
1.00107	90.091	99.6785	680.852	641.21	27.6479	6.57344	41.8559	-0.010313
1.00207	90.091	99.4044	683.137	643.122	27.5864	6.54219	42.0506	-0.009063
1.00307	89.6804	100.501	685.421	645.17	27.5949	6.51937	42.0013	-0.010313
1.00407	89.2698	99.6785	687.82	647.766	27.061	6.52969	41.8038	-0.010313
1.00507	89.9542	99.9526	689.781	649.951	26.686	6.60437	42.0013	-0.010313
1.00607	89.9542	99.5414	691.132	651.863	26.3599	6.58594	42.1988	-0.010313
1.00707	90.091	99.9526	693.416	654.321	25.5732	6.58656	42.4454	-0.01125
1.00807	90.091	99.5414	695.587	656.097	25.1045	6.58531	42.7414	-0.010313
1.00907	90.091	99.6785	696.815	657.599	25.5487	6.58906	42.7908	-0.009375
1.01007	89.1328	99.8155	698.442	659.786	25.9971	6.58969	42.7908	-0.010313
1.01107	89.9542	99.9526	699.813	660.877	26.0258	6.58594	42.1988	-0.011563
1.01207	89.8173	99.9526	701.089	663.882	26.1968	6.58969	43.0375	-0.012813
1.01307	90.091	99.9526	703.239	666.204	26.8452	6.58344	43.531	-0.010938
1.01407	90.2279	99.6785	704.153	667.433	26.1479	6.58531	43.3829	-0.010313
1.01507	89.9542	99.9526	704.838	669.619	26.2009	6.59219	43.5803	-0.012813
1.01607	89.9542	99.9526	707.123	672.077	26.6289	6.58969	43.5803	-0.011563
1.01707	90.091	99.9526	708.836	673.989	25.7159	6.58781	43.631	-0.010313
1.01807	90.6388	99.6785	711.234	675.901	25.6996	6.56875	43.679	-0.01125
1.01907	90.091	99.6785	713.633	677.814	25.7382	6.54344	43.7777	-0.010938
1.02007	89.9542	99.6785	715.346	680.545	25.3612	6.51875	44.1724	-0.009688
1.02107	89.9542	99.9526	718.43	680.818	26.2458	6.56969	43.9751	-0.010625
1.02207	89.8173	99.8155	719.001	681.365	26.7145	6.59687	43.9751	-0.01375
1.02307	89.9542	99.5414	722.885	684.643	26.8164	6.59469	44.4685	-0.011563
1.02407	89.9542	99.9526	724.941	686.555	27.2485	6.58719	44.9126	-0.009083
1.02507	89.8173	99.9526	727.682	689.286	27.2811	6.58969	44.5672	-0.011563
1.02607	89.8173	99.6785	730.195	690.379	27.4686	6.58969	44.6136	-0.010313
1.02707	90.091	100.638	731.585	691.472	27.2933	6.59219	44.7646	-0.010938
1.02807	89.8173	99.8155	733.85	693.384	27.5419	6.59594	44.7646	-0.012188
1.02907	90.091	99.6785	735.563	694.613	27.2199	6.58281	44.8633	-0.010313
1.03007	90.091	99.8155	738.591	696.389	26.8164	6.57844	45.0113	-0.011563
1.03107	89.9542	99.6785	738.19	698.028	26.4332	6.58312	44.9126	-0.010938
1.03207	90.091	99.8155	740.017	900.213	26.1438	6.58594	45.2087	-0.012188
1.03307	89.9542	99.9526	741.388	901.579	25.3001	6.58781	45.1593	-0.010313
1.03407	90.091	100.501	741.16	903.354	25.1534	6.57906	45.258	-0.013125
1.03507	89.9542	99.9526	741.845	904.311	25.883	6.54969	45.6966	-0.011875
1.03607	89.2698	99.9526	742.769	906.496	25.9727	6.62562	45.4654	-0.012188
1.03707	90.3648	99.8155	743.901	907.589	25.9441	6.51844	45.7616	-0.010938
1.03807	89.8173	100.09	744.815	910.593	26.2987	6.59094	45.9982	-0.009063
1.03907	90.091	99.9526	744.815	911.886	26.4088	6.58719	46.0475	-0.010313

1.04007	89.2698	99.9526	748.185	814.144	26.1153	6.58719	45.9982	-0.010938
1.04107	90.6386	99.6785	747.327	915.237	26.1235	6.59188	45.7515	-0.011563
1.04208	90.091	99.9526	747.67	918.515	25.9767	6.59344	46.2943	-0.011563
1.04308	90.091	99.4044	748.898	917.898	25.7118	6.58989	46.1956	-0.010313
1.04408	89.8173	100.227	749.612	919.198	25.0718	6.58469	46.0969	-0.011875
1.04508	89.8173	100.09	750.64	921.52	25.2186	6.58781	46.1462	-0.012188
1.04608	89.6804	99.9526	751.898	923.159	25.7568	6.59156	46.9357	-0.010938
1.04708	90.091	100.227	752.239	925.208	25.9686	6.59719	46.541	-0.011563
1.04808	89.9542	99.9526	753.152	925.891	26.8246	6.59219	46.7384	-0.012188
1.04908	89.8173	99.8155	753.495	927.803	26.9285	6.59156	46.541	-0.010938
1.05008	89.9542	99.9526	753.952	928.622	26.9794	6.58989	46.9357	-0.012813
1.05108	89.9542	99.6785	754.88	930.807	27.7908	6.57658	46.9357	-0.010625
1.05208	89.9542	99.9526	755.323	932.858	27.3707	6.54969	46.9357	-0.009375
1.05308	89.8173	99.9526	756.465	935.178	27.4034	6.52594	46.837	-0.010625
1.05408	90.091	99.8155	756.465	935.998	27.705	6.52969	46.7877	-0.009688
1.05508	89.9542	99.8155	757.835	937.637	27.1751	6.60719	47.1331	-0.007813
1.05608	89.5435	99.8155	757.378	938.456	27.0978	6.59408	47.0344	-0.012188
1.05708	89.4067	99.6785	758.064	939.958	26.5718	6.59719	47.2911	-0.009688
1.05808	89.9542	99.6785	758.292	941.051	25.1289	6.59156	46.9357	-0.010313
1.05908	90.5017	99.9526	758.977	943.373	25.4468	6.59719	47.3905	-0.010938
1.06008	90.3848	99.8155	759.434	944.739	25.6017	6.59469	47.2318	-0.011583
1.06108	90.3848	99.6785	759.206	946.105	25.9523	6.60187	47.2318	-0.010938
1.06208	89.4067	99.8155	759.777	947.744	26.0827	6.59469	47.2811	-0.009688
1.06308	90.2279	99.9526	759.549	948.29	25.9523	6.59312	47.4785	-0.011583
1.06408	89.8173	100.09	759.663	950.476	26.1316	6.59469	47.1331	-0.012188
1.06508	89.9542	100.227	759.549	950.475	26.0827	6.59969	47.3798	-0.010313
1.06608	90.091	99.6785	761.947	952.881	26.0297	6.60064	47.5772	-0.007813
1.06708	90.091	100.227	760.12	954.183	25.6751	6.59594	47.2318	-0.01125
1.06808	90.091	100.501	760.805	955.939	25.7568	6.58281	47.6266	-0.010938
1.06908	89.8173	100.501	760.577	957.031	25.1941	6.55656	47.1331	-0.0125
1.07008	89.9542	99.9526	760.805	958.124	24.436	6.53969	47.6759	-0.009375
1.07108	90.3848	99.8155	760.681	960.036	24.9414	6.53312	47.4282	-0.010625
1.07208	89.6804	100.227	761.033	961.948	24.7285	6.60719	47.4765	-0.008063
1.07308	89.9542	99.9526	761.148	963.451	25.1697	6.59408	47.4282	-0.010313
1.07408	90.091	99.9526	761.49	965.226	25.9808	6.59969	47.6266	-0.011563
1.07508	89.8173	99.9526	761.262	967.138	25.9971	6.60187	47.5772	-0.010938
1.07608	90.2279	99.8155	761.604	967.411	26.5352	6.59969	47.2318	-0.011563
1.07708	90.3848	99.9526	762.632	969.187	26.3313	6.59594	47.5772	-0.008125
1.07808	89.8173	99.4044	761.49	969.324	26.7186	6.59908	47.4785	-0.011563
1.07908	90.091	99.8155	762.176	972.055	26.7349	6.60219	48.12	-0.010313
1.08008	89.8173	100.638	762.29	973.148	26.6697	6.59969	47.7253	-0.012813
1.08108	90.091	99.8155	762.178	974.924	26.5718	6.59469	47.5772	-0.011583
1.08208	89.5435	99.9526	761.719	976.899	26.1072	6.59887	47.8733	-0.010313
1.08308	90.091	100.227	760.577	977.855	25.3572	6.59908	47.6759	-0.010625
1.08408	90.091	99.5414	760.12	978.884	24.599	6.60594	47.6759	-0.010313
1.08508	90.091	99.9526	758.635	979.977	24.5684	6.59094	47.6759	-0.010313
1.08608	90.091	99.9526	758.292	982.162	25.7568	6.55781	47.6759	-0.01125
1.08708	90.091	99.6785	758.178	982.162	25.1534	6.53312	47.7253	-0.009375
1.08808	89.6804	99.9526	758.292	984.211	25.4305	6.53219	47.2811	-0.010625
1.08908	90.091	99.9526	758.807	984.757	25.8983	6.60969	47.7253	-0.010938
1.09008	89.8173	99.8155	758.236	986.806	25.4795	6.58808	48.12	-0.012188
1.09108	90.091	99.9526	755.661	987.352	25.5773	6.59719	47.7253	-0.010625

1.09208	90.091	99.9526	755.551	988.718	25.5773	6.59858	47.7746	-0.010938
1.09308	88.1329	99.9526	755.437	989.811	25.292	6.60126	47.8286	-0.010938
1.09408	90.091	99.8155	756.485	991.45	25.0392	6.59844	47.8286	-0.010938
1.09508	90.091	99.9526	756.922	993.382	24.8887	6.59858	47.7253	-0.010313
1.09608	89.8173	100.227	756.178	995.001	24.493	6.59408	47.8239	-0.010625
1.09708	90.091	99.9526	756.749	996.084	24.0528	6.59594	47.9228	-0.011563
1.09808	88.9542	100.501	759.32	996.387	23.8882	6.59844	47.7253	-0.010313
1.09908	89.9542	99.8785	759.663	997.48	23.9224	6.59969	47.7746	-0.009063
1.10008	89.9542	99.9526	759.549	997.323	24.599	6.59156	47.972	-0.010938
1.10108	90.2279	99.8785	760.12	998.645	24.8782	6.59582	48.4654	-0.012813
1.10208	89.9542	99.8785	759.891	1000.74	25.5039	6.59856	48.12	-0.010938
1.10308	89.9542	99.9526	759.206	1003.2	25.4917	6.57906	47.9228	-0.010938
1.10408	90.091	100.364	757.721	1004.43	26.0827	6.54656	48.3687	-0.011563
1.10508	90.091	99.9526	756.807	1005.52	25.9767	6.51844	48.1693	-0.009888
1.10608	90.091	99.9526	755.779	1006.47	25.7118	6.5825	48.0707	-0.010313
1.10708	90.091	100.09	754.18	1008.86	25.8178	6.60989	48.268	-0.010938
1.10808	89.8173	100.501	752.895	1009.89	25.8055	6.59469	48.1693	-0.011875
1.10908	89.2688	100.227	751.211	1009.89	25.2308	6.59469	48.268	-0.011875
1.11008	89.8173	99.9526	750.754	1010.3	24.2729	6.59989	48.12	-0.009063
1.11108	90.2279	99.8785	747.556	1011.94	24.1262	6.59156	47.9228	-0.013438
1.11208	90.091	99.9526	746.87	1013.58	24.4849	6.59594	48.1693	-0.011563
1.11308	89.8173	99.2673	745.386	1014.4	24.9414	6.59989	48.1693	-0.011563
1.11408	90.091	99.9526	744.243	1015.76	25.0922	6.59281	48.12	-0.01125
1.11508	89.8804	100.09	744.015	1015.9	25.1778	6.59344	47.9228	-0.010938
1.11608	90.091	99.9526	743.101	1016.08	25.2838	6.59281	47.7746	-0.011563
1.11708	89.8173	100.838	742.53	1019.31	25.0392	6.59489	47.8239	-0.01
1.11808	89.8173	100.227	740.817	1020.41	25.3449	6.59344	47.8239	-0.011563
1.11908	89.8173	99.9526	739.875	1022.04	25.1452	6.58908	48.0707	-0.010938
1.12008	89.8173	99.8785	738.533	1021.91	24.6765	6.57719	47.9228	-0.010625
1.12108	89.8173	99.8155	736.705	1021.77	25.1167	6.54844	48.0213	-0.007813
1.12208	89.8173	100.227	733.507	1023	24.7539	6.53219	48.0213	-0.012813
1.12308	89.8173	100.364	732.479	1024.5	23.7636	6.52437	48.2187	-0.010313
1.12408	89.8173	99.8785	729.187	1025.87	23.8816	6.59781	47.9228	-0.009888
1.12508	90.091	99.8155	727.111	1026.96	23.7104	6.58969	48.12	-0.010625
1.12608	90.091	99.9526	725.169	1028.33	23.8246	6.59562	48.0707	-0.012813
1.12708	89.9542	100.09	722.542	1028.87	24.2159	6.59469	48.0707	-0.010625
1.12808	89.8173	99.9526	720.143	1029.42	24.5175	6.58938	48.3174	-0.01125
1.12908	90.091	99.8155	718.088	1031.06	24.9088	6.58844	47.972	-0.010938
1.13008	90.091	100.09	716.26	1032.7	25.2023	6.58969	48.12	-0.012188
1.13108	89.8173	99.9526	714.889	1031.88	25.1452	6.59719	48.2187	-0.012813
1.13208	89.5435	99.9526	713.29	1033.79	25.5039	6.59375	48.3174	-0.007813
1.13308	89.9542	99.9526	712.148	1034.61	25.1371	6.58938	48.2187	-0.012813
1.13408	90.091	99.9526	711.234	1035.7	25.1897	6.58719	48.3174	-0.01125
1.13508	89.9542	100.501	710.206	1036.25	25.0759	6.58344	48.12	-0.010313
1.13608	89.8173	100.364	710.092	1037.34	24.4886	6.59719	48.4181	-0.010938
1.13708	90.091	99.9526	708.607	1038.8	23.5352	6.59489	48.2187	-0.010313
1.13808	90.091	99.9526	708.036	1038.43	23.4007	6.58719	48.2187	-0.012813
1.13908	89.9542	99.9526	708.894	1039.53	23.7349	6.54187	48.2187	-0.010313
1.14008	90.091	99.8155	705.752	1040.07	24.0284	6.51844	48.12	-0.008438
1.14108	89.8173	99.9526	704.838	1041.89	24.4849	6.54989	48.0707	-0.011563
1.14208	90.091	100.227	702.554	1041.71	24.6072	6.60344	48.12	-0.010938
1.14308	89.9542	99.9526	701.64	1041.71	24.7743	6.58489	44.5872	-0.010938

1.14408	89.8173	100.227	700.498	1042.28	24.8438	6.5925	49.0082	-0.010625
1.14508	89.5435	100.227	699.242	1042.53	24.7376	6.59584	48.4181	-0.009063
1.14608	89.9542	99.9526	697.871	1042.8	24.8843	6.59658	48.3174	-0.012813
1.14708	89.8173	99.9526	697.186	1043.82	24.7784	6.58812	48.0707	-0.010938
1.14808	89.8173	99.9526	696.386	1044.17	24.8968	6.59281	48.1893	-0.010938
1.14908	90.091	99.9526	696.386	1044.44	24.4645	6.59375	48.0707	-0.010313
1.15008	89.9542	99.9526	695.701	1044.99	24.2729	6.59812	48.12	-0.01125
1.15108	89.8173	99.9526	695.244	1044.17	24.0202	6.59469	48.12	-0.010313
1.15208	89.8173	100.227	694.102	1044.44	23.4618	6.58969	48.1893	-0.011583
1.15308	89.9542	99.9526	694.559	1043.78	23.5596	6.58684	47.972	-0.010313
1.15408	89.8173	100.501	694.33	1044.44	23.8572	6.58719	48.0707	-0.007188
1.15508	90.091	99.8785	695.016	1043.9	24.1384	6.58969	48.12	-0.009375
1.15608	89.5435	99.9526	694.33	1044.44	24.5623	6.57719	48.268	-0.010313
1.15708	89.9542	100.227	694.559	1044.99	24.705	6.54719	47.8733	-0.009888
1.15808	90.2279	99.1303	694.787	1044.85	24.811	6.52344	47.7253	-0.011583
1.15908	90.091	99.9526	694.787	1044.99	24.9414	6.55437	48.1893	-0.011583
1.16008	90.091	99.9526	694.787	1043.82	24.9088	6.61219	47.9226	-0.010938
1.16108	89.9542	100.501	695.244	1044.85	24.8517	6.59158	47.972	-0.010938
1.16208	89.9542	99.8155	696.158	1044.44	24.599	6.59469	47.7253	-0.00875
1.16308	90.091	100.09	696.386	1046.83	24.383	6.58344	47.7253	-0.010313
1.16408	89.8173	99.9526	697.071	1046.08	24.0773	6.58844	47.7253	-0.010938
1.16508	89.9542	99.9526	697.528	1046.9	23.5555	6.59719	47.7253	-0.010313
1.16608	90.091	99.9526	698.67	1047.04	22.9482	6.58344	47.4785	-0.011583
1.16708	89.8173	99.8155	698.898	1047.18	22.9319	6.58582	47.7253	-0.012188
1.16808	89.9542	99.9526	699.356	1047.18	23.1318	6.59584	47.5279	-0.010625
1.16908	90.091	100.227	700.041	1047.72	23.5596	6.59969	47.6759	-0.010625
1.17008	89.5435	100.501	701.183	1048.27	23.6534	6.59969	47.9305	-0.012188
1.17108	89.6804	99.8155	702.44	1048.81	23.688	6.59719	47.9305	-0.011583
1.17208	90.091	99.9526	703.81	1049.77	23.9632	6.59969	47.4292	-0.009063
1.17308	89.8173	99.8155	704.381	1050.45	23.9142	6.60219	47.4292	-0.011583
1.17408	89.9542	99.8155	707.123	1052.37	23.7838	6.58844	47.4785	-0.009063
1.17508	89.9542	99.9526	708.265	1050.86	23.8327	6.54938	47.3305	-0.010625
1.17608	89.6804	100.384	710.208	1052.09	23.8853	6.52908	47.6288	-0.010313
1.17708	90.091	99.9526	712.148	1063.46	23.4577	6.54938	47.3305	-0.010938
1.17808	89.9542	99.9526	714.204	1054	23.2988	6.61719	47.4785	-0.012188
1.17908	90.091	99.6785	715.461	1054.55	23.205	6.60158	47.8733	-0.012188
1.18008	90.091	99.9526	717.745	1055.1	22.561	6.60094	47.5279	-0.011583
1.18108	89.9542	99.9526	719.915	1056.46	22.6833	6.60094	47.4292	-0.011583
1.18208	89.9542	100.227	721.514	1057.56	23.2335	6.60312	47.6288	-0.012813
1.18308	89.8173	99.9526	724.141	1058.1	23.4536	6.60719	47.6759	-0.011583
1.18408	90.091	99.6785	725.969	1058.38	23.58	6.60094	47.6288	-0.010938
1.18508	89.9542	99.9526	727.225	1060.83	23.8572	6.59969	47.5772	-0.01125
1.18608	90.091	99.9526	728.71	1061.38	23.8958	6.60158	47.6759	-0.010938
1.18708	90.091	100.227	730.88	1061.93	23.8857	6.60219	47.8239	-0.012188
1.18808	90.091	99.9526	733.164	1061.93	24.061	6.60687	47.7253	-0.009375
1.18908	90.6386	99.9526	735.449	1063.98	23.9958	6.60594	47.6288	-0.010938
1.19008	90.091	100.227	736.591	1065.2	23.7512	6.60408	48.0213	-0.009375
1.19108	90.091	99.9526	739.789	1065.48	23.7188	6.60344	47.7253	-0.012188
1.19208	89.8173	99.9526	740.817	1066.18	23.3782	6.59969	47.6759	-0.011875
1.19308	90.6386	100.09	743.215	1067.39	23.0501	6.58844	47.8239	-0.010625
1.19408	89.9542	99.9526	744.586	1068.48	22.7363	6.54219	47.8239	-0.009063
1.19508	89.5435	99.9526	746.87	1069.57	22.2675	6.53082	47.6759	-0.010313

1.19609	89.8173	99.9528	748.826	1070.94	21.8843	6.80344	47.8239	-0.010825
1.19709	89.9542	99.9528	751.439	1070.39	21.8762	6.81281	47.8266	-0.010313
1.19809	90.091	99.8785	752.353	1070.67	22.1167	6.80594	47.5772	-0.007188
1.19909	89.4067	99.9528	753.609	1070.53	22.2594	6.80156	47.2811	-0.014063
1.20009	89.8804	100.838	755.094	1071.49	22.581	6.80219	47.5772	-0.010938
1.20109	89.8173	99.9528	757.15	1072.85	22.8425	6.80908	48.12	-0.008438
1.20209	89.8173	100.501	757.835	1072.85	22.8282	6.80906	47.5279	-0.010938
1.20309	89.9542	99.9528	760.805	1074.49	22.7648	6.80719	47.6759	-0.008688
1.20409	90.091	99.9528	761.804	1074.77	22.7363	6.80219	47.7253	-0.011563
1.20509	90.3648	99.8155	763.318	1075.58	22.6221	6.80594	47.7253	-0.01
1.20609	89.2888	99.8785	765.145	1076.95	22.5385	6.81188	47.7253	-0.010313
1.20709	89.8173	99.9528	766.287	1076.95	22.3816	6.80719	47.7253	-0.010313
1.20809	89.9981	99.8155	767.658	1077.22	22.2145	6.80594	47.5772	-0.011563
1.20909	90.6386	99.8785	768.257	1077.09	21.7376	6.80281	47.8733	-0.011563
1.21009	89.9542	100.384	770.399	1076.54	21.9859	6.80156	47.0344	-0.012813
1.21109	90.091	99.9528	772.884	1078.04	22.4306	6.80344	47.7253	-0.010313
1.21209	89.9542	99.9528	774.825	1078.32	22.5406	6.85344	48.12	-0.011563
1.21309	89.9542	99.9528	777.367	1079.98	23.1561	6.82989	47.5772	-0.010313
1.21409	89.8804	99.9528	778.395	1080.36	23.1642	6.88989	47.9228	-0.009375
1.21509	90.5017	99.9528	780.45	1080.77	23.2947	6.81989	47.6759	-0.013438
1.21609	90.091	100.09	781.935	1079.86	23.6982	6.80344	47.5279	-0.014063
1.21709	90.6386	99.8155	784.105	1080.91	23.5983	6.80531	47.7253	-0.010313
1.21809	89.9542	100.775	786.047	1081.46	23.58	6.88844	47.8239	-0.011563
1.21909	90.091	99.9528	788.331	1081.59	23.7287	6.89989	47.8239	-0.010938
1.22009	90.091	99.8155	790.73	1082.14	23.3681	6.80687	47.7253	-0.010825
1.22109	89.2888	99.9528	791.415	1081.87	23.2861	6.88844	47.3305	-0.011875
1.22209	89.9542	99.9528	794.385	1083.51	23.1479	6.88889	47.8239	-0.010313
1.22309	90.091	99.9528	796.213	1083.1	22.8667	6.89781	48.12	-0.010313
1.22409	90.091	99.8785	797.583	1083.78	22.3979	6.89989	47.3798	-0.01125
1.22509	89.9542	100.501	799.867	1084.87	22.023	6.80594	47.5279	-0.011563
1.22609	90.091	100.227	801.581	1085.15	21.8843	6.80344	47.5279	-0.010825
1.22709	90.091	100.227	803.088	1085.42	21.6806	6.89658	47.8266	-0.010938
1.22809	90.091	99.9528	804.685	1085.83	22.1901	6.89562	47.8266	-0.011563
1.22909	89.9542	99.8785	806.721	1086.51	22.1575	6.89687	47.5279	-0.012813
1.23009	89.9542	100.501	806.721	1087.33	22.1819	6.87084	47.7253	-0.011563
1.23109	89.9542	99.9528	808.205	1086.92	22.5365	6.84281	47.3305	-0.010938
1.23209	89.8804	100.227	808.434	1085.89	22.2634	6.8175	47.1331	-0.014063
1.23309	90.091	99.9528	810.604	1086.92	22.3853	6.88344	47.3305	-0.012188
1.23409	90.3648	99.9528	812.68	1087.8	22.3839	6.80489	48.12	-0.012813
1.23509	90.091	99.9528	813.459	1088.42	22.3164	6.80094	47.5279	-0.010313
1.23609	90.091	100.227	814.145	1089.24	21.974	6.89889	47.6759	-0.010838
1.23709	89.9542	99.9528	814.944	1089.52	21.8986	6.89489	47.8266	-0.009375
1.23809	90.091	99.8155	815.744	1089.24	21.7132	6.89562	48.0213	-0.010313
1.23909	89.8173	100.501	817.229	1089.79	21.2281	6.80094	47.8239	-0.010313
1.24009	90.091	99.9528	818.142	1089.24	21.5501	6.89594	47.8239	-0.010825
1.24109	90.091	100.227	818.599	1090.2	21.8721	6.89188	47.7253	-0.009375
1.24209	90.091	99.9528	819.856	1089.24	21.9577	6.89281	47.6759	-0.010825
1.24309	89.9542	99.9528	820.427	1088.16	22.6099	6.88889	47.3305	-0.013126
1.24409	90.091	99.8155	821.226	1089.86	22.7883	6.88812	47.6759	-0.011563
1.24509	90.091	99.9528	822.254	1090.2	22.7528	6.88594	48.12	-0.010313
1.24609	90.091	99.9528	823.064	1091.02	23.258	6.88094	47.7253	-0.011563
1.24709	90.091	99.9528	823.853	1091.29	23.1153	6.88406	47.8239	-0.010313

1.24809	89.9542	99.9526	824.082	1091.15	23.1072	8.59082	47.5772	-0.010625
1.24909	89.9542	99.9526	825.452	1090.75	23.47	8.57219	47.9228	-0.011563
1.25009	89.5435	99.9526	825.909	1090.61	22.9931	8.53989	47.4785	-0.010938
1.25109	89.8173	99.9526	826.366	1090.88	22.9849	8.51813	47.4785	-0.010938
1.25209	90.8386	99.8155	827.051	1091.7	23.046	8.57187	47.5772	-0.008688
1.25309	89.8804	99.9526	827.508	1090.88	22.887	8.59969	47.3305	-0.012188
1.25409	89.9542	99.5414	828.422	1091.84	22.0837	8.59594	47.4292	-0.010313
1.25509	90.2279	99.9526	827.985	1092.25	21.2933	8.59158	47.2318	-0.011563
1.25609	89.5435	99.9526	829.338	1092.52	21.2893	8.59344	47.8239	-0.010313
1.25709	89.8173	99.9526	830.249	1092.93	21.2889	8.59158	47.3798	-0.010938
1.25809	89.8173	99.9526	829.584	1091.84	21.8887	8.59594	47.4785	-0.010313
1.25909	89.8804	99.8155	830.021	1091.43	21.7539	8.59281	47.4785	-0.010625
1.26009	90.091	99.6785	831.277	1092.52	21.7539	8.58781	47.5279	-0.011563
1.26109	90.091	99.9526	830.82	1092.52	22.0474	8.58969	47.5279	-0.010313
1.26209	90.091	100.09	831.049	1093.34	21.7621	8.58969	47.3305	-0.010313
1.26309	89.9542	99.6785	832.305	1093.34	21.8355	8.58594	47.3798	-0.010313
1.26409	89.8173	99.9526	832.762	1094.16	21.8925	8.58219	47.6759	-0.010313
1.26509	89.2698	99.9526	834.361	1093.61	21.6287	8.58844	47.2318	-0.009888
1.26609	89.4067	99.8155	833.662	1093.07	21.5787	8.59158	47.3305	-0.013125
1.26709	90.091	99.9526	834.133	1093.61	21.5175	8.58969	48.12	-0.012188
1.26809	90.091	100.227	834.818	1094.16	20.8164	8.57489	47.4785	-0.011563
1.26909	89.8173	99.9526	835.047	1093.34	20.7512	8.54489	47.3305	-0.011563
1.27009	90.091	100.384	835.503	1094.3	20.8289	8.52125	47.5279	-0.0125
1.27109	90.2279	99.6785	835.846	1094.71	20.1683	8.55489	47.4292	-0.012813
1.27209	90.091	99.9526	835.275	1095.12	21.0039	8.60582	47.3305	-0.011563
1.27309	90.091	99.9526	835.275	1095.66	21.1181	8.59408	47.5279	-0.010313
1.27409	90.091	99.9526	836.78	1096.62	21.1874	8.59344	47.6759	-0.010938
1.27509	89.8173	99.9526	836.732	1094.43	21.8069	8.59344	47.6268	-0.010313
1.27609	89.8173	99.8155	836.303	1094.43	21.7091	8.59408	47.5279	-0.010938
1.27709	89.8173	99.9526	835.503	1094.98	21.8273	8.59781	47.5279	-0.012813
1.27809	90.091	99.9526	835.047	1094.16	22.1462	8.59489	48.0213	-0.009375
1.27909	89.9542	99.9526	835.98	1095.63	21.9863	8.59158	47.8239	-0.011563
1.28009	90.091	99.2673	836.075	1096.07	21.9965	8.59687	47.4785	-0.010625
1.28109	89.8173	99.8155	836.848	1096.89	22.2105	8.59489	47.6759	-0.01125
1.28209	89.8173	99.9526	836.631	1096.89	21.9333	8.60158	47.5279	-0.010625
1.28309	90.091	99.9526	836.417	1096.35	21.7295	8.59687	47.5279	-0.010313
1.28409	90.3648	99.9526	836.417	1094.71	21.6316	8.5975	47.7253	-0.011875
1.28509	90.091	100.364	837.331	1095.6	20.5882	8.59908	47.6759	-0.010313
1.28609	89.9542	99.9526	836.78	1095.25	20.6493	8.60219	47.972	-0.010313
1.28709	89.8804	99.9526	836.016	1096.21	20.0827	8.59969	47.8239	-0.008125
1.28809	90.091	99.9526	836.417	1097.18	20.6452	8.58844	47.6268	-0.010625
1.28909	90.091	99.4044	837.445	1097.85	20.5719	8.54489	47.8733	-0.011563
1.29009	89.9542	100.838	837.331	1097.98	20.9754	8.52969	47.8239	-0.010938
1.29109	89.9542	99.9526	836.848	1098.12	20.9917	8.58219	47.7253	-0.009888
1.29209	89.4067	100.09	836.874	1097.98	20.7675	8.61408	47.7746	-0.011563
1.29309	90.091	100.364	837.217	1097.85	21.0488	8.60219	47.7253	-0.012813
1.29409	89.9542	99.4044	836.417	1097.98	20.9489	8.60719	47.6268	-0.010938
1.29509	90.091	99.9526	836.874	1098.8	20.7594	8.60489	47.7253	-0.010313
1.29609	89.9542	100.364	835.732	1099.62	20.6613	8.61094	47.8239	-0.011563
1.29709	89.5435	99.9526	835.732	1098.94	20.6697	8.60531	47.6759	-0.010313
1.29809	90.091	100.838	835.846	1099.08	20.3925	8.60489	47.7253	-0.010313
1.29909	89.9542	100.227	834.133	1099.08	20.2821	8.60594	47.8239	-0.014063

1.30009	89.9542	99.9526	834.133	1100.17	20.0624	6.60989	48.2187	-0.012813
1.30109	90.091	99.9526	834.59	1100.44	19.7078	6.61437	47.7253	-0.010938
1.30209	90.091	99.8155	834.361	1100.58	19.5243	6.60812	47.7253	-0.010938
1.30309	90.091	99.9526	833.219	1100.89	19.1819	6.60989	47.8239	-0.010313
1.30409	90.091	100.227	832.991	1100.99	19.2798	6.61219	48.0707	-0.010313
1.30509	90.091	99.9526	832.991	1101.81	19.8099	6.61875	47.5772	-0.011875
1.30609	90.091	99.9526	832.077	1102.08	20.0094	6.61219	47.9226	-0.009688
1.30709	90.091	99.9526	832.077	1103.45	20.2376	6.60875	47.9226	-0.010313
1.30809	90.091	100.09	831.963	1102.35	20.6534	6.60687	47.9226	-0.010938
1.30909	90.091	100.09	832.191	1102.9	20.47	6.60531	47.8239	-0.009063
1.31009	90.3648	99.9526	830.478	1101.26	20.5841	6.64594	47.7253	-0.010938
1.31109	90.6386	99.9526	831.392	1102.63	20.9306	6.68219	48.1693	-0.010938
1.31209	90.091	100.09	832.305	1103.17	20.9143	6.62408	48.0707	-0.011563
1.31309	89.9542	99.9526	832.305	1104.54	20.8531	6.61344	47.8733	-0.012188
1.31409	89.9542	99.9526	832.42	1104.13	20.9468	6.62437	48.3867	-0.010313
1.31509	90.091	99.4044	832.648	1104.27	20.7584	6.61937	48.0213	-0.010313
1.31609	90.091	100.09	832.991	1105.09	20.6045	6.61375	48.0213	-0.011563
1.31709	89.9542	100.09	833.448	1104.4	20.3436	6.61489	48.12	-0.010313
1.31809	90.091	99.9526	833.219	1105.09	19.5773	6.61219	48.4161	-0.010938
1.31909	89.8173	99.9526	833.904	1103.45	19.4428	6.61812	48.0707	-0.011563
1.3201	90.091	100.227	834.475	1104.54	19.3735	6.61489	47.8239	-0.008375
1.3211	89.8173	100.227	833.562	1104.54	19.8626	6.61489	48.0213	-0.013438
1.3221	89.9542	100.227	833.676	1104.54	20.0991	6.61219	48.12	-0.010938
1.3231	89.8173	99.9526	833.106	1104.54	19.9158	6.61469	48.0707	-0.010313
1.3241	89.8173	99.9526	832.305	1105.83	20.0787	6.62156	47.972	-0.010313
1.3251	90.091	99.9526	831.163	1105.83	20.2539	6.61408	48.12	-0.010313
1.3261	89.5435	99.9526	830.021	1106.18	19.9931	6.61437	47.8239	-0.010313
1.3271	90.091	99.9526	828.65	1107.14	20.0991	6.61594	47.9226	-0.012813
1.3281	90.5017	99.9526	827.965	1106.18	20.2295	6.61156	47.972	-0.010938
1.3291	89.8173	99.9526	826.252	1107.68	19.9645	6.57937	47.9226	-0.013125
1.3301	89.9542	100.09	826.224	1105.91	20.0216	6.54719	48.0707	-0.011563
1.3311	90.9124	99.9526	824.881	1106.18	19.8545	6.54969	47.972	-0.009063
1.3321	89.8173	100.227	822.483	1105.83	19.5488	6.62656	47.9226	-0.011875
1.3331	90.2279	99.9526	821.112	1106.73	19.3205	6.61694	48.3867	-0.010938
1.3341	89.9542	99.9526	819.513	1106.18	19.3654	6.61694	47.7748	-0.01125
1.3351	90.5017	99.9526	819.17	1107.27	19.0637	6.60989	48.0213	-0.010313
1.3361	89.8173	99.9526	817.885	1107.82	18.9211	6.60844	47.8288	-0.010313
1.3371	90.091	99.9526	816.315	1106.73	18.5175	6.60469	47.8239	-0.010313
1.3381	90.091	99.4044	815.287	1106.73	18.7458	6.60594	47.972	-0.010313
1.3391	90.2279	99.9526	814.031	1106.18	18.8622	6.59344	47.7253	-0.010313
1.3401	90.091	99.2873	813.117	1107.14	19.027	6.59469	47.5772	-0.010825
1.3411	90.091	100.364	811.975	1108.73	19.6751	6.58687	47.7253	-0.010938
1.3421	88.9961	99.9526	811.975	1105.5	19.6018	6.58656	47.7253	-0.007188
1.3431	89.8173	99.8155	809.462	1105.91	19.4387	6.59625	47.3798	-0.013125
1.3441	89.8173	100.227	807.406	1105.5	19.9116	6.58408	47.8288	-0.010313
1.3451	89.9542	99.9526	808.378	1105.83	19.7485	6.59344	47.8759	-0.010313
1.3461	90.091	99.5414	804.779	1104.54	19.5773	6.59437	47.8266	-0.01125
1.3471	90.091	100.227	802.951	1104.54	20.0175	6.59781	47.2811	-0.011563
1.3481	90.091	100.227	801.238	1104.81	19.8056	6.59219	47.8288	-0.011563
1.3491	90.091	99.8155	800.096	1104.54	19.4876	6.57969	47.4282	-0.01125
1.3501	90.3648	99.1303	798.383	1103.99	19.561	6.54969	47.4785	-0.011875
1.3511	90.2279	99.6785	797.583	1104.81	19.3001	6.52969	47.4785	-0.012813

1.3521	90.091	100.227	796.098	1103.45	18.4034	6.52469	47.7253	-0.009688
1.3531	89.8173	100.912	794.385	1102.9	18.3826	6.59687	48.0707	-0.009688
1.3541	89.8173	99.6785	793.928	1103.45	18.1752	6.59031	47.7253	-0.010938
1.3551	89.9542	100.09	792.101	1101.81	18.3708	6.59156	48.0213	-0.010625
1.3561	90.091	99.9526	790.616	1102.08	18.8273	6.59156	47.8239	-0.010938
1.3571	89.9542	99.6785	789.359	1102.35	18.8989	6.59469	47.7253	-0.010313
1.3581	90.091	100.227	788.448	1102.08	18.8355	6.59084	48.0213	-0.010313
1.3591	89.8804	100.227	788.504	1102.35	19.1897	6.58844	47.7253	-0.011563
1.3601	90.091	100.227	785.59	1100.44	19.0556	6.58908	48.0213	-0.010825
1.3611	90.3848	99.9526	783.534	1100.99	19.1534	6.58437	47.6759	-0.011563
1.3621	90.091	100.09	781.478	1101.28	19.2635	6.59344	47.6759	-0.010625
1.3631	89.8804	100.384	780.45	1100.17	19.0837	6.59989	47.7253	-0.010938
1.3641	90.091	99.5414	779.765	1101.28	19.0311	6.59719	47.6286	-0.0075
1.3651	89.8173	100.601	777.024	1105.63	19.1004	6.59989	47.7253	-0.011875
1.3661	90.091	100.227	777.938	1108.09	18.9859	6.60094	47.6759	-0.009688
1.3671	89.8173	99.9526	776.11	1112.48	18.8314	6.59908	47.8733	-0.011563
1.3681	90.091	100.227	775.425	1113.14	18.7821	6.60158	47.6759	-0.010938
1.3691	89.9542	99.9526	774.283	1113.28	18.6113	6.60281	47.6286	-0.010938
1.3701	90.091	100.227	772.455	1110.41	18.3826	6.59906	47.8733	-0.009688
1.3711	90.091	99.9526	770.626	1110.96	18.2587	6.57989	47.5279	-0.010313
1.3721	89.8804	100.775	770.171	1109.18	17.8776	6.55094	47.8239	-0.010313
1.3731	88.9961	99.9526	768.8	1109.18	17.8248	6.52688	47.5772	-0.009688
1.3741	90.091	99.2673	766.973	1108.64	18.1588	6.54781	47.8239	-0.010313
1.3751	90.091	99.8155	764.688	1107.14	18.2811	6.60781	47.5279	-0.010313
1.3761	90.091	99.9526	764.232	1107.27	18.4034	6.58989	47.5279	-0.011563
1.3771	89.9542	100.227	761.262	1107.14	18.6643	6.59469	47.8239	-0.010938
1.3781	90.091	99.9526	759.434	1105.63	18.7091	6.59344	47.7253	-0.009375
1.3791	90.091	99.4044	757.378	1105.63	18.7862	6.59156	47.6286	-0.010825
1.3801	90.091	99.5414	755.779	1105.09	18.9007	6.59219	47.3305	-0.010938
1.3811	90.091	100.09	753.952	1105.36	18.9088	6.59094	47.4292	-0.010938
1.3821	90.2279	99.4044	750.982	1103.45	18.9129	6.58844	47.7253	-0.010938
1.3831	90.3848	99.8155	748.926	1103.45	18.8273	6.59594	47.2811	-0.011875
1.3841	90.091	100.384	747.213	1102.9	18.7743	6.59781	47.6286	-0.01125
1.3851	89.8173	100.501	744.929	1103.99	18.8317	6.59582	47.3305	-0.010313
1.3861	90.2279	99.9526	744.129	1107.54	18.5012	6.59719	47.2811	-0.007813
1.3871	89.9542	100.501	741.388	1108.64	18.2974	6.59687	47.1825	-0.011563
1.3881	90.091	99.9526	739.789	1112.05	18.1486	6.59719	48.9357	-0.011563
1.3891	90.091	99.4044	738.675	1113.01	17.8998	6.60187	47.7253	-0.010313
1.3901	89.8173	99.9526	736.705	1111.64	17.3496	6.60094	47.1331	-0.010313
1.3911	90.091	99.9526	734.535	1111.37	17.3599	6.60437	47.4292	-0.010825
1.3921	89.9542	99.9526	733.507	1110.55	17.3029	6.60187	47.1331	-0.009688
1.3931	90.091	100.227	732.136	1109.32	17.5841	6.58844	47.4292	-0.011563
1.3941	90.091	99.9526	730.88	1109.87	17.8575	6.58989	47.1331	-0.011563
1.3951	90.091	99.9526	730.195	1110.55	17.7227	6.53656	47.1331	-0.012188
1.3961	89.5435	99.9526	729.509	1109.46	17.8654	6.54219	47.2318	-0.011563
1.3971	90.091	99.2673	728.139	1109.73	17.9081	6.61281	48.9357	-0.010313
1.3981	89.9542	100.09	728.139	1110	17.9632	6.59344	47.1331	-0.012188
1.3991	89.9542	100.227	726.997	1109.59	17.9387	6.60094	47.1331	-0.010938
1.4001	89.8173	99.9526	728.139	1110	17.9143	6.60187	47.3305	-0.011563
1.4011	89.8173	100.384	726.854	1108.91	17.9713	6.59989	47.0838	-0.012188
1.4021	89.9542	100.227	726.54	1109.32	17.8776	6.60344	48.9357	-0.010313
1.4031	89.8173	99.9526	725.189	1108.91	17.8591	6.59812	48.7877	-0.010313

1.4041	90.091	99.9526	724.484	1109.18	17.8613	8.59656	46.5903	-0.010625
1.4051	90.091	99.9526	723.57	1108.91	17.8697	8.59719	46.7677	-0.009688
1.4061	89.8173	99.9526	722.656	1109.73	17.5067	8.59808	46.686	-0.010313
1.4071	90.091	99.9526	721.514	1108.91	17.3436	8.59812	46.7877	-0.010638
1.4081	90.091	100.227	721.626	1108.77	17.1643	8.59719	46.6397	-0.0075
1.4091	90.091	100.227	719.687	1107.82	16.8706	8.59656	46.4423	-0.014888
1.4101	90.091	100.227	719.23	1109.46	16.9523	8.59906	46.5903	-0.01376
1.4111	89.8173	99.9526	719.001	1109.46	17.1581	8.60719	47.0344	-0.010938
1.4121	90.091	99.9526	718.316	1108.91	17.3029	8.60489	46.837	-0.010313
1.4131	89.8173	99.8155	717.858	1109.32	17.4374	8.60838	46.9357	-0.009688
1.4141	89.2888	99.9526	717.973	1111.82	17.8045	8.60875	47.0344	-0.010313
1.4151	89.8173	100.227	718.544	1111.1	17.7512	8.60531	46.9357	-0.010313
1.4161	89.8173	100.384	717.973	1112.46	17.7309	8.58344	46.541	-0.012188
1.4171	89.8173	100.501	717.516	1114.1	17.898	8.55531	46.4916	-0.010313
1.4181	89.8173	100.227	718.659	1114.82	17.8328	8.52989	46.541	-0.010938
1.4191	90.091	100.09	719.915	1113.55	17.7875	8.57856	46.4423	-0.010313
1.4201	90.8396	100.227	719.23	1087.08	17.9061	8.60625	46.0476	-0.01126
1.4211	89.9542	99.9526	713.29	1084.11	17.7309	8.59062	46.0989	-0.01126
1.4221	89.8173	99.9526	713.861	1109.73	17.7105	8.59084	46.0989	-0.010625
1.4231	89.5435	99.9526	732.707	1110	17.7309	8.58489	45.6528	-0.010625
1.4241	88.9961	100.227	729.395	1125.16	17.4822	8.58781	45.7515	-0.010313
1.4251	89.9542	99.9526	720.268	1127.49	17.3356	8.58312	45.5541	-0.011875
1.4261	90.091	99.8155	723.57	1105.63	17.2417	8.57989	45.3567	-0.010313
1.4271	89.9542	100.09	721.742	1090.34	16.9156	8.57844	45.3567	-0.010625
1.4281	90.091	99.9526	717.402	1090.75	16.8629	8.57469	45.6528	-0.010313
1.4291	90.3848	99.4044	721.626	1091.7	16.5325	8.57719	45.11	-0.01126
1.4301	89.8173	100.227	726.768	1096.07	16.1004	8.57989	45.5541	-0.010938
1.4311	88.8804	99.9526	722.199	1103.45	15.9945	8.57875	44.9128	-0.01376
1.4321	88.9961	100.227	717.516	1108.18	16.1127	8.58344	45.4554	-0.012188
1.4331	89.9542	100.384	717.516	1113.01	16.3165	8.58437	45.5541	-0.012188
1.4341	90.091	100.227	725.626	1178.84	16.3817	8.58219	45.258	-0.01126
1.4351	90.091	99.9526	745.957	1181.08	16.5488	8.58406	45.0606	-0.012813
1.4361	89.8173	99.9526	737.733	1091.97	16.5773	8.58489	45.3567	-0.010313
1.4371	89.8173	100.227	708.95	1061.65	16.8548	8.58584	45.4061	-0.010313
1.4381	89.5435	100.775	719.23	1082	16.72	8.58219	45.5541	-0.010313
1.4391	89.4067	99.9526	744.815	1104.54	16.8018	8.55719	45.3567	-0.012813
1.4401	89.9542	99.9526	744.015	1128.85	16.7322	8.52844	45.11	-0.009688
1.4411	90.091	99.4044	736.819	1142.51	16.6181	8.50594	44.7646	-0.011563
1.4421	89.9542	100.384	741.845	1120.11	16.5936	8.54406	44.0737	-0.010625
1.4431	89.9542	100.09	736.691	1088.26	16.7322	8.58969	44.5178	-0.011563
1.4441	88.9961	99.9526	723.342	1094.43	16.4632	8.57813	44.2711	-0.010313
1.4451	89.8173	100.227	731.908	1087.88	16.4754	8.57908	43.8764	-0.009083
1.4461	90.091	99.9526	749.041	1090.88	16.3328	8.57158	43.7777	-0.010313
1.4471	89.8173	99.9526	748.241	1103.17	16.292	8.56856	43.3829	-0.01126
1.4481	89.8173	99.9526	739.56	1109.73	16.0964	8.58437	43.2842	-0.009688
1.4491	90.091	100.09	742.073	1109.46	15.9089	8.55781	43.0868	-0.010313
1.4501	89.8173	99.6785	744.243	1092.38	16.1942	8.55281	42.9882	-0.010313
1.4511	89.9542	100.09	737.048	1092.25	16.3002	8.54844	42.8401	-0.010313
1.4521	90.091	100.227	742.987	1082.14	16.8589	8.55582	42.398	-0.011875
1.4531	90.7755	99.4044	749.84	1082.69	16.6915	8.55582	42.2973	-0.013125
1.4541	89.5435	100.09	751.325	1097.98	16.8993	8.55719	42.7908	-0.0125
1.4551	89.5435	100.09	752.01	1146.88	16.8749	8.55813	43.3829	-0.010313

1.4561	89.5435	99.9526	761.719	1109.18	17.0628	6.56562	42.9388	-0.009063
1.4571	89.9542	99.9526	744.128	1069.44	17.2947	6.56376	43.3336	-0.010313
1.4581	89.2698	99.9526	728.367	1089.24	17.2132	6.56969	43.3336	-0.011563
1.45911	90.091	99.9526	756.922	1103.99	17.3233	6.55806	43.1855	-0.010313
1.46011	90.091	99.9526	771.541	1101.26	17.0991	6.55344	43.6296	-0.010313
1.46111	89.8173	100.227	755.551	1143.6	17.1398	6.55344	43.9751	-0.010938
1.46211	89.9542	99.9526	760.12	1154.26	17.0828	6.53844	44.4685	-0.010313
1.46311	90.091	99.9526	770.628	1139.23	17.2132	6.50469	45.11	-0.01125
1.46411	89.9542	99.9526	757.378	1132.81	17.0339	6.47719	45.1593	-0.010313
1.46511	89.9542	100.227	751.896	1118.74	16.9931	6.47094	45.5541	-0.012188
1.46611	90.091	100.09	764.803	1092.25	16.8219	6.54906	46.0475	-0.010938
1.46711	89.9542	99.9526	771.313	1079.82	16.6548	6.54719	45.2067	-0.012813
1.46811	90.091	100.775	763.66	1084.33	16.4306	6.54688	44.2218	-0.010625
1.46911	89.9542	99.9526	763.66	1108.36	16.3491	6.53906	43.5803	-0.010938
1.47011	90.091	100.227	775.653	1079.82	16.0638	6.53969	42.6921	-0.012188
1.47111	89.8173	99.9526	763.775	1094.71	15.7285	6.53719	42.1	-0.01125
1.47211	89.8173	100.227	765.831	1125.16	15.7703	6.53687	42.1493	-0.012188
1.47311	89.8173	100.227	787.76	1096.62	15.8722	6.53489	41.6085	-0.010313
1.47411	89.8173	99.9526	779.537	1098.87	15.9659	6.52908	41.5572	-0.010313
1.47511	90.6386	100.775	775.539	1113.42	16.1453	6.52531	41.4091	-0.008438
1.47611	90.091	99.9526	787.989	1096.35	16.076	6.52281	41.1131	-0.011875
1.47711	89.8173	99.9526	786.847	1078.04	16.2105	6.52062	41.4091	-0.012813
1.47811	90.091	99.9526	773.826	1091.29	16.2023	6.51719	41.3104	-0.01125
1.47911	90.2279	99.4044	782.649	1083.84	16.2961	6.51906	41.3104	-0.010938
1.48011	89.8173	99.9526	792.443	1081.59	16.1697	6.52219	41.2117	-0.012188
1.48111	90.091	100.227	787.632	1080.76	16.2186	6.51969	41.4091	-0.010938
1.48211	89.8173	99.9526	784.791	1086.51	16.2349	6.51969	41.5078	-0.011875
1.48311	89.9542	99.9526	790.045	1096.53	16.133	6.51844	41.4091	-0.011563
1.48411	90.091	99.9526	794.385	1082.41	16.0474	6.51781	41.6085	-0.009063
1.48511	90.3648	99.9526	784.582	1098.8	15.9416	6.52094	41.6085	-0.010625
1.48611	89.9542	99.9526	789.359	1096.62	15.811	6.51406	41.5078	-0.010313
1.48711	90.091	99.9526	796.689	1069.3	15.9802	6.49531	41.7545	-0.012188
1.48811	90.091	100.364	784.334	1071.76	15.542	6.46438	42.1493	-0.010313
1.48911	90.091	100.09	785.362	1087.6	15.4686	6.43781	41.6559	-0.012813
1.49011	89.9542	99.9526	800.096	1077.5	15.2404	6.46594	42.1986	-0.00875
1.49111	90.091	100.227	795.641	1082.89	15.4523	6.51594	42.1986	-0.011563
1.49211	89.6804	99.9526	792.558	1084.87	15.7499	6.49469	42.396	-0.010313
1.49311	90.091	99.9526	799.411	1072.58	15.7132	6.49594	42.4947	-0.010313
1.49411	89.6804	99.9526	802.495	1073.4	15.97	6.49126	42.1986	-0.010625
1.49511	90.091	100.227	801.923	1077.77	16.1493	6.49156	42.1	-0.010625
1.49611	90.2279	99.9526	805.007	1075.72	16.2023	6.48969	41.4091	-0.010313
1.49711	90.091	100.227	810.832	1070.67	16.3572	6.48719	41.6085	-0.01125
1.49811	90.091	100.09	808.32	1072.85	16.4632	6.47969	41.5078	-0.012188
1.49911	89.9542	100.227	806.606	1073.26	16.504	6.47844	41.6085	-0.010313
1.50011	90.091	99.4044	809.233	1071.21	16.6059	6.47844	41.2117	-0.010313
1.50111	89.8173	99.9526	808.891	1069.3	16.5447	6.47281	41.1131	-0.011563
1.50211	89.8173	99.9526	807.292	1067.94	16.7159	6.47344	40.6196	-0.010313
1.50311	89.8173	99.9526	806.949	1063.7	16.5243	6.46781	40.9157	-0.010313
1.50411	90.091	99.4044	809.462	1068.48	16.7078	6.46375	40.7183	-0.011563
1.50511	89.5435	99.9526	811.175	1064.11	16.5855	6.45937	40.9157	-0.009375
1.50611	90.091	99.9526	808.548	1065.2	16.4714	6.45781	40.7183	-0.010938
1.50711	89.9542	99.9526	808.776	1060.97	16.5203	6.46312	40.866	-0.012188

1.50811	90.091	99.9528	810.604	1063.02	16.3328	6.47166	41.3104	-0.00875
1.50911	89.6804	100.501	810.147	1057.28	16.2105	6.46969	41.2611	-0.011875
1.51011	90.091	99.9528	808.891	1045.87	15.9822	6.47281	41.8532	-0.010938
1.51111	89.9542	100.227	806.849	1036.84	15.3464	6.46937	41.5078	-0.01125
1.51211	90.091	100.09	816.315	1076.95	15.1815	6.45082	41.8039	-0.012188
1.51311	90.091	99.9528	818.599	1098.94	15.0447	6.41719	42.1	-0.010313
1.51411	89.5435	100.227	817.229	1100.72	15.2869	6.39437	42.5441	-0.011563
1.51511	89.9542	100.227	816.772	1085.69	15.3853	6.42969	43.4816	-0.010313
1.51611	90.091	99.9528	814.487	1085.81	15.3708	6.46844	43.679	-0.010313
1.51711	89.8173	99.8785	812.203	1046.22	15.5298	6.44969	43.679	-0.011563
1.51811	90.5017	99.8155	810.718	1037.34	15.485	6.44875	43.7777	-0.009888
1.51911	89.5435	100.364	815.401	1042.84	15.5502	6.44281	42.9882	-0.008438
1.52011	89.9542	99.9528	816.772	1047.18	15.5502	6.44219	42.4947	-0.012813
1.52111	90.7755	99.9528	814.031	1052.64	15.5094	6.44844	42.2973	-0.010313
1.52211	89.9542	100.227	810.832	1055.82	15.5583	6.44812	41.8559	-0.010825
1.52311	90.3848	100.09	811.289	1057.01	15.485	6.44094	41.4091	-0.012813
1.52411	89.9542	99.9528	811.832	1058.33	15.4442	6.43969	41.3104	-0.010313
1.52511	89.8173	100.364	812.86	1066.37	15.3464	6.43719	41.3104	-0.010938
1.52611	89.8173	100.227	815.173	1069.74	15.2811	6.43781	41.4091	-0.010313
1.52711	89.8173	100.227	817.685	1067.66	15.1589	6.43531	41.5572	-0.010938
1.52811	89.9542	100.09	816.658	1076.13	14.9877	6.4375	41.6065	-0.012813
1.52911	89.8173	99.9528	814.487	1049.36	14.9832	6.43469	42.399	-0.010938
1.53011	89.9542	99.9528	802.152	933.849	14.7309	6.43469	42.4454	-0.009083
1.53111	89.9542	99.9528	786.973	945.968	14.5597	6.42969	42.3467	-0.014083
1.53211	89.8173	99.9528	792.329	916.74	14.417	6.42906	42.396	-0.010313
1.53311	88.9981	100.364	812.86	886.194	14.2377	6.42906	41.2611	-0.010825
1.53411	89.9542	100.09	785.964	892.836	14.148	6.43219	40.4222	-0.01125
1.53511	89.9542	100.364	793.357	895.286	14.2214	6.43219	38.9419	-0.010313
1.53611	89.2898	99.9528	809.482	904.857	14.5148	6.42906	37.807	-0.010938
1.53711	90.091	100.364	818.699	1006.75	14.523	6.40969	38.4747	-0.009083
1.53811	89.8173	100.364	852.408	1109.59	14.8534	6.38219	35.4384	-0.010938
1.53911	89.5435	99.9528	878.449	1078.95	14.7835	6.35887	34.6982	-0.010938
1.54011	90.091	100.227	848.753	1045.26	14.7961	6.35658	34.5996	-0.010313
1.54111	90.091	100.227	822.483	1018.22	14.9306	6.42468	34.5502	-0.007813
1.54211	89.9542	100.364	834.361	972.802	14.9714	6.40469	34.8956	-0.011875
1.54311	89.9542	99.9528	844.184	971.236	15.0203	6.40687	35.6358	-0.011563
1.54411	89.9542	99.9528	839.158	984.348	15.1426	6.39969	36.2279	-0.010313
1.54511	90.091	99.9528	836.303	981.889	15.167	6.39656	36.2773	-0.011563
1.54611	89.5435	99.9528	825.224	955.392	15.1589	6.38281	37.1656	-0.010313
1.54711	88.9981	99.9528	799.411	948.924	15.2648	6.38781	37.0688	-0.010938
1.54811	89.8173	99.9528	794.271	937.773	15.2404	6.38469	37.6096	-0.011563
1.54911	89.9542	100.227	812.888	940.915	15.2852	6.38469	37.3135	-0.010825
1.55011	90.9124	100.09	824.082	982.221	15.3056	6.38156	37.2642	-0.010313
1.55111	89.8173	99.9528	819.97	978.884	15.2404	6.37719	37.1656	-0.011563
1.55211	89.8173	99.9528	816.658	971.236	15.2241	6.37969	37.2642	-0.010313
1.55311	89.9542	99.9528	808.32	960.309	15.11	6.37594	36.8201	-0.011563
1.55411	88.9981	99.9528	800.096	949.858	14.7023	6.37156	37.0688	-0.010938
1.55511	90.091	99.9528	802.609	937.773	14.4741	6.37375	36.672	-0.010938
1.55611	89.9542	99.9528	813.345	938.729	14.5801	6.37582	36.8894	-0.010313
1.55711	89.9542	100.501	821.34	937.837	14.1806	6.37187	36.672	-0.010313
1.55811	90.3848	100.227	815.858	884.838	14.4741	6.36781	36.672	-0.009888
1.55911	89.8173	100.227	779.651	844.761	14.8453	6.36584	36.9881	-0.009083

1.56011	89.9542	99.8155	773.712	840.117	14.6634	8.36281	38.9188	-0.009083
1.56111	89.8173	99.9526	794.613	811.025	14.7064	8.33906	38.672	-0.010313
1.56211	88.9961	100.227	793.014	805.162	14.8002	8.29781	36.2773	-0.010313
1.56311	89.6804	100.227	787.418	815.396	14.7513	8.25469	35.5371	-0.0075
1.56411	90.091	100.912	795.527	822.634	14.9551	8.19844	34.7989	-0.01125
1.56511	89.8173	99.9526	807.634	830.283	14.8206	8.15666	34.0566	-0.010313
1.56611	89.2698	99.9526	807.177	836.839	14.6697	8.12644	33.7114	-0.010938
1.56711	89.9542	99.9526	809.233	834.654	14.7613	8.18261	32.2604	-0.010313
1.56811	89.8173	99.9526	816.543	826.732	14.8657	8.17469	31.7376	-0.010313
1.56911	89.6804	99.9526	814.944	819.356	14.5393	8.16187	31.1454	-0.011563
1.57011	89.8173	99.9526	806.035	811.025	14.5719	8.14844	30.5533	-0.010313
1.57111	90.3648	99.9526	804.893	802.83	14.4333	8.14064	30.1585	-0.010625
1.57211	90.091	99.8155	807.52	797.776	14.1725	8.14719	30.0596	-0.012188
1.57311	89.2698	100.364	801.238	793.816	14.1439	8.13489	29.9612	-0.009688
1.57411	89.8173	99.9526	793.014	789.581	14.0257	8.12489	29.9118	-0.009063
1.57511	89.9542	99.9526	790.159	784.118	13.8056	8.11406	29.6625	-0.010938
1.57611	89.4067	100.364	789.131	778.928	13.7078	8.10969	30.0696	-0.013125
1.57711	88.9961	100.364	785.993	776.743	13.5366	8.11719	29.6171	-0.011563
1.57811	90.2279	99.9526	783.783	775.104	13.3287	8.10656	29.6131	-0.010313
1.57911	89.8173	100.227	784.334	772.645	13.1779	8.10063	29.9118	-0.011875
1.58011	89.9542	100.227	780.907	769.641	13.0601	8.09281	29.7638	-0.01125
1.58111	90.091	99.9526	775.539	769.094	12.9866	8.08344	29.7638	-0.011563
1.58211	89.8173	100.09	775.425	766.499	13.0067	8.08344	29.5664	-0.009688
1.58311	89.1329	100.227	774.168	762.538	12.9904	8.07594	29.4677	-0.010313
1.58411	90.091	99.9526	772.227	755.299	13.3939	8.07989	29.369	-0.010938
1.58511	89.4067	99.9526	768.229	752.704	13.4591	8.07188	29.5664	-0.009063
1.58611	89.5435	99.9526	765.031	753.524	13.614	8.06594	29.1223	-0.010938
1.58711	90.2279	100.364	764.232	749.428	13.7241	8.06719	28.7769	-0.012613
1.58811	90.6386	99.9526	764.48	751.202	13.8545	8.06312	29.1716	-0.010313
1.58911	90.091	100.501	765.602	774.284	13.9931	8.06281	28.7769	-0.010938
1.59011	90.091	99.6786	790.222	778.928	14.0176	8.05781	28.6782	-0.009688
1.59111	90.091	99.9526	787.989	781.25	14.0826	8.02594	28.7769	-0.01125
1.59211	89.8173	99.8155	785.704	778.47	14.1888	8.00582	28.9249	-0.010938
1.59311	90.3648	100.227	778.851	784.45	14.1684	5.97989	29.073	-0.010938
1.59411	90.6386	99.9526	771.085	751.612	14.1726	8.04156	29.073	-0.011563
1.59511	89.8173	99.6786	782.518	742.188	14.2091	8.04344	28.9249	-0.012813
1.59611	90.091	99.9526	756.008	730.578	14.2336	8.03094	29.3197	-0.009688
1.59711	90.091	100.364	749.497	731.124	14.2254	8.0325	29.4184	-0.011563
1.59812	90.091	99.4044	748.698	759.67	14.2132	8.02406	29.5664	-0.011875
1.59912	90.091	100.09	762.861	730.851	14.1562	8.02406	29.0236	-0.012188
1.60012	89.8173	100.227	748.928	725.115	14.0826	8.01563	28.9743	-0.012188
1.60112	89.9542	100.501	737.505	731.807	13.9442	8.01594	28.9743	-0.012188
1.60212	89.8173	100.227	745.5	739.046	13.5407	8.00344	29.0236	-0.01125
1.60312	89.8173	99.5414	759.092	743.826	13.5366	8.00219	29.1223	-0.009688
1.60412	89.8173	99.8155	765.488	755.982	13.3654	5.99531	29.2703	-0.010625
1.60512	89.9542	99.9526	770.828	772.645	13.2024	5.99594	30.2672	-0.010625
1.60612	90.091	100.501	780.585	779.611	13.451	5.99094	31.2441	-0.010313
1.60712	90.5017	100.227	779.537	779.201	13.4714	5.98937	31.8363	-0.009688
1.60812	89.9542	100.364	770.285	775.514	13.5121	5.98219	32.1817	-0.011875
1.60912	90.091	99.9526	767.201	769.094	13.6222	5.98219	32.9218	-0.011875
1.61012	90.091	100.227	768.343	767.728	13.6589	5.97989	33.2673	-0.010938
1.61112	89.9542	101.049	766.973	808.02	13.6793	5.97989	32.7245	-0.010313

1.61212	90.091	100.227	786.39	824.41	13.7404	5.97813	32.5764	-0.009063
1.61312	90.091	100.227	798.268	820.995	13.7526	5.97531	32.083	-0.012813
1.61412	90.091	99.9526	783.306	817.444	13.7608	5.96812	31.6389	-0.011563
1.61512	89.6804	101.049	763.318	808.293	13.8874	5.98489	31.5895	-0.011563
1.61612	90.091	100.227	753.381	790.128	13.7037	5.95906	31.0467	-0.011563
1.61712	90.091	100.227	748.241	788.909	13.6793	5.95906	31.3922	-0.011563
1.61812	90.091	99.9526	741.818	744.509	13.5488	5.94594	31.3922	-0.011875
1.61912	90.091	99.9526	733.184	738.588	13.6263	5.91969	31.3428	-0.0125
1.62012	89.8173	99.9526	731.565	770.187	13.4632	5.89219	31.3428	-0.010625
1.62112	89.9542	99.9526	749.155	777.288	13.5121	5.88406	31.5402	-0.011563
1.62212	90.2279	99.9526	752.681	783.299	13.4795	5.94888	31.1948	-0.010938
1.62312	90.091	100.364	750.754	798.696	13.2839	5.94158	31.4415	-0.012813
1.62412	90.091	100.364	759.32	814.186	13.3532	5.93344	31.7376	-0.010625
1.62512	90.091	100.227	771.898	822.361	13.2024	5.93094	32.1617	-0.011563
1.62612	89.9542	100.501	779.537	823.59	13.1046	5.89082	33.1192	-0.012188
1.62712	89.8173	100.227	780.879	821.542	13.1779	5.92781	33.9087	-0.0125
1.62812	89.9542	99.9526	777.024	815.942	12.9089	5.92719	34.4022	-0.010625
1.62912	89.9542	99.9526	789.257	839.024	12.9537	5.92344	34.5009	-0.011563
1.63012	90.9124	99.9526	774.511	872.077	12.884	5.91844	34.5009	-0.012188
1.63112	90.091	99.9526	802.38	881.424	12.7132	5.91594	34.7989	-0.012188
1.63212	90.091	100.09	805.35	850.497	12.8314	5.91489	35.4384	-0.010938
1.63312	89.9542	100.501	786.961	843.395	12.9741	5.91281	34.9943	-0.011875
1.63412	89.9542	100.227	787.201	827.861	13.235	5.91187	35.1917	-0.010938
1.63512	89.9542	99.9526	753.609	803.24	13.2105	5.90989	35.093	-0.012188
1.63612	89.8173	100.227	741.274	773.738	13.3248	5.90989	35.0437	-0.010313
1.63712	89.8173	100.227	790.195	788.772	13.3409	5.90937	35.0437	-0.012813
1.63812	90.091	99.8155	731.337	802.557	13.5284	5.90562	34.9943	-0.010625
1.63912	89.2898	99.9526	746.87	805.971	13.504	5.90844	34.8982	-0.01125
1.64012	90.091	99.5414	741.388	815.532	13.4755	5.90844	34.4022	-0.008438
1.64112	90.091	99.9526	736.382	824.547	13.5774	5.90469	33.6127	-0.013438
1.64212	89.9542	99.9526	745.043	825.639	13.5203	5.90594	33.9087	-0.013125
1.64312	90.091	100.775	753.267	822.088	13.5284	5.90469	33.3166	-0.012813
1.64412	89.9542	99.9526	753.609	820.449	13.5447	5.90219	32.7245	-0.011563
1.64512	89.9542	100.912	754.637	814.713	13.4877	5.90656	32.7245	-0.011563
1.64612	89.5435	100.227	758.635	817.171	13.4469	5.89781	32.1323	-0.010938
1.64712	90.2279	100.364	760.577	862.926	13.3491	5.87969	31.7889	-0.010313
1.64812	89.8173	99.9526	771.77	868.204	13.3002	5.85531	31.1454	-0.011875
1.64912	90.091	99.9526	764.46	851.863	13.2796	5.83469	30.5533	-0.011563
1.65012	89.9542	99.8155	743.901	830.283	12.9883	5.84562	30.3088	-0.012188
1.65112	89.9542	99.9526	730.195	801.737	13.0026	5.90489	30.2572	-0.012188
1.65212	90.091	100.227	724.826	756.382	12.8562	5.88658	29.5884	-0.012813
1.65312	90.5017	99.8785	717.859	719.925	12.9526	5.89219	30.1082	-0.014063
1.65412	89.8173	100.227	708.036	711.73	12.9219	5.8925	30.3559	-0.010313
1.65512	89.9542	100.775	709.635	751.812	12.3179	5.89219	30.1585	-0.010313
1.65612	90.091	100.227	733.279	758.577	12.3831	5.89158	30.1082	-0.009375
1.65712	89.9542	100.227	730.88	767.582	12.4687	5.88687	29.8625	-0.010938
1.65812	90.3648	99.9526	720.258	779.811	12.648	5.88489	29.5884	-0.012188
1.65912	89.9542	99.9526	728.997	783.982	12.7784	5.88344	29.7144	-0.012188
1.66012	90.091	100.227	739.104	780.977	12.7703	5.88344	29.8625	-0.010313
1.66112	89.9542	100.09	742.416	772.845	12.8763	5.88344	29.7838	-0.010313
1.66212	90.091	100.227	741.502	748.968	13.0984	5.87906	29.9612	-0.010313
1.66312	90.091	99.9526	732.022	760.08	12.9888	5.88219	28.9743	-0.014063

1.86412	89.8804	100.227	738.19	789.855	13.0882	5.88408	28.6861	-0.010838
1.86512	90.091	99.9526	745.842	780.43	13.3206	5.88219	29.369	-0.011875
1.86612	90.2279	99.9526	731.585	782.208	13.3165	5.87906	28.5795	-0.011875
1.86712	89.8173	100.227	725.854	818.078	13.2798	5.88156	28.3821	-0.010938
1.86812	89.9542	99.9526	739.104	789.172	13.3854	5.87489	27.9874	-0.010838
1.86912	89.8173	99.9526	725.74	741.505	13.4308	5.87781	27.8867	-0.010313
1.87012	89.9542	99.9526	688.158	716.92	13.4082	5.88125	27.4839	-0.013125
1.87112	90.3848	100.636	692.046	720.188	13.4225	5.88094	27.7406	-0.011563
1.87212	89.9542	100.227	714.433	718.651	13.4308	5.87869	27.8393	-0.011563
1.87312	89.8173	100.09	715.575	710.091	13.4102	5.87719	27.4839	-0.010938
1.87412	90.091	99.9526	696.158	713.642	13.3572	5.87594	27.1485	-0.011563
1.87512	89.9542	99.9526	696.843	717.739	13.3409	5.86281	27.4446	-0.013438
1.87612	89.4087	99.5414	708.036	739.888	13.2678	5.83781	27.938	-0.010938
1.87712	89.9542	100.227	716.032	745.875	13.2513	5.81938	27.8393	-0.010838
1.87812	89.8173	100.227	716.032	750.519	13.129	5.80219	28.3328	-0.010938
1.87912	89.8173	99.9526	720.715	756.938	13.0556	5.83158	28.6289	-0.010938
1.88012	89.8173	100.384	725.397	807.337	13.0189	5.88156	28.7275	-0.012813
1.88112	90.091	100.601	735.22	817.991	12.7499	5.88408	28.7769	-0.012813
1.88212	89.5435	99.6785	729.052	808.43	12.6888	5.86469	28.7769	-0.012813
1.88312	88.9881	99.9526	711.006	800.781	12.7948	5.86469	29.221	-0.012813
1.88412	90.091	100.09	701.183	777.835	12.8783	5.86375	29.7638	-0.010313
1.88512	89.8173	100.09	692.86	739.456	12.9089	5.85906	29.7638	-0.014083
1.88612	89.6804	100.384	681.081	707.498	13.0597	5.85781	31.0487	-0.011563
1.88712	89.8173	100.384	672.857	701.486	13.1208	5.85844	32.379	-0.01125
1.88812	89.5435	100.227	679.71	742.324	13.1779	5.85969	32.4284	-0.011563
1.88912	89.8173	100.384	696.957	751.812	13.2431	5.85719	32.5271	-0.010938
1.89012	88.9881	99.6785	687.02	771.279	13.3246	5.85469	32.9218	-0.010938
1.89112	89.8173	99.9526	676.969	768.489	13.2839	5.85063	32.5784	-0.011875
1.89212	89.2088	99.6785	685.892	798.137	13.3369	5.85281	32.6751	-0.010313
1.89312	89.5435	99.5414	694.787	796.957	13.396	5.85582	32.6258	-0.010938
1.89412	89.8173	99.9526	696.158	792.45	13.3083	5.85437	32.7245	-0.012813
1.89512	89.8173	99.8155	697.985	784.255	13.3491	5.85658	32.8725	-0.012188
1.89612	90.091	100.384	702.782	815.689	13.3899	5.85084	32.4777	-0.008438
1.89712	89.5435	99.8155	710.206	850.497	13.2187	5.85031	32.231	-0.012813
1.89812	89.2898	99.9526	708.283	851.453	13.2757	5.85156	31.9348	-0.011563
1.89912	90.2279	99.9526	694.102	844.214	13.3532	5.85344	31.4415	-0.012813
1.70012	89.9542	100.227	683.822	818.537	13.2431	5.85281	31.4415	-0.011875
1.70112	90.091	100.384	679.71	781.798	13.0515	5.84906	31.5402	-0.012188
1.70212	89.5435	99.9526	671.829	739.319	12.9089	5.85063	31.7378	-0.012813
1.70312	90.091	100.09	661.684	714.481	12.9859	5.85084	32.0338	-0.011563
1.70412	90.091	100.227	659.836	748.148	12.9863	5.83489	32.4284	-0.010938
1.70512	89.9542	100.384	679.025	785.27	12.8358	5.80869	32.4284	-0.00875
1.70612	90.091	100.227	677.654	781.113	12.2587	5.78906	32.3297	-0.010938
1.70712	89.9542	100.227	663.377	805.971	12.3382	5.78781	32.2804	-0.012188
1.70812	90.091	100.227	668.69	815.689	12.3666	5.80844	32.4284	-0.012188
1.70912	89.5435	99.9526	679.368	819.083	12.0448	5.85489	33.0205	-0.011563
1.71012	90.091	99.4044	682.337	819.083	12.3831	5.83781	33.1192	-0.011563
1.71112	89.6804	100.227	682.452	811.881	12.8355	5.84344	33.514	-0.012813
1.71212	89.6804	99.9526	685.65	827.961	12.7336	5.83989	34.0074	-0.011563
1.71312	89.5435	99.9526	691.589	873.989	12.3464	5.84219	33.7114	-0.01125
1.71412	90.091	100.227	695.701	878.908	12.4564	5.83875	33.6127	-0.010938
1.71512	89.9542	100.384	683.708	877.267	12.9986	5.83875	33.514	-0.011875

1.71612	90.091	99.9526	673.314	855.141	12.8763	5.83687	33.4153	-0.012813
1.71712	90.091	100.501	671.258	817.854	12.595	5.83406	33.4646	-0.012813
1.71812	89.8173	99.9526	667.832	776.65	12.807	5.83281	33.6127	-0.007813
1.71912	89.9542	99.9526	656.981	742.87	12.8274	5.83469	34.0568	-0.012813
1.72012	89.8173	100.09	653.086	763.085	12.6725	5.83562	34.1061	-0.011563
1.72112	89.5435	99.9526	670.116	790.264	12.4667	5.83312	34.1061	-0.011875
1.72212	90.091	100.227	674.799	805.152	12.8722	5.83719	33.9067	-0.011563
1.72312	89.9542	99.5414	682.121	832.059	13.1005	5.83594	33.9067	-0.013438
1.72412	89.8804	100.227	682.806	841.766	12.648	5.83469	33.8594	-0.010938
1.72512	89.8173	100.09	673.999	842.849	12.3179	5.83281	33.7114	-0.010625
1.72612	90.2279	100.227	677.54	843.258	12.754	5.83281	34.1081	-0.011563
1.72712	90.3648	99.9526	677.769	837.658	12.8763	5.83344	34.3035	-0.011875
1.72812	89.8173	99.2673	681.309	839.024	12.3423	5.83594	34.4515	-0.012188
1.72912	89.8173	99.9526	686.107	868.74	12.326	5.84156	34.7478	-0.010313
1.73012	89.8173	100.227	690.218	886.282	12.7662	5.83938	34.3035	-0.012813
1.73112	89.5435	100.364	676.512	845.58	12.4035	5.83989	34.6982	-0.0125
1.73212	89.9542	99.9526	655.725	841.758	12.0325	5.84156	33.81	-0.011875
1.73312	89.8804	99.9526	664.862	793.133	12.2241	5.83687	33.6127	-0.010313
1.73412	89.9542	99.9526	664.519	750.519	12.2975	5.81281	33.7607	-0.009688
1.73512	89.8173	100.227	648.986	736.81	12.1344	5.79344	33.682	-0.012813
1.73613	89.9542	99.9526	652.07	791.903	12.2975	5.77344	33.514	-0.012188
1.73713	90.091	99.9526	684.393	825.912	12.2975	5.79167	33.1192	-0.010313
1.73813	89.9542	100.227	686.107	832.741	12.5502	5.84968	32.6751	-0.01125
1.73913	89.8173	100.227	658.608	851.317	12.7784	5.83094	32.5271	-0.010625
1.74013	89.8173	99.9526	683.263	845.853	12.6154	5.83344	32.5271	-0.008125
1.74113	89.9542	99.4044	681.769	829.737	12.754	5.83219	32.4777	-0.012188
1.74213	90.091	100.364	681.195	832.332	12.8437	5.83437	33.1182	-0.011563
1.74313	89.5435	99.9526	678.568	833.288	12.5094	5.83219	33.2673	-0.010938
1.74413	89.8173	99.8155	688.848	831.922	12.8111	5.83344	33.7114	-0.011563
1.74513	89.5435	100.09	687.477	883.823	13.2513	5.83281	33.6594	-0.01125
1.74613	89.5435	100.364	685.764	911.823	12.7581	5.82937	33.81	-0.01125
1.74713	89.8173	99.9526	685.421	904.584	12.5787	5.82844	33.514	-0.014083
1.74813	89.9542	100.09	678.682	889.013	13.1371	5.82469	32.9218	-0.0125
1.74913	90.091	100.227	675.256	857.599	12.9741	5.82281	32.3297	-0.013125
1.75013	89.8173	100.227	670.573	805.698	12.595	5.82281	32.4777	-0.011563
1.75113	89.8173	99.6785	662.235	764.724	12.8274	5.82469	31.8349	-0.010313
1.75213	89.9542	100.09	653.44	750.382	12.8967	5.82656	31.6882	-0.012188
1.75313	89.8173	99.9526	660.065	784.528	12.4646	5.82406	31.9349	-0.012188
1.75413	89.5435	100.09	676.512	795.864	12.3219	5.82469	31.4908	-0.012188
1.75513	90.091	99.5414	673.885	823.454	12.6843	5.82531	31.2441	-0.010313
1.75613	90.091	99.4044	672.4	848.585	12.5176	5.82469	31.1454	-0.010313
1.75713	90.091	100.227	685.079	858.555	12.1874	5.82344	30.9481	-0.012813
1.75813	89.8173	99.9526	691.932	869.785	12.1426	5.82594	31.5402	-0.011563
1.75913	90.2279	100.227	689.533	854.458	12.167	5.82281	32.0336	-0.012188
1.76013	90.091	99.9526	691.817	844.351	11.8491	5.82437	32.4284	-0.011563
1.76113	89.9542	99.9526	696.366	889.819	11.8535	5.82406	33.1192	-0.010938
1.76213	89.8173	99.9526	704.838	908.954	11.8002	5.82156	33.3658	-0.009683
1.76313	90.091	99.9526	708.209	913.325	11.4904	5.80489	33.3166	-0.011875
1.76413	89.2688	100.364	692.731	911.823	11.3518	5.78094	33.514	-0.010625
1.76513	90.091	99.5414	685.079	884.096	11.5393	5.75969	33.2179	-0.014083
1.76613	89.8173	100.227	680.396	842.985	11.735	5.75844	33.3166	-0.010938
1.76713	89.8173	100.501	672.286	800.372	11.5189	5.82594	33.3166	-0.012813

1.78813	90.091	99.9526	888.918	773.738	11.7024	5.81887	33.7807	-0.011563
1.78813	90.3648	99.9526	670.23	803.24	11.9877	5.81844	34.0588	-0.011563
1.77013	90.091	99.8785	688.533	824.82	11.7187	5.81719	34.0588	-0.012188
1.77113	88.9881	100.364	690.447	848.873	11.7554	5.81856	34.0074	-0.010825
1.77213	89.5435	100.227	680.738	870.711	12.1018	5.81468	33.7114	-0.010313
1.77313	90.091	99.9526	888.848	878.36	11.898	5.81344	33.9087	-0.009888
1.77413	90.7755	99.9526	699.127	878.833	11.8854	5.81281	34.1555	-0.012813
1.77513	89.8173	99.8785	701.64	877.267	12.1181	5.81094	34.8958	-0.01125
1.77613	90.3648	99.9526	705.295	887.433	12.0407	5.81408	34.945	-0.011583
1.77713	90.091	100.775	709.75	872.78	11.9306	5.80969	35.241	-0.012188
1.77813	89.5435	99.9526	714.204	924.252	12.0388	5.81375	35.5855	-0.010938
1.77913	89.9542	99.9526	719.915	932.993	11.9714	5.80989	35.241	-0.01125
1.78013	90.091	99.4044	708.493	938.817	11.9489	5.81125	34.8958	-0.011583
1.78113	90.091	99.9526	698.899	918.515	12.0121	5.80989	34.7969	-0.011875
1.78213	89.8173	100.227	697.3	882.731	11.8854	5.80908	34.5996	-0.011583
1.78313	90.2279	100.227	692.388	837.385	11.8858	5.80989	34.7969	-0.011583
1.78413	89.8173	99.9526	684.736	802.83	11.9102	5.81156	35.1917	-0.00875
1.78513	90.091	99.9526	681.081	807.81	11.7513	5.81219	35.5371	-0.011583
1.78613	90.091	100.227	695.13	841.073	11.7678	5.81094	35.8825	-0.010938
1.78713	89.9542	100.638	705.98	852.409	11.6983	5.81281	35.2904	-0.011875
1.78813	89.9542	100.227	698.615	881.092	11.5393	5.81281	34.9943	-0.010313
1.78913	90.091	99.8785	699.127	892.838	11.8412	5.81468	34.8958	-0.011875
1.79013	90.091	100.501	712.262	893.857	11.7227	5.81125	35.093	-0.011583
1.79113	89.5435	100.638	716.26	895.023	11.7961	5.81156	35.4878	-0.010938
1.79213	89.8173	100.501	718.544	886.467	11.8308	5.79719	35.5371	-0.010313
1.79313	89.9542	99.9526	723.227	880.272	12.0162	5.77219	36.0306	-0.011583
1.79413	90.3648	99.8785	728.311	922.066	12.1263	5.75408	35.9812	-0.01125
1.79513	89.8173	100.227	735.334	951.022	12.2323	5.73858	35.7345	-0.007813
1.79613	90.3648	99.9526	732.707	954.3	12.1589	5.77062	35.3397	-0.012813
1.79713	89.9542	99.9526	719.001	948.017	12.2893	5.82408	35.2904	-0.012188
1.79813	89.9542	99.9526	716.945	916.878	12.3708	5.80937	35.093	-0.012813
1.79913	89.6804	99.9526	713.29	871.394	12.2383	5.81594	35.093	-0.011583
1.80013	90.5017	100.364	703.468	815.942	12.485	5.81781	35.093	-0.010825
1.80113	89.8173	100.227	692.274	795.318	12.6113	5.81856	35.7345	-0.011583
1.80213	89.8173	100.227	699.47	808.108	12.0898	5.81531	35.6851	-0.013438
1.80313	90.091	100.09	714.661	808.249	12.1915	5.81219	35.8332	-0.010313
1.80413	89.8173	100.775	709.407	825.912	12.8233	5.81219	35.3397	-0.010313
1.80513	89.8173	99.9526	708.379	882.321	12.2383	5.80989	34.8483	-0.010313
1.80613	90.2279	99.8155	735.677	919.881	12.2119	5.80844	34.8489	-0.010938
1.80713	89.8173	100.227	748.812	924.115	12.5094	5.80719	34.8489	-0.01125
1.80813	90.091	100.227	734.078	928.076	12.1752	5.80531	34.8483	-0.010938
1.80913	89.8173	99.8155	735.449	912.779	12.0182	5.80989	34.945	-0.010938
1.81013	89.9542	99.8155	747.099	904.684	12.3382	5.80887	35.093	-0.010825
1.81113	89.5435	100.775	748.469	946.924	12.1344	5.80989	35.093	-0.010313
1.81213	89.4067	100.501	750.982	954.163	11.898	5.81031	35.1917	-0.011583
1.81313	89.6804	100.775	744.586	957.304	12.0285	5.81125	34.9943	-0.010938
1.81413	90.2279	99.9526	736.134	942.654	11.7839	5.81094	35.093	-0.011583
1.81513	89.9542	99.9526	726.311	910.047	11.6698	5.80989	35.4878	-0.012188
1.81613	89.6804	99.9526	716.717	863.882	11.7513	5.81437	35.2904	-0.012813
1.81713	89.9542	99.5414	714.869	825.366	11.5801	5.81582	35.5855	-0.007188
1.81813	90.091	99.5414	714.433	824.82	11.4986	5.81687	35.5855	-0.012813
1.81913	89.9542	100.227	725.74	851.883	11.1989	5.81531	35.4878	-0.010938

1.82013	89.8173	100.227	738.362	855.141	11.1603	5.81469	35.241	-0.012188
1.82113	89.8804	100.227	728.139	874.538	11.2622	5.81281	34.5009	-0.011683
1.82213	89.8804	100.227	729.852	883.004	11.3355	5.79344	34.4022	-0.012813
1.82313	89.8173	100.227	739.876	889.56	11.2948	5.78858	34.0588	-0.010313
1.82413	89.5435	100.364	748.013	898.847	11.4497	5.74584	34.3035	-0.011563
1.82513	90.091	100.364	755.323	907.179	11.4333	5.73438	34.5502	-0.009375
1.82613	89.8173	100.775	762.404	908.818	11.4007	5.80625	35.1917	-0.0125
1.82713	89.8173	99.9528	765.374	953.207	11.5801	5.80989	35.5371	-0.012813
1.82813	90.091	100.09	768.714	978.811	11.6127	5.80582	35.7839	-0.011875
1.82913	89.5435	99.9528	768.287	978.972	11.5518	5.80531	35.8358	-0.011583
1.83013	90.091	99.9528	751.439	989.48	11.6372	5.80584	36.2773	-0.012188
1.83113	89.8173	99.8155	748.489	939.278	11.6188	5.80281	36.524	-0.012188
1.83213	89.8173	100.227	746.185	894.75	11.5838	5.80312	36.8201	-0.011583
1.83313	89.8173	100.227	737.961	857.053	11.6675	5.80489	37.0888	-0.011583
1.83413	89.8173	99.5414	730.423	835.81	11.6698	5.80344	37.2642	-0.01125
1.83513	90.091	100.227	733.621	868.528	11.5882	5.79989	37.4615	-0.012188
1.83613	89.9542	99.9528	749.155	884.098	11.5882	5.79781	37.4122	-0.011583
1.83713	89.8804	100.501	745.5	908.135	11.5516	5.79808	37.2148	-0.0125
1.83813	89.8173	100.227	742.418	929.442	11.4988	5.79812	37.1855	-0.012188
1.83913	89.8173	99.8155	754.837	934.359	11.4741	5.79781	36.9188	-0.009688
1.84013	89.8804	100.364	762.176	936.134	11.3926	5.79781	36.9681	-0.010313
1.84113	89.5435	100.501	761.947	934.788	11.3111	5.79812	37.3135	-0.010625
1.84213	89.8173	100.09	765.831	925.071	11.2458	5.79989	38.1524	-0.010313
1.84313	89.8173	99.9528	770.171	931.9	11.1439	5.80158	38.1524	-0.011583
1.84413	89.8173	99.9528	773.369	982.438	11.1317	5.80344	38.2017	-0.012188
1.84513	89.8173	100.775	779.994	981.177	11.0013	5.79989	38.1524	-0.01125
1.84613	89.8173	100.09	771.541	988.094	10.9483	5.79989	38.0537	-0.012813
1.84713	89.8173	100.227	784.232	979.704	10.985	5.79989	37.4615	-0.013125
1.84813	90.091	99.9528	781.49	943.51	11.1032	5.80187	37.7576	-0.011583
1.84913	89.8173	99.5414	755.208	901.189	11.1317	5.79989	38.0537	-0.013438
1.85013	89.5435	99.4044	747.213	887.297	11.2785	5.80158	38.2511	-0.010938
1.85113	89.5435	100.364	745.043	887.16	11.3111	5.79989	38.5985	-0.012188
1.85213	89.2898	100.501	755.094	903.081	11.3388	5.78489	38.8432	-0.011583
1.85313	89.8173	100.227	784.917	914.984	11.4741	5.75594	39.0406	-0.011563
1.85413	90.3848	100.227	755.323	943.373	11.5383	5.73719	39.0406	-0.011583
1.85513	89.9542	99.9528	757.807	955.392	11.5383	5.73719	38.7939	-0.010313
1.85613	89.2898	100.364	768.572	955.885	11.6208	5.80344	38.8432	-0.010313
1.85713	89.8804	99.9528	771.77	957.578	11.8043	5.79781	39.0406	-0.010825
1.85813	89.8804	99.9528	773.369	951.568	11.7513	5.79719	39.4353	-0.012188
1.85913	89.8173	100.501	778.052	942.28	11.7187	5.79781	40.0275	-0.011563
1.86013	89.9542	99.9528	779.308	989.46	11.792	5.79594	39.9288	-0.012188
1.86113	89.9542	100.364	783.42	1010.57	11.8369	5.79582	40.0768	-0.010938
1.86213	90.2279	100.09	785.133	1013.3	11.7513	5.79656	39.3366	-0.011875
1.86313	90.091	99.9528	774.387	1016.31	11.898	5.79531	39.5834	-0.01125
1.86413	90.5017	99.8155	770.171	991.45	11.7798	5.79344	39.8821	-0.011583
1.86513	89.8173	99.9528	788.973	951.431	11.8491	5.78989	39.238	-0.011875
1.86613	89.9542	99.9528	780.12	911.14	11.8573	5.79281	39.7314	-0.011875
1.86713	89.8804	99.8155	754.837	882.184	11.7187	5.79312	40.1262	-0.013125
1.86813	89.5435	99.9528	765.323	898.847	11.8817	5.79219	40.4222	-0.012188
1.86913	89.8804	100.09	768.001	882.731	11.7678	5.79489	40.7678	-0.012813
1.87013	89.8804	100.227	768.748	888.286	11.8208	5.79312	40.4222	-0.010938
1.87113	89.8173	100.501	755.323	900.759	11.6045	5.79219	40.0768	-0.010313

1.87213	90.091	99.9528	769.486	883.823	11.6861	5.79312	39.9781	-0.010313
1.87313	89.5435	100.227	771.541	889.833	11.4415	5.78989	39.3366	-0.0125
1.87413	89.8904	99.9528	774.511	891.129	11.3926	5.79219	39.6327	-0.010938
1.87514	89.9961	99.9528	802.152	1000.33	11.0991	5.79344	39.9781	-0.013436
1.87614	89.8173	100.09	808.091	998.084	10.8382	5.79281	39.7314	-0.012188
1.87714	89.9542	100.384	782.735	1043.62	10.8058	5.79858	39.8301	-0.010938
1.87814	89.8173	100.227	787.304	1044.72	10.8219	5.79531	39.534	-0.010938
1.87914	89.8173	100.384	794.842	1016.99	10.7119	5.79688	39.5834	-0.012188
1.88014	89.2898	100.501	790.222	1012.48	10.8382	5.79806	39.6327	-0.011875
1.88114	89.9961	100.227	773.826	998.582	10.8219	5.80344	40.1282	-0.01125
1.88214	89.9542	100.912	777.024	940.841	10.8423	5.78531	40.5703	-0.012813
1.88314	89.2898	99.9528	784.232	911.14	10.879	5.75989	41.4091	-0.011563
1.88414	90.091	99.9528	747.327	895.023	10.8219	5.73989	41.5572	-0.014898
1.88514	89.5435	99.9528	752.81	918.652	10.9075	5.74594	42.0508	-0.012813
1.88614	89.8173	99.9528	774.188	927.256	10.8872	5.81437	42.0508	-0.012813
1.88714	89.8173	99.8155	772.341	945.831	10.9157	5.80344	41.2117	-0.009063
1.88814	90.091	100.09	788.115	951.295	10.9768	5.80406	40.7183	-0.011563
1.88914	90.091	99.9528	779.08	944.466	10.9687	5.79812	40.0768	-0.011563
1.89014	89.5435	100.227	783.42	942.28	10.9768	5.79812	39.7314	-0.010313
1.89114	89.9542	99.9528	781.836	947.47	10.9442	5.79469	39.6327	-0.012813
1.89214	89.8173	100.501	788.903	950.475	10.8179	5.79281	39.8794	-0.012813
1.89314	89.8173	99.8785	798.555	966.729	10.8097	5.78219	40.3236	-0.012188
1.89414	90.091	99.9528	798.383	1029.15	10.7526	5.78937	40.2742	-0.010313
1.89514	89.8173	100.227	808.149	1047.45	10.8304	5.78719	40.0768	-0.012813
1.89614	89.5435	100.384	798.889	1054.28	10.8997	5.78989	41.0144	-0.012188
1.89714	89.9542	99.5414	784.22	1039.94	10.867	5.78989	41.4091	-0.0125
1.89814	89.9542	99.9528	778.968	1002.39	10.9059	5.78469	41.6065	-0.01125
1.89914	90.091	99.9528	773.141	954.183	10.5122	5.78781	42.1	-0.012813
1.90014	89.8173	100.09	784.574	917.422	10.4225	5.78989	42.9882	-0.011563
1.90114	89.9961	100.227	781.719	908.954	10.5366	5.79156	43.1362	-0.011563
1.90214	90.091	99.9528	789.8	945.285	10.3813	5.79094	43.2842	-0.012813
1.90314	89.9542	99.9528	779.879	958.943	10.2513	5.79281	43.1855	-0.010313
1.90414	89.8904	100.227	770.399	987.079	10.288	5.79219	42.8895	-0.010313
1.90514	89.8173	100.501	771.085	1003.33	10.0638	5.79344	42.7908	-0.009063
1.90614	89.8173	99.9528	783.877	1003.47	10.0393	5.79219	42.1493	-0.012813
1.90714	89.8904	100.227	788.446	1004.84	10.1209	5.79406	42.9388	-0.012813
1.90814	89.8173	100.227	790.273	999.099	9.8826	5.79219	43.679	-0.011563
1.90914	90.091	99.9528	795.527	987.352	9.87629	5.79469	43.3829	-0.010313
1.91014	89.8173	99.9528	795.756	1003.47	10.0393	5.79812	43.9751	-0.012813
1.91114	90.3848	99.8155	796.555	1054.28	10.1249	5.78312	43.5803	-0.010313
1.91214	89.5435	100.227	801.923	1080.83	10.1983	5.75844	43.4816	-0.01125
1.91314	89.8173	100.227	793.7	1068.89	10.3084	5.73844	43.2349	-0.010825
1.91414	89.8904	100.384	787.532	1048.27	10.2676	5.71989	43.2842	-0.010313
1.91514	89.8173	100.384	784.582	1009.48	10.3165	5.73989	43.4816	-0.010825
1.91614	89.5435	99.9528	777.709	988.729	10.398	5.80469	43.5803	-0.011875
1.91714	89.5435	100.09	770.171	934.632	10.398	5.78658	43.9751	-0.011563
1.91814	90.091	100.227	788.572	937.91	10.504	5.79281	44.0737	-0.012813
1.91914	89.8173	100.501	778.188	971.782	10.5937	5.78908	44.6185	-0.012813
1.92014	89.5435	100.384	783.877	985.167	10.6059	5.78844	44.1231	-0.010313
1.92114	89.5435	99.9528	774.054	1013.3	10.5529	5.78719	44.0737	-0.010938
1.92214	89.9542	99.9528	778.395	1024.23	10.6181	5.78594	44.0737	-0.010938
1.92314	89.8904	99.9528	787.532	1029.55	10.6507	5.78344	43.8764	-0.010938

1.92414	89.9542	100.364	788.448	1025.05	10.8793	5.78489	44.8183	-0.00888
1.92514	89.8173	100.364	790.844	1017.81	10.8426	5.78158	44.8139	-0.01125
1.92614	89.9648	100.227	794.813	1006.81	10.7323	5.77489	45.258	-0.011875
1.92714	89.8173	99.9526	793.471	1032.29	10.6752	5.77688	45.5541	-0.012813
1.92814	89.8173	100.364	797.489	1078.13	10.6589	5.77844	44.9126	-0.010313
1.92914	90.091	99.6785	800.781	1081.46	10.716	5.78219	44.8833	-0.011875
1.93014	89.9542	100.09	791.187	1087.74	10.8263	5.77875	45.3567	-0.011583
1.93114	89.8173	100.227	786.39	1084.93	10.8507	5.77719	44.8859	-0.011583
1.93214	89.2688	99.9526	782.382	1025.8	10.8915	5.78187	45.0113	-0.012813
1.93314	89.8804	100.09	776.339	987.626	10.8181	5.77844	45.258	-0.01376
1.93414	89.8173	100.501	789.828	955.802	10.8874	5.77989	45.7515	-0.010313
1.93514	89.5435	100.364	789.257	967.138	10.8344	5.78344	46.1482	-0.010838
1.93614	90.2279	99.9526	781.821	996.23	10.394	5.78719	46.1482	-0.011583
1.93714	89.8173	100.227	785.248	1007.98	10.0149	5.78594	45.9488	-0.011875
1.93814	89.8804	99.9526	778.453	984.894	9.9089	5.78687	45.5541	-0.011583
1.93914	90.9648	99.9526	770.87	975.06	9.99042	5.78937	45.5541	-0.010313
1.94014	90.9648	99.9526	781.593	965.773	9.88445	5.78719	45.8502	-0.011875
1.94114	89.9542	100.501	792.101	945.558	9.57059	5.77989	46.0475	-0.012813
1.94214	88.9961	99.9526	788.674	948.017	9.7051	5.75281	45.9488	-0.0125
1.94314	89.9542	99.9526	792.101	1009.34	9.82738	5.73344	45.6034	-0.010838
1.94414	89.8173	100.227	814.83	1081.18	9.86407	5.71344	45.7021	-0.012188
1.94514	89.5435	100.227	821.34	1110	9.93743	5.72408	45.0113	-0.010838
1.94614	89.5435	99.6785	798.555	1107.82	9.75808	5.79594	44.5672	-0.011875
1.94714	89.4067	100.364	786.504	1085.96	9.81515	5.77719	44.4685	-0.011875
1.94814	89.5435	100.227	794.842	1048.13	9.85999	5.78125	44.6672	-0.011875
1.94914	89.9542	100.227	788.702	1012.78	9.75401	5.77844	45.11	-0.013438
1.95014	89.8173	99.9526	778.587	989.811	9.87629	5.78158	45.7021	-0.010313
1.95114	89.5435	100.227	775.311	960.856	9.9089	5.78281	45.9982	-0.012813
1.95214	88.9961	100.227	774.054	981.889	9.77439	5.78312	48.7384	-0.010838
1.95314	89.8804	99.9526	771.998	1012.48	9.82738	5.78437	48.8397	-0.01125
1.95414	89.5435	100.364	771.998	1020.68	9.82738	5.78594	46.4423	-0.012813
1.95514	89.8173	100.501	773.369	1029.58	9.74178	5.77781	46.1482	-0.010313
1.95614	89.8173	100.364	782.735	1024.23	9.77439	5.77594	45.3567	-0.010838
1.95714	89.8173	100.227	785.704	1013.85	9.80292	5.77489	45.3567	-0.011583
1.95814	89.5435	100.227	788.818	1011.53	9.72548	5.77688	45.4554	-0.010313
1.95914	90.091	99.9526	791.187	1013.85	9.71926	5.77625	45.1593	-0.00888
1.96014	89.8173	100.775	795.841	1010.03	9.70918	5.77858	44.7648	-0.012188
1.96114	89.8804	99.8155	792.443	1048.49	9.68879	5.77719	44.9619	-0.010313
1.96214	89.4067	100.227	797.355	1088.15	9.87657	5.77344	44.8859	-0.011583
1.96314	89.8173	99.9526	805.484	1088.26	9.86434	5.775	44.9619	-0.010838
1.96414	89.9542	100.227	797.812	1110.82	9.64803	5.77582	45.2087	-0.011583
1.96514	89.8804	100.364	790.958	1087.88	9.80727	5.77437	45.0606	-0.012188
1.96614	89.9542	99.9526	784.334	1047.72	9.56244	5.77531	45.8995	-0.01125
1.96714	89.5435	100.227	775.653	1008.8	9.55838	5.77582	46.7877	-0.012813
1.96814	89.5435	100.364	787.886	975.806	9.47684	5.77908	46.9357	-0.0125
1.96914	89.5435	100.227	787.43	990.494	9.34233	5.78158	47.7253	-0.011583
1.97014	89.8173	100.501	779.651	1018.77	9.28528	5.78094	47.3305	-0.010838
1.97114	89.5435	99.9526	782.849	1038.52	9.22412	5.77989	47.0344	-0.011583
1.97214	89.9542	100.227	775.653	1065.2	9.17929	5.76219	46.7364	-0.007613
1.97314	89.8804	100.775	779.785	1072.03	9.1426	5.73719	46.541	-0.011875
1.97414	89.5435	100.09	784.582	1072.86	9.09369	5.71584	46.8357	-0.011583
1.97514	89.5435	100.501	788.732	1071.21	9.057	5.71989	47.1825	-0.010313

1.97814	89.5435	100.364	791.187	1061.93	8.97956	5.79219	47.5772	-0.011583
1.97714	89.5435	100.09	794.728	1051.41	8.8532	5.77938	47.8239	-0.011583
1.97814	89.2698	99.8785	792.215	1085.98	8.77578	5.77908	47.5279	-0.012188
1.97914	89.8173	99.4044	795.758	1128.12	8.91434	5.77844	47.3798	-0.010938
1.98014	89.8173	100.227	798.497	1132.95	8.97141	5.77888	47.0838	-0.011583
1.98114	89.6804	100.364	788.217	1138.98	9.08108	5.77584	46.7384	-0.011875
1.98214	89.8173	99.8785	784.791	1109.18	9.28119	5.77489	46.7384	-0.012813
1.98314	89.2698	100.09	782.849	1087.94	9.21189	5.77489	46.7384	-0.00875
1.98414	89.9542	100.227	775.653	1030.51	9.22412	5.78969	47.1825	-0.01375
1.98514	90.091	100.775	771.319	1000.19	9.32195	5.77187	47.8239	-0.01125
1.98614	90.3648	100.227	771.427	1017.95	9.35863	5.78937	49.1893	-0.011583
1.98714	89.2698	100.227	781.384	1044.72	9.3138	5.77031	47.8239	-0.01125
1.98814	89.8173	100.227	783.192	1062.75	9.34233	5.77158	47.7253	-0.010938
1.98914	89.9542	100.912	774.74	1088.42	9.30972	5.76844	47.1331	-0.010313
1.99014	90.091	100.227	781.821	1092.52	9.40347	5.78906	47.0344	-0.011875
1.99114	90.091	100.227	788.217	1092.52	9.48314	5.76844	47.2318	-0.010938
1.99214	90.091	100.227	788.331	1093.89	9.41977	5.77062	47.3305	-0.012813
1.99314	89.6804	100.09	792.788	1083.64	9.5178	5.77094	47.7253	-0.011875
1.99414	89.6804	100.227	795.07	1073.67	9.41977	5.78969	48.12	-0.010313
1.99514	89.6804	100.227	791.073	1105.63	9.41977	5.77094	48.4181	-0.011583
1.99614	89.8173	99.9526	795.299	1144.58	9.54208	5.77094	47.8239	-0.012813
1.99714	90.091	99.9526	799.411	1152.48	9.37086	5.77219	47.9226	-0.012813
1.99814	89.8173	100.227	790.273	1157.53	9.45238	5.77219	46.9357	-0.012188
1.99914	89.5435	99.8155	788.181	1130.49	9.41977	5.77094	46.9357	-0.011583
2.00014	89.8173	100.364	782.508	1089.93	9.23228	5.78969	46.7384	-0.010313
2.00114	89.8173	99.9526	778.11	1054.28	9.22412	5.77158	47.2318	-0.011875
2.00214	90.3648	99.9526	770.513	1021.22	9.17521	5.76281	47.3798	-0.010938
2.00314	89.8173	99.4044	771.085	1034.34	9.19151	5.73688	47.8239	-0.012813
2.00414	89.8173	100.775	780.585	1063.02	9.25673	5.71781	47.8758	-0.010313
2.00514	89.4067	100.227	785.704	1078.32	8.97956	5.70781	47.7253	-0.007813
2.00614	90.2279	100.227	777.938	1099.08	8.93472	5.75969	46.9357	-0.01125
2.00714	89.8173	100.227	783.192	1049.91	9.1283	5.78094	46.837	-0.010313
2.00814	90.091	99.9526	778.587	1034.61	8.80837	5.77187	46.6903	-0.010625
2.00914	89.8173	99.9526	782.049	1023.68	8.72684	5.77631	46.689	-0.011583
2.01014	89.2698	100.501	793.7	995.274	8.80021	5.77406	46.8864	-0.010313
2.01114	89.4067	100.227	788.331	989.811	8.68978	5.77219	46.837	-0.01125
2.01214	88.9961	99.9526	783.877	1015.49	8.65685	5.77031	46.541	-0.011583
2.01314	89.8173	100.775	791.872	1051.41	8.57195	5.76813	45.7021	-0.012188
2.01415	90.6386	100.227	797.126	1113.14	8.68163	5.76887	44.9619	-0.010938
2.01515	89.5435	99.9526	801.695	1184.3	8.64125	5.76406	44.0737	-0.012188
2.01615	89.8173	100.364	809.919	1143.8	8.71054	5.75969	43.4818	-0.009083
2.01715	89.5435	100.227	787.989	1107.41	8.66201	5.75969	42.7908	-0.012813
2.01815	89.8173	100.838	774.74	1071.78	8.65755	5.75938	43.531	-0.012813
2.01915	89.8173	100.501	779.765	1015.49	8.72684	5.76563	43.9257	-0.012813
2.02015	89.5435	99.8155	773.597	1016.03	8.77983	5.76844	44.9128	-0.011583
2.02115	89.2698	99.9526	774.054	1057.97	8.78391	5.76719	45.1593	-0.011583
2.02215	89.8173	100.09	784.22	1064.88	8.82467	5.76406	45.2087	-0.010313
2.02315	88.9961	99.9526	778.11	1079.41	8.91027	5.76584	44.8139	-0.010625
2.02415	89.9542	100.227	785.802	1085.15	8.82875	5.76658	44.3205	-0.010625
2.02515	90.6386	99.9526	788.572	1073.67	8.85728	5.76781	43.9751	-0.011583
2.02615	89.8173	99.4044	778.052	1065.07	8.84097	5.7675	43.879	-0.009888
2.02715	89.9542	99.4044	784.582	1066.3	8.81652	5.76858	43.3828	-0.008125

2.02815	89.9542	100.227	788.047	1068.46	8.83282	5.78719	42.8896	-0.010938
2.02915	89.4067	99.9528	787.989	1064.93	8.84913	5.78489	42.7414	-0.011875
2.03015	90.3848	100.09	788.103	1118.74	8.83282	5.78489	42.7414	-0.012188
2.03115	90.3848	99.9528	792.558	1130.76	8.79208	5.78531	42.2973	-0.0125
2.03215	89.9542	99.9528	787.532	1144.7	8.80021	5.78406	42.1988	-0.010625
2.03315	89.8173	99.8785	785.704	1138.77	8.78391	5.73989	42.396	-0.011563
2.03415	89.8173	100.384	787.418	1105.22	8.78391	5.71888	43.0888	-0.012188
2.03515	89.8804	100.775	781.138	1088.21	8.735	5.69781	43.5803	-0.010625
2.03615	90.091	100.501	789.828	1034.81	8.735	5.67908	44.5872	-0.010938
2.03715	89.8804	100.775	785.802	1021.5	8.69018	5.73125	44.9819	-0.011875
2.03815	89.8173	99.8155	770.513	1055.23	8.66163	5.78312	45.1593	-0.010625
2.03915	90.091	100.227	776.795	1089.57	8.63717	5.74969	44.7162	-0.01125
2.04015	89.8173	100.501	789.942	1088.35	8.58841	5.75408	44.5178	-0.010938
2.04115	89.8804	100.501	771.313	1109.18	8.58788	5.75219	43.7777	-0.011875
2.04215	90.091	100.501	777.481	1108.91	8.5838	5.75281	43.9751	-0.01125
2.04315	89.5435	99.9528	776.11	1109.87	8.49043	5.75344	43.7777	-0.011563
2.04415	90.5017	100.09	776.453	1103.17	8.45782	5.74844	44.0737	-0.010938
2.04515	89.5435	99.9528	780.879	1091.7	8.40891	6.75094	44.3898	-0.012188
2.04615	90.3848	100.227	780.907	1098.89	8.31518	5.74844	44.3898	-0.011563
2.04715	89.8642	99.8155	778.785	1150.18	8.31518	6.74844	44.1231	-0.011563
2.04815	89.8173	100.227	787.418	1163	8.23772	6.74866	43.8784	-0.011875
2.04915	89.8173	100.227	784.582	1173.1	8.18065	6.74719	43.531	-0.009888
2.05015	89.2898	100.227	775.853	1158.08	8.12786	5.74969	42.9882	-0.012188
2.05115	89.8173	99.9528	773.141	1120.38	8.10728	5.74781	42.7908	-0.012813
2.05215	90.3848	99.9528	789.714	1081.32	8.04207	6.74825	43.2842	-0.011563
2.05315	88.9961	99.9528	764.232	1047.45	7.985	5.74875	43.879	-0.011875
2.05415	89.8173	100.501	762.747	1027.78	8.02169	5.75531	43.9257	-0.010938
2.05515	90.091	100.501	785.145	1081.83	7.95238	5.75406	43.8784	-0.011563
2.05615	89.5435	100.227	773.141	1078.73	7.98093	5.74969	43.4818	-0.010938
2.05715	90.091	99.9528	766.973	1103.45	8.07875	5.74969	43.4323	-0.010625
2.05815	89.8173	100.227	762.881	1118.74	8.22549	5.74989	42.8895	-0.010625
2.05915	89.5435	100.227	767.43	1116.29	8.13989	5.75094	42.5934	-0.010938
2.06015	89.9542	99.8785	769.257	1117.52	8.28217	5.74969	42.5934	-0.011875
2.06115	89.8173	100.227	770.171	1114.37	8.21326	5.74969	42.6427	-0.011563
2.06215	89.8804	99.9528	772.684	1104.13	8.24985	5.75219	43.3338	-0.012813
2.06315	89.8173	99.9528	771.998	1099.08	8.32738	5.75031	43.5803	-0.011563
2.06415	89.8173	99.8785	789.029	1146.33	8.31924	5.74844	43.3829	-0.014888
2.06515	89.5435	99.8155	774.74	1170.24	8.28863	5.73125	43.2842	-0.011875
2.06615	89.5435	99.9528	775.853	1180.89	8.28255	5.70469	42.7908	-0.010938
2.06715	89.5435	100.227	766.518	1173.1	8.40078	5.68594	42.1988	-0.011563
2.06815	88.9961	99.9528	763.548	1138.98	8.37223	5.67594	41.8039	-0.012188
2.06915	89.8173	99.5414	758.977	1098.39	8.40078	5.75469	41.9519	-0.011563
2.07015	90.091	99.9528	762.363	1062.34	8.47413	5.76219	42.0013	-0.011875
2.07115	89.9542	99.9528	749.812	1032.29	8.29478	5.74937	42.5441	-0.00875
2.07215	89.8173	99.5414	748.469	1054.89	8.31924	5.74719	42.1988	-0.012813
2.07315	89.9542	100.09	766.35	1078.86	8.45375	5.74969	42.3487	-0.013438
2.07415	89.5435	100.227	757.721	1088.8	8.36	5.75219	42.7414	-0.012188
2.07515	89.9542	89.4044	750.754	1114.37	8.37223	5.74969	41.8039	-0.012188
2.07615	89.9542	99.8785	754.866	1068.48	8.36	5.74937	42.1	-0.011563
2.07715	89.5435	99.9528	749.269	1047.45	8.31109	5.74594	41.7052	-0.010938
2.07815	90.091	100.227	750.525	1036.52	8.33962	5.74813	41.8039	-0.012188
2.07915	89.9542	100.638	761.719	1008.81	8.29888	5.74281	41.6085	-0.011875

2.08015	89.6804	100.09	756.238	999.508	8.34369	5.74156	41.7052	-0.011876
2.08115	89.9542	100.227	752.124	1024.78	8.29886	5.74219	41.2611	-0.01125
2.08215	89.9542	100.364	759.663	1054.28	8.19696	5.74489	40.965	-0.010313
2.08315	89.5435	100.227	763.318	1095.94	8.16842	5.74219	39.5834	-0.012813
2.08415	89.6804	100.364	763.069	1168.82	8.14804	5.74281	39.239	-0.011563
2.08515	89.9542	100.364	772.912	1131.17	8.11544	5.73969	38.7939	-0.012188
2.08615	89.9981	99.9526	757.95	1094.16	8.05837	5.73906	38.4484	-0.012188
2.08715	89.9542	101.049	744.7	1080.83	8.00948	5.74469	38.4484	-0.012813
2.08815	90.091	100.364	749.041	1003.33	7.73229	5.74563	38.5985	-0.012813
2.08915	89.9542	100.227	743.444	994.182	7.74044	5.74781	38.9419	-0.010938
2.09015	90.091	100.364	741.845	1023.68	7.78527	5.75094	39.4353	-0.006438
2.09115	89.9542	100.227	749.84	1039.52	7.70375	5.74844	39.0406	-0.011563
2.09215	90.091	99.9526	745.5	1050.73	7.61406	5.74969	39.0406	-0.010938
2.09315	89.5435	100.364	737.739	1059.08	7.5081	5.74969	38.6458	-0.010313
2.09415	90.091	100.227	735.877	1048.81	7.54479	5.74781	37.8563	-0.014375
2.09515	89.5435	99.9526	741.731	1038.84	7.5774	5.74844	37.965	-0.011563
2.09615	89.6804	99.5414	745.957	1032.01	7.65892	5.74813	38.2017	-0.012188
2.09715	89.9542	100.227	748.013	1020	7.65892	5.73062	37.5802	-0.012813
2.09815	90.091	100.227	749.84	1024.78	7.64669	5.70719	37.3629	-0.011563
2.09915	89.8173	100.364	750.64	1073.54	7.65892	5.88812	37.2642	-0.010625
2.10015	89.8173	100.227	755.094	1082.96	7.77712	5.87989	37.0174	-0.011563
2.10115	89.5435	100.227	748.898	1091.29	7.72821	5.74969	36.4747	-0.012813
2.10215	89.9542	100.638	745.5	1076.4	7.69152	5.74531	37.0668	-0.011563
2.10315	89.8173	100.638	745.957	1039.53	7.69152	5.74281	37.3629	-0.010313
2.10415	89.2698	99.9526	740.931	997.186	7.72413	5.74594	37.8589	-0.010938
2.10515	89.6804	99.8155	731.794	959.49	7.67522	5.73969	37.8096	-0.013125
2.10615	89.8173	100.775	728.253	940.915	7.71598	5.74219	38.2511	-0.011875
2.10715	90.091	100.501	732.022	973.421	7.75267	5.74187	38.7445	-0.011563
2.10815	89.9542	100.364	739.675	988.991	7.74859	5.73969	38.7445	-0.010625
2.10915	89.9542	100.364	735.22	1012.21	7.61	5.73969	38.2511	-0.010938
2.11015	89.9542	100.501	734.078	1023.41	7.64261	5.73438	38.103	-0.011563
2.11115	89.2698	99.9526	739.446	1020.27	7.65892	5.73469	38.103	-0.010313
2.11215	90.091	100.638	739.56	1019.59	7.55294	5.73688	38.0537	-0.010313
2.11315	89.6804	100.227	740.017	1012.76	7.55294	5.73344	37.965	-0.010313
2.11415	89.9542	99.6785	743.215	1002.38	7.54071	5.73469	38.3004	-0.010625
2.11515	89.8173	99.6785	742.302	1002.1	7.48365	5.73406	38.2017	-0.01125
2.11615	89.2698	99.9526	739.789	1051	7.48772	5.73438	37.965	-0.015625
2.11715	90.3646	99.9526	746.185	1089.3	7.44866	5.73719	38.2017	-0.012813
2.11815	90.091	99.9526	742.967	1079.14	7.30022	5.73969	38.103	-0.012813
2.11915	89.6804	100.227	735.106	1063.84	7.33283	5.73844	37.9629	-0.012188
2.12015	90.091	100.364	731.794	1025.87	7.39805	5.73969	37.3135	-0.011563
2.12115	90.091	100.364	726.997	983.528	7.25948	5.74094	37.7083	-0.010938
2.12215	89.2698	100.227	720.372	948.924	7.23083	5.74531	37.6589	-0.010625
2.12315	89.8173	100.638	718.316	918.808	7.25131	5.74844	38.0043	-0.011563
2.12415	89.4067	99.9526	720.372	948.788	7.14941	5.74844	38.103	-0.011563
2.12515	89.8173	99.9526	729.281	965.773	7.10457	5.74687	38.0043	-0.011875
2.12615	89.9542	99.6785	726.311	988.396	7.16571	5.74906	37.6096	-0.012188
2.12715	89.5435	100.227	721.514	1002.1	6.99859	5.74594	36.8201	-0.013438
2.12815	89.8173	99.6785	726.997	999.918	6.99044	5.74844	37.3629	-0.011563
2.12915	89.8173	100.775	729.395	999.645	7.02305	5.72531	37.4615	-0.010938
2.13015	90.091	100.501	730.537	998.094	6.94153	5.70344	37.6109	-0.01125
2.13115	89.8173	99.9526	733.821	985.44	6.89262	5.68876	37.965	-0.010938

2.13215	90.091	99.9526	733.393	979.704	6.90892	5.69438	37.6096	-0.012188
2.13315	99.8173	100.501	729.968	1022.04	6.82332	5.75888	38.0043	-0.012188
2.13415	90.3648	100.227	734.535	1048.54	6.77849	5.74344	37.7576	-0.010313
2.13515	99.2698	100.227	733.821	1057.28	6.74568	5.74719	37.4122	-0.01125
2.13615	99.9542	100.09	724.37	1049.77	6.72957	5.74469	37.4615	-0.010313
2.13715	99.2698	99.9526	719.915	1013.71	6.85621	5.74187	36.8994	-0.011563
2.13815	99.9542	100.638	716.26	971.509	6.58507	5.73989	37.1855	-0.010313
2.13915	99.8173	100.912	707.806	935.178	6.53392	5.74094	37.4615	-0.012188
2.14015	99.9542	100.384	703.896	904.311	6.51762	5.74158	37.8593	-0.009668
2.14115	99.8173	100.775	704.039	923.432	6.46871	5.73969	37.6589	-0.012188
2.14215	99.9542	100.501	713.747	947.744	6.48501	5.74125	37.7576	-0.012188
2.14315	99.8173	99.4044	714.433	965.773	6.53392	5.74094	37.6589	-0.011563
2.14415	99.8981	100.384	707.922	985.304	6.52577	5.74094	37.3135	-0.011563
2.14515	99.8173	100.384	713.519	973.421	6.55838	5.74031	37.4615	-0.011563
2.14615	99.8173	100.501	714.204	946.924	6.56853	5.73989	37.6589	-0.012188
2.14715	99.5435	100.227	712.148	949.929	6.57488	5.74469	37.8593	-0.011563
2.14815	99.8173	100.227	720.258	923.705	6.58284	5.73989	37.955	-0.012188
2.14915	99.8173	100.09	720.6	912.505	6.58507	5.73989	37.8593	-0.011563
2.15015	99.8173	99.9526	713.881	941.461	6.60729	5.74219	37.4615	-0.01375
2.15115	99.9542	99.4044	718.43	984.543	6.61545	5.74219	38.0537	-0.011563
2.15215	99.8173	99.6785	720.486	986.67	6.63175	5.74406	37.0668	-0.012188
2.15315	99.5435	100.227	716.032	1033.24	6.6399	5.74469	37.0668	-0.011563
2.15415	99.8173	99.9526	721.742	1011.12	6.6399	5.74158	36.2773	-0.01125
2.15515	99.8173	100.384	713.747	982.436	6.64805	5.74344	36.2773	-0.010313
2.15615	90.091	100.384	703.896	954.846	6.64805	5.74158	36.2279	-0.010638
2.15715	99.8173	99.9526	703.353	916.466	6.66028	5.74375	36.672	-0.010625
2.15815	99.8173	100.227	700.726	910.32	6.64805	5.74658	36.6691	-0.012188
2.15915	90.3648	100.227	700.612	917.559	6.60322	5.74858	37.1161	-0.010638
2.16015	90.091	99.9526	701.183	922.066	6.61545	5.73219	37.0668	-0.010313
2.16115	99.9542	100.775	697.414	949.246	6.66028	5.70656	37.2642	-0.01125
2.16215	99.6804	100.384	702.44	985.363	6.63583	5.68969	37.2642	-0.011563
2.16315	99.9542	100.501	703.011	972.328	6.5543	5.68908	37.0668	-0.010638
2.16415	99.5435	99.9526	701.089	973.421	6.55838	5.68989	36.8994	-0.010313
2.16515	99.8173	100.09	705.636	963.68	6.538	5.75375	36.9188	-0.011563
2.16615	99.8173	100.638	706.085	948.836	6.50539	5.73719	36.8994	-0.012188
2.16715	99.6804	99.9526	704.381	971.099	6.48501	5.74094	36.5733	-0.012188
2.16815	90.091	99.8155	710.321	1006.47	6.48094	5.73719	36.7707	-0.012188
2.16915	99.8173	100.227	715.689	1013.85	6.55023	5.73719	36.672	-0.01125
2.17015	99.4067	99.9526	705.295	1021.09	6.43202	5.73719	36.6227	-0.010313
2.17115	99.6804	99.9526	700.498	998.962	6.32605	5.73594	36.4747	-0.009668
2.17215	99.8173	100.775	698.214	961.402	6.36273	5.73219	36.7707	-0.011875
2.17315	99.9542	99.5414	694.33	924.798	6.38719	5.73219	37.4615	-0.01125
2.17415	90.3648	99.9526	687.934	891.199	6.30566	5.73312	37.3629	-0.012813
2.17515	90.3648	99.9526	687.02	894.067	6.21599	5.73219	38.0537	-0.010625
2.17615	99.9542	100.501	694.33	925.344	6.22822	5.72989	38.2511	-0.011875
2.17715	99.5435	99.9526	696.67	941.188	6.20784	5.72906	38.103	-0.012813
2.17815	90.091	99.6785	691.018	965.773	6.19153	5.72937	37.8593	-0.010313
2.17915	99.2698	100.227	692.503	973.011	6.11001	5.72937	37.807	-0.010638
2.18015	99.8173	100.775	697.071	972.875	6.0611	5.72875	37.5109	-0.011563
2.18115	90.091	100.09	697.414	974.241	6.04072	5.72844	37.6589	-0.012188
2.18215	99.8173	100.227	701.183	968.504	6.01626	5.73062	37.7576	-0.010313
2.18315	90.091	100.501	701.412	959.217	5.94697	5.72844	38.0537	-0.012813

2.18416	89.8173	99.6785	699.242	983.601	5.91436	5.73344	38.3004	-0.011875
2.18516	89.4067	100.364	700.498	1028.41	5.88991	5.73469	38.4484	-0.0125
2.18616	90.091	100.501	703.924	1034.61	5.84507	5.73531	37.7578	-0.011563
2.18716	89.9542	99.9526	698.158	1040.89	5.78762	5.73594	37.5109	-0.011563
2.18816	90.3648	100.501	693.302	1012.76	5.73502	5.73612	37.6096	-0.010825
2.18916	90.091	100.364	690.904	973.831	5.72279	5.73989	37.8589	-0.010838
2.19016	90.3648	100.227	684.736	935.998	5.4988	5.73937	37.6096	-0.011563
2.19116	90.6388	100.227	679.598	902.672	5.47415	5.74094	37.9057	-0.011563
2.19216	90.091	99.9526	679.253	904.447	5.49045	5.73844	37.955	-0.010825
2.19316	90.2279	100.227	684.964	936.544	5.44969	5.71594	38.0637	-0.008438
2.19416	90.2279	100.364	690.218	951.841	5.42524	5.69062	37.955	-0.012813
2.19516	90.091	100.227	684.165	978.884	5.38263	5.68969	38.2511	-0.01125
2.19616	89.5435	99.9526	685.85	984.894	5.38855	5.67656	37.4615	-0.012188
2.19716	89.5435	99.9526	690.904	982.982	5.37632	5.75219	37.4615	-0.012813
2.19816	89.9542	100.227	690.581	984.075	5.35594	5.73781	37.8563	-0.010838
2.19916	89.9542	99.9526	692.503	978.085	5.34371	5.73719	37.8563	-0.012813
2.20016	90.091	100.638	695.587	987.885	5.42524	5.73719	38.2017	-0.012813
2.20116	90.3648	100.227	693.645	990.484	5.36002	5.73625	38.2511	-0.011875
2.20216	89.9542	100.501	694.673	1035.43	5.32741	5.73344	38.1524	-0.010838
2.20316	90.5017	100.364	699.013	1042.12	5.29888	5.73219	37.8563	-0.011563
2.20416	90.091	100.227	693.416	1049.63	5.33149	5.73312	37.7578	-0.008438
2.20516	90.3648	100.227	687.706	1021.5	5.33556	5.73156	37.4615	-0.012813
2.20616	90.6388	100.227	684.279	982.709	5.35187	5.72844	37.6096	-0.010825
2.20716	90.091	89.8785	679.139	944.739	5.34371	5.72989	37.9057	-0.01125
2.20816	89.6804	99.9526	674.226	911.003	5.35594	5.72906	37.7578	-0.01125
2.20916	90.091	100.364	671.715	910.32	5.35594	5.72906	38.103	-0.011875
2.21016	89.8173	100.227	677.883	942.827	5.30295	5.72989	38.3991	-0.010313
2.21116	90.091	100.364	684.051	959.08	5.35594	5.73031	38.0537	-0.0125
2.21216	90.091	100.09	677.883	984.075	5.33556	5.73219	37.807	-0.011563
2.21316	90.091	100.501	679.388	981.996	5.2948	5.73594	37.6096	-0.012813
2.21416	90.5017	100.227	684.736	980.387	5.25812	5.73531	37.4615	-0.012188
2.21516	90.5017	100.227	684.051	958.397	5.29073	5.73625	37.4122	-0.013438
2.21616	90.2279	100.227	682.452	954.709	5.24589	5.73594	37.3629	-0.012813
2.21716	89.4067	100.227	689.781	933.949	5.22958	5.73906	38.2511	-0.011563
2.21816	90.5017	99.9526	687.02	942.007	5.24181	5.74219	37.807	-0.010313
2.21916	89.9542	100.775	684.279	975.47	5.21326	5.74219	37.7578	-0.010838
2.22016	89.4067	-100.09	687.591	979.977	5.18067	5.74219	37.3629	-0.011563
2.22116	90.3648	100.227	684.165	996.004	5.18882	5.74156	38.8694	-0.011563
2.22216	90.091	101.049	683.251	1029.88	5.23774	5.74219	38.376	-0.01125
2.22316	89.8173	99.9526	688.277	1000.05	5.13991	5.73812	38.0789	-0.011563
2.22416	90.091	100.227	683.137	974.514	5.16844	5.73844	35.8825	-0.010838
2.22516	90.3648	100.227	673.2	944.486	5.11546	5.71594	38.0789	-0.008688
2.22616	90.2279	100.227	674.456	930.534	5.07677	5.69531	36.3266	-0.008125
2.22716	90.2279	100.638	677.54	938.163	5.1073	5.67844	36.2773	-0.012813
2.22816	90.5017	100.227	677.198	938.456	5.08285	5.69156	36.4747	-0.012188
2.22916	89.9542	100.09	672.829	945.558	5.05431	5.75594	36.8694	-0.012813
2.23016	90.091	100.501	676.055	957.578	5.05024	5.73989	36.872	-0.012188
2.23116	89.8173	100.09	681.061	973.284	5.02578	5.74261	36.672	-0.012188
2.23216	90.091	100.364	679.253	961.889	4.94426	5.73989	36.872	-0.012813
2.23316	90.091	100.775	679.71	960.523	4.97887	5.74094	36.8188	-0.010838
2.23416	90.091	100.912	683.365	967.958	4.94426	5.73781	36.672	-0.012188
2.23516	90.5017	100.227	681.538	976.699	4.87904	5.73594	36.7707	-0.012188

2.23616	89.9542	100.227	683.023	1016.03	4.8872	5.7375	36.4747	-0.010825
2.23716	89.9542	100.775	690.218	1017.54	4.85459	5.73719	36.2279	-0.01125
2.23816	90.091	99.9526	684.85	1021.77	4.83828	5.73281	36.2279	-0.011563
2.23916	89.9542	100.364	678.682	1002.79	4.81383	5.72969	36.2279	-0.01125
2.24016	90.091	100.501	678.512	996.046	4.76491	5.72844	36.0799	-0.012188
2.24116	89.9542	99.6786	672.172	931.354	4.74048	5.73219	36.3266	-0.010825
2.24216	90.091	100.09	668.289	898.984	4.74048	5.73219	36.9188	-0.011563
2.24316	89.8173	100.09	667.261	892.291	4.70377	5.73219	37.3629	-0.011875
2.24416	89.5436	100.227	672.286	924.252	4.69155	5.73094	37.3629	-0.010938
2.24516	90.2279	99.9526	678.797	937.91	4.60187	5.72937	37.3629	-0.011675
2.24616	89.8173	100.09	672.4	965.773	4.58964	5.72969	37.0698	-0.011563
2.24716	90.091	100.501	673.314	973.831	4.51627	5.73312	37.1655	-0.011675
2.24816	90.091	100.227	678.666	973.694	4.50405	5.73489	37.1655	-0.009688
2.24916	90.3648	100.227	678.797	975.333	4.48774	5.73489	36.7707	-0.013438
2.25016	90.091	99.4044	681.538	970.143	4.43088	5.73719	37.2642	-0.01125
2.25116	90.091	100.227	684.279	960.856	4.43088	5.73844	37.6096	-0.010313
2.25216	89.9542	99.8155	681.88	975.606	4.40214	5.74094	37.4122	-0.012188
2.25316	90.6386	100.227	682.109	1022.45	4.35546	5.74219	37.4615	-0.012613
2.25416	89.9542	100.227	687.02	1032.7	4.3247	5.73969	37.2642	-0.010838
2.25516	90.6386	99.9526	680.386	1041.17	4.34508	5.74219	36.9681	-0.010825
2.25616	90.091	100.364	678.056	1016.03	4.18981	5.73219	36.872	-0.010313
2.25716	90.091	99.6786	674.114	975.333	4.18981	5.70719	36.872	-0.012188
2.25816	90.091	100.775	670.459	938.183	4.1209	5.68937	36.8694	-0.012188
2.25916	90.2279	100.501	664.862	903.081	4.13312	5.67158	36.8694	-0.012188
2.26016	89.4067	100.364	663.491	894.75	4.14943	5.71489	37.0888	-0.011875
2.26116	90.091	100.227	668.517	929.188	4.09236	5.74908	37.3629	-0.012813
2.26216	90.3648	100.501	675.827	943.846	4.06983	5.73408	37.0998	-0.011563
2.26316	90.091	100.364	670.801	969.06	4.08421	5.73908	36.9188	-0.011563
2.26416	90.091	100.364	672.058	977.655	4.04345	5.73858	36.7707	-0.011563
2.26516	90.091	100.638	677.654	976.88	4.01492	5.73094	36.7707	-0.011563
2.26616	90.5017	99.9526	678.797	977.519	4.07198	5.73344	36.376	-0.014063
2.26716	90.091	99.9526	680.624	972.055	4.00677	5.73158	36.7707	-0.011563
2.26816	90.3648	100.364	683.594	962.768	4.03122	5.73031	36.7707	-0.010938
2.26916	90.091	100.364	681.424	976.47	3.99981	5.72844	37.0174	-0.011563
2.27016	90.091	100.227	681.995	1023.14	4.019	5.72808	37.2148	-0.010825
2.27116	89.9542	100.227	686.107	1032.15	3.97416	5.72844	36.872	-0.012188
2.27216	90.091	100.364	680.51	1041.71	3.96901	5.72908	36.3266	-0.0125
2.27316	90.091	101.049	678.855	1016.44	3.94155	5.72719	36.8227	-0.010313
2.27416	90.5017	99.9526	679.657	975.606	3.97416	5.72719	36.2773	-0.010313
2.27516	90.091	100.227	688.631	937.363	3.97416	5.73408	36.0799	-0.011563
2.27616	90.091	100.638	683.263	902.398	3.94155	5.72969	36.4747	-0.012188
2.27716	90.091	99.9526	680.664	893.384	3.95378	5.72969	36.5733	-0.011563
2.27816	89.8173	100.227	685.776	926.437	3.90894	5.73158	36.872	-0.011563
2.27916	90.091	100.501	673.543	941.734	3.89284	5.72908	36.4747	-0.011875
2.28016	90.3648	100.227	688.659	967.411	3.88041	5.73094	36.376	-0.012613
2.28116	90.091	99.9526	671.03	975.606	3.90894	5.73187	36.0799	-0.011875
2.28216	90.091	100.501	678.055	971.782	3.88003	5.73489	36.0799	-0.013438
2.28316	90.3648	100.09	677.769	970.826	3.88003	5.73781	36.2773	-0.011563
2.28416	90.6386	100.364	679.253	960.885	3.88449	5.7375	36.1786	-0.012188
2.28516	90.2279	99.9526	679.482	942.554	3.85595	5.74094	36.0799	-0.012188
2.28616	90.3648	100.227	680.624	944.739	3.81927	5.74281	36.4253	-0.010938
2.28716	90.3648	100.501	681.061	975.47	3.83657	5.73844	36.0799	-0.010313

2.28816	89.9542	100.384	679.71	982.182	3.81112	5.72158	35.8825	-0.012188
2.28916	90.091	100.838	675.599	984.757	3.73987	5.68344	35.3891	-0.011563
2.29016	90.091	100.501	673.2	984.133	3.7822	5.68219	35.093	-0.010313
2.29116	89.6804	99.9526	670.459	937.227	3.7459	5.66408	34.5502	-0.011563
2.29217	90.3648	100.227	668.289	910.886	3.72959	5.71888	34.5896	-0.010938
2.29317	90.091	100.501	665.09	887.648	3.88088	5.74408	33.9087	-0.015313
2.29417	90.091	100.227	664.882	888.74	3.87253	5.73858	34.0074	-0.012188
2.29517	90.091	99.9526	669.202	916.33	3.88478	5.74125	34.3035	-0.012813
2.29617	90.091	99.8155	673.999	928.622	3.84807	5.74125	34.0568	-0.012813
2.29717	90.091	100.227	671.03	942.827	3.82769	5.73969	33.81	-0.011563
2.29817	89.8173	99.9526	671.487	935.588	3.80731	5.7375	33.81	-0.011875
2.29917	90.3648	100.227	674.228	930.261	3.80731	5.73844	33.882	-0.011875
2.30017	90.091	99.5414	676.741	925.071	3.5747	5.73906	34.1081	-0.010938
2.30117	90.3648	100.501	678.225	920.154	3.52579	5.73781	34.4022	-0.0125
2.30217	89.8173	100.227	679.025	919.608	3.53394	5.73531	34.5009	-0.012813
2.30317	90.3648	100.838	679.253	929.851	3.48503	5.73219	34.5896	-0.012188
2.30417	90.091	99.9526	678.568	965.773	3.46485	5.73219	34.4022	-0.013436
2.30517	90.3648	100.501	681.995	977.382	3.46485	5.73438	34.5009	-0.012188
2.30617	90.5017	100.227	677.883	978.699	3.41574	5.73858	34.1081	-0.012188
2.30717	90.091	100.384	673.314	952.934	3.41574	5.73781	33.514	-0.010313
2.30817	90.091	100.227	670.344	922.886	3.41981	5.73719	33.7114	-0.009688
2.30917	80.8124	100.384	688.289	895.16	3.38313	5.73594	33.4546	-0.0125
2.31017	90.091	100.227	685.09	873.989	3.37498	5.73888	33.7807	-0.012188
2.31117	89.5435	99.9526	685.09	876.175	3.33014	5.73781	33.81	-0.011875
2.31217	90.3648	100.227	689.545	908.881	3.33829	5.73906	33.9087	-0.010313
2.31317	90.5017	100.227	675.142	925.617	3.29753	5.73719	34.2048	-0.01125
2.31417	89.8173	100.09	671.372	944.739	3.29753	5.73937	34.5009	-0.011563
2.31517	90.3648	100.838	670.002	939.549	3.22416	5.73781	34.0074	-0.014063
2.31617	89.8173	99.9526	673.543	934.905	3.25877	5.73781	34.3035	-0.013436
2.31717	90.091	99.9526	676.626	931.49	3.269	5.74281	35.3397	-0.011563
2.31817	89.5435	99.9526	678.111	926.184	3.20788	5.74219	35.093	-0.01125
2.31917	90.3648	100.227	677.883	922.886	3.17525	5.74084	35.4878	-0.010313
2.32017	89.8173	100.09	678.34	935.042	3.19583	5.71969	35.4384	-0.011563
2.32117	90.091	99.8785	677.883	971.236	3.15487	5.69858	35.3891	-0.012813
2.32217	90.3648	100.501	680.824	982.299	3.13857	5.67718	35.2904	-0.012188
2.32317	89.8173	100.227	676.626	978.338	3.12226	5.68656	35.2904	-0.009375
2.32417	90.091	100.501	672.058	950.475	3.09373	5.73844	35.093	-0.010938
2.32517	90.5017	100.227	668.517	916.803	3.07743	5.74375	34.6982	-0.012188
2.32617	89.9542	100.775	686.918	887.848	2.9859	5.73594	34.5896	-0.014063
2.32717	90.3648	100.384	685.09	870.984	3.01221	5.73908	35.093	-0.012813
2.32817	90.091	100.227	684.748	877.54	2.97145	5.73989	35.241	-0.012813
2.32917	90.2278	99.9526	671.715	908.364	2.98388	5.74094	35.1917	-0.011875
2.33017	90.091	100.384	676.855	927.939	2.92253	5.73812	35.3891	-0.012188
2.33117	90.091	100.384	673.543	945.831	2.94899	5.73344	35.4878	-0.011563
2.33217	90.091	99.9526	673.771	940.505	2.92253	5.73219	35.4384	-0.011563
2.33317	90.091	99.8155	677.083	936.817	2.86547	5.73187	36.7345	-0.010313
2.33417	89.9542	100.501	679.482	934.359	2.84917	5.73166	36.8332	-0.010313
2.33517	90.6386	99.9526	681.424	930.534	2.83286	5.72813	36.3266	-0.011563
2.33617	90.5017	99.9526	681.309	929.442	2.80841	5.72969	36.672	-0.011875
2.33717	90.3648	99.9526	679.71	943.373	2.76764	5.72844	36.4253	-0.011563
2.33817	90.6386	99.9526	679.598	979.977	2.75542	5.72969	37.1655	-0.013436
2.33917	90.3648	99.8155	681.538	968.445	2.72688	5.73219	37.1655	-0.012188

2.34017	90.091	99.8785	876.055	983.118	2.73098	5.7325	36.872	-0.010625
2.34117	90.3648	100.227	872.4	955.382	2.88612	5.73658	36.378	-0.012188
2.34217	90.091	100.227	889.317	922.886	2.88612	5.73094	36.378	-0.011563
2.34317	90.091	100.775	887.489	897.208	2.84944	5.73094	36.378	-0.012813
2.34417	89.8542	100.227	885.547	881.501	2.84536	5.73562	36.872	-0.011563
2.34517	90.3648	99.5414	886.004	882.838	2.58237	5.73406	38.7707	-0.012188
2.34617	90.091	99.9528	872.4	824.861	2.57199	5.73344	36.8201	-0.012813
2.34717	90.091	100.501	878.855	942.827	2.55977	5.73187	37.1181	-0.011583
2.34817	90.091	100.227	872.4	858.821	2.51901	5.73156	36.9881	-0.015313
2.34917	90.091	99.9528	874.228	950.748	2.50678	5.73469	37.2842	-0.013438
2.35017	90.091	100.227	878.225	948.153	2.49455	5.73344	38.2511	-0.013125
2.35117	89.8542	100.09	880.824	944.486	2.45786	5.73281	38.0537	-0.010938
2.35217	90.091	99.9528	882.223	942.827	2.44158	5.72219	38.8952	-0.011563
2.35317	90.3648	100.227	882.337	942.827	2.40885	5.69582	39.0406	-0.0125
2.35417	90.091	99.8155	881.538	980.858	2.4008	5.67281	39.238	-0.011583
2.35517	89.8542	100.364	881.424	996.094	2.34373	5.68219	39.386	-0.010313
2.35617	90.091	100.501	882.908	1004.29	2.32743	5.72219	39.0408	-0.011583
2.35717	90.3648	100.227	878.454	998.552	2.30705	5.73989	39.238	-0.01125
2.35817	90.6386	100.227	875.713	972.192	2.27444	5.73158	38.8458	-0.010313
2.35917	90.091	100.501	872.857	941.051	2.24183	5.73281	38.5471	-0.010313
2.36017	90.3648	99.9528	888.545	916.183	2.23368	5.73344	38.4484	-0.013438
2.36117	90.091	100.227	887.261	900.078	2.22553	5.73219	38.8432	-0.011683
2.36217	90.091	99.9528	887.803	914.008	2.197	5.73158	39.0406	-0.01125
2.36317	90.3648	100.227	874.57	943.373	2.20922	5.73584	38.2873	-0.011583
2.36417	89.5435	100.09	876.989	981.129	2.11548	5.72989	39.0408	-0.011583
2.36517	90.3648	100.09	873.771	974.514	2.13588	5.72719	39.1888	-0.012188
2.36617	90.091	99.9528	875.941	988.582	2.08287	5.72344	39.388	-0.01125
2.36717	90.3648	99.9528	878.111	984.88	2.05841	5.72156	39.5834	-0.012813
2.36817	90.091	99.9528	881.081	981.402	2.03803	5.72219	40.3235	-0.010938
2.36917	89.8542	100.364	882.462	958.807	2.0258	5.72219	40.5703	-0.011583
2.37017	90.2279	99.8785	883.822	957.031	1.97689	5.72406	40.6198	-0.011583
2.37117	89.5435	99.9528	881.995	978.428	1.97281	5.72531	41.3104	-0.01125
2.37217	80.5017	100.09	882.908	1010.43	1.94428	5.73031	41.4081	-0.011583
2.37317	90.3648	100.364	884.279	1018.49	1.87906	5.72844	41.0144	-0.010313
2.37417	90.091	100.775	880.187	1013.85	1.88314	5.72719	40.6198	-0.013438
2.37517	90.3648	100.364	877.997	989.811	1.85481	5.73158	40.1282	-0.012813
2.37617	90.091	99.8785	875.484	980.719	1.822	5.73094	40.2249	-0.011875
2.37717	90.9124	99.9528	873.314	937.837	1.83423	5.73594	40.0788	-0.012813
2.37817	90.091	100.364	870.344	920.154	1.79347	5.73531	40.3729	-0.011583
2.37917	90.091	99.8785	871.03	933.849	1.79754	5.73875	40.7183	-0.0125
2.38017	90.3648	100.227	877.198	982.495	1.77309	5.74082	40.7183	-0.012813
2.38117	90.091	100.227	881.309	980.797	1.74455	5.74158	41.1824	-0.009083
2.38217	90.091	100.227	875.827	991.986	1.72417	5.74158	41.0144	-0.014063
2.38317	90.3648	100.638	877.312	984.348	1.73233	5.74219	41.3598	-0.012188
2.38417	90.2279	100.227	880.053	983.801	1.69972	5.72594	41.4081	-0.010313
2.38517	90.091	100.638	882.337	979.587	1.68749	5.70625	41.8039	-0.011583
2.38617	90.091	100.364	883.822	976.899	1.68158	5.69082	42.0508	-0.010825
2.38717	90.9124	100.227	884.85	974.787	1.67526	5.67989	42.5834	-0.012188
2.38817	89.8173	100.227	883.137	994.182	1.67118	5.74344	42.4947	-0.011583
2.38917	90.3648	100.364	884.051	1027.51	1.6182	5.74344	42.398	-0.010938
2.39017	89.8542	100.227	885.85	1038.52	1.62635	5.74469	42.3487	-0.013438
2.39117	90.5017	100.09	881.081	1028.05	1.58966	5.74469	42.1	-0.010938

2.39217	90.6386	99.9526	679.71	1000.74	1.58559	5.74187	41.5078	-0.010313
2.39317	90.3848	100.364	676.055	970.826	1.57336	5.73937	41.4091	-0.013438
2.39417	89.9542	99.9526	673.314	946.824	1.5489	5.74187	41.9026	-0.011563
2.39517	90.2279	100.227	671.487	930.534	1.55298	5.74219	41.3104	-0.012813
2.39617	90.091	100.364	672.4	943.373	1.5326	5.74094	41.4091	-0.01125
2.39717	90.5017	100.364	677.883	967.966	1.49591	5.73989	41.4091	-0.012188
2.39817	90.3848	100.501	680.167	981.889	1.50407	5.73875	41.1624	-0.01125
2.39917	90.3848	99.9526	676.512	988.582	1.45515	5.73719	41.1624	-0.013125
2.40017	90.3848	99.9526	677.654	979.84	1.45108	5.73489	41.1131	-0.013438
2.40117	90.3848	100.501	681.309	980.797	1.42254	5.74156	41.4091	-0.011875
2.40217	90.5017	99.4044	684.736	984.076	1.40624	5.76156	41.4091	-0.011875
2.40317	90.5017	100.364	687.477	991.88	1.38178	5.75989	42.0013	-0.006563
2.40417	91.1882	100.09	687.02	995.821	1.38178	5.76125	42.0506	-0.012813
2.40517	90.3848	100.227	685.764	1011.53	1.35733	5.76531	42.3467	-0.012188
2.40617	90.091	99.9526	685.079	1037.89	1.34918	5.76594	42.1996	-0.010313
2.40717	90.9124	100.227	686.792	1035.02	1.32472	5.76906	42.1996	-0.011875
2.40817	90.6386	99.6785	682.223	1019.31	1.32472	5.76719	41.9026	-0.011875
2.40917	90.5017	99.9526	679.596	991.996	1.30026	5.76781	41.8085	-0.011875
2.41017	90.6386	99.5414	677.883	983.587	1.27173	5.77094	41.9519	-0.010625
2.41117	90.3848	100.501	676.055	949.383	1.24727	5.77187	42.1	-0.012813
2.41217	90.3848	100.09	674.799	942.007	1.23912	5.77281	42.2973	-0.011875
2.41317	90.091	100.638	675.142	946.106	1.20244	5.77856	42.5934	-0.010938
2.41417	90.5017	100.364	678.454	975.06	1.20244	5.77719	42.6441	-0.008438
2.41517	90.6386	99.9526	680.852	989.128	1.18575	5.76219	42.4947	-0.013438
2.41617	89.8173	99.9526	680.167	997.889	1.18983	5.73989	42.7906	-0.014063
2.41717	90.091	100.227	681.081	990.767	1.14945	5.71989	42.396	-0.011563
2.41817	90.3848	99.6785	683.365	988.991	1.11276	5.70344	42.396	-0.011875
2.41917	90.2279	100.364	686.335	993.089	1.12092	5.74344	42.4947	-0.011563
2.42017	90.3848	100.364	687.02	998.552	1.10461	5.76989	42.7906	-0.011563
2.42117	90.6386	99.9526	687.02	1004.29	1.0557	5.77594	43.2349	-0.011563
2.42217	91.0493	99.9526	686.221	1001.01	1.0557	5.77989	43.3829	-0.012188
2.42317	90.3848	99.6785	682.908	996.913	1.05162	5.77594	43.8784	-0.01125
2.42417	90.091	100.227	680.51	1021.77	0.974178	5.77582	43.7283	-0.012188
2.42517	90.7755	100.227	688.107	1028.05	1.01494	5.77531	43.7283	-0.010313
2.42617	90.3848	100.227	686.107	1031.33	0.974178	5.77312	43.0898	-0.012813
2.42717	89.8173	99.9526	681.995	1019.45	0.957874	5.77281	42.8895	-0.01125
2.42817	90.3848	100.501	678.911	1002.78	0.945846	5.77094	42.9882	-0.010313
2.42917	90.2279	100.501	679.253	991.723	0.949722	5.77437	43.1855	-0.013438
2.43017	90.2279	99.9526	678.668	982.708	0.906961	5.76989	43.3829	-0.011663
2.43118	90.2279	100.227	678.682	976.698	0.900809	5.76906	43.679	-0.010938
2.43218	90.6386	99.9526	680.396	970.963	0.925266	5.76844	43.9257	-0.014063
2.43318	89.8173	100.227	680.624	975.606	0.839688	5.76989	43.9751	-0.012188
2.43418	90.5017	100.364	681.538	995.547	0.82744	5.77219	43.9751	-0.0125
2.43518	90.6386	100.227	683.594	1000.19	0.82744	5.77219	43.827	-0.01125
2.43618	90.3848	100.227	684.736	1004.97	0.794832	5.77437	43.3829	-0.009063
2.43718	91.0493	99.9526	684.736	1000.74	0.802984	5.77594	43.1855	-0.012188
2.43818	90.2279	100.227	686.221	1003.47	0.778627	5.77531	43.3829	-0.010313
2.43918	90.3848	100.227	686.678	1007.29	0.733691	5.77594	43.6296	-0.01125
2.44018	90.6386	99.1303	687.02	1012.21	0.733691	5.78031	43.827	-0.010938
2.44118	90.091	100.227	685.992	1015.49	0.721463	5.78094	44.3698	-0.011563
2.44218	90.6386	99.9526	685.079	1010.57	0.705158	5.77989	45.0113	-0.011563
2.44318	90.9124	100.227	682.908	1005.65	0.684778	5.78406	44.5672	-0.01125

2.44418	90.6388	99.9526	681.538	997.733	0.680322	5.78344	44.4885	-0.011563
2.44518	91.0493	100.227	681.768	999.372	0.648094	5.78469	44.2711	-0.012188
2.44618	90.091	100.227	683.023	1023.55	0.611409	5.77469	43.8764	-0.011563
2.44718	90.3648	100.227	686.906	1034.81	0.623637	5.75094	43.5903	-0.011563
2.44818	90.091	100.501	685.421	1045.81	0.586953	5.73312	43.3336	-0.011563
2.44918	90.5017	100.775	683.137	1039.8	0.570848	5.71094	43.531	-0.011563
2.45018	90.9124	99.9526	683.023	1031.33	0.550268	5.74062	43.3336	-0.012813
2.45118	90.6388	99.9526	682.88	1024.84	0.51766	6.79781	43.7283	-0.012188
2.45218	90.3648	100.09	683.251	1016.58	0.529888	5.78344	44.0244	-0.010825
2.45318	90.6388	99.8155	684.165	1010.57	0.478899	5.78437	44.5872	-0.012188
2.45418	90.6388	99.9526	684.279	1004.02	0.501355	5.78156	44.9126	-0.009063
2.45518	90.091	100.501	683.365	1000.74	0.438138	5.78469	44.5178	-0.01125
2.45618	90.5017	100.364	680.967	997.46	0.438138	5.78219	44.5872	-0.010313
2.45718	90.6388	99.9526	681.538	1001.56	0.40353	5.78094	44.2711	-0.0125
2.45818	90.5017	100.227	685.421	1013.58	0.407606	5.78187	43.9257	-0.008125
2.45918	90.5017	100.227	686.107	1017.87	0.370821	5.77989	43.679	-0.012188
2.46018	90.5017	100.501	685.421	1017.4	0.370821	5.77781	43.3829	-0.010838
2.46118	90.5017	100.227	684.279	1013.71	0.354617	5.77469	43.4816	-0.011875
2.46218	90.5017	100.364	684.964	1014.81	0.342389	5.77656	43.531	-0.011563
2.46318	90.5017	100.364	684.964	1020.41	0.334237	5.78094	43.3829	-0.01125
2.46418	90.7755	100.227	684.85	1026.55	0.2894	5.77719	43.8764	-0.012188
2.46518	90.6388	100.501	685.535	1030.85	0.297552	5.77594	44.3898	-0.01375
2.46618	90.7755	99.9526	685.764	1030.1	0.252716	5.77719	44.7152	-0.0125
2.46718	90.6388	99.6785	684.736	1026.98	0.264944	5.78094	45.1593	-0.01125
2.46818	90.6388	100.501	683.023	1020.41	0.207879	5.78125	44.9619	-0.011875
2.46918	90.7755	100.227	683.137	1014.87	0.183423	5.78187	44.9619	-0.012188
2.47018	90.3648	100.227	683.708	1013.17	0.175271	5.78594	44.4192	-0.011563
2.47118	90.6388	99.9526	684.051	1012.48	0.167118	5.78656	44.4885	-0.012188
2.47218	90.6388	99.9526	683.365	1012.48	0.146738	5.78344	43.879	-0.010313
2.47318	91.0493	99.8155	684.051	1020.27	0.130434	5.78889	43.1855	-0.012188
2.47418	90.5017	100.227	684.622	1038.86	0.101902	5.79281	43.0868	-0.011563
2.47518	90.7755	100.227	687.02	1046.36	0.101902	5.78969	42.9882	-0.011563
2.47618	90.3648	99.9526	686.107	1051.96	0.093749	5.79156	42.9882	-0.012188
2.47718	90.6388	99.9526	684.85	1048.36	0.048913	5.78344	43.2842	-0.011875
2.47818	90.6388	99.9526	685.878	1043.35	0.044837	5.75969	43.531	-0.011875
2.47918	90.3648	100.501	685.892	1040.89	0.028532	5.74094	43.5803	-0.011563
2.48018	90.5017	100.501	685.183	1038.16	-0.004076	5.71969	43.9751	-0.009375
2.48118	90.9124	100.227	684.736	1037.07	-0.004076	5.75844	44.0737	-0.011875
2.48218	90.9124	100.227	684.279	1036.25	-0.012228	5.80125	43.7777	-0.013125
2.48318	90.5017	100.912	683.822	1035.98	-0.004076	5.78906	43.8764	-0.01125
2.48418	90.091	100.501	681.995	1034.61	-0.004076	5.79219	43.2842	-0.012813
2.48518	90.5017	99.5414	682.908	1032.7	-0.008152	5.79219	43.5803	-0.011563
2.48618	90.6388	99.9526	683.251	1029.69	-0.024456	5.78825	42.9882	-0.01125
2.48718	90.6388	99.9526	683.822	1026.98	0.028532	5.78719	43.2842	-0.011563
2.48818	90.6388	100.227	684.279	1022.59	-0.008152	5.78813	42.9388	-0.012188
2.48918	90.6388	100.364	684.622	1023.41	-0.004076	5.78656	42.7414	-0.01375
2.49018	90.6388	99.9526	684.279	1025.87	-0.008152	5.78469	42.8895	-0.010838
2.49118	90.3648	99.9526	685.193	1029.42	-0.004076	5.78469	42.7908	-0.010313
2.49218	90.3648	100.364	685.421	1029.01	-0.016304	5.78125	42.8895	-0.01125
2.49318	90.7755	100.364	685.421	1029.15	-0.004076	5.78344	42.6921	-0.012813
2.49418	90.6388	99.9526	686.107	1029.42	-0.004076	5.78094	42.6427	-0.013125
2.49518	90.2279	100.227	684.964	1030.92	-0.004076	5.78344	42.7414	-0.011875

2.49618	91.0493	100.227	685.193	1035.7	-0.004078	5.78781	42.9882	-0.01125
2.49718	90.3648	99.9526	685.878	1040.07	-0.004078	5.78437	42.6921	-0.011875
2.49818	90.5017	100.501	685.079	1041.99	-0.004078	5.78658	42.5934	-0.012188
2.49918	90.6386	99.9526	685.193	1041.44	-0.004078	5.78658	42.6921	-0.011563
2.50018	90.5017	100.364	684.507	1040.07	-0.008152	5.78989	42.5934	-0.011563
2.50118	90.091	100.227	684.279	1035.43	-0.004078	5.79084	42.8895	-0.01125
2.50218	89.9542	99.9526	684.279	1032.42	-0.012228	5.79125	42.6921	-0.011875
2.50318	90.9124	100.227	684.279	1032.83	-0.004078	5.79281	42.5441	-0.014083
2.50418	90.6386	99.8155	684.279	1032.56	-0.004078	5.79344	42.3467	-0.013438
2.50518	91.1862	99.9526	684.736	1033.52	-0.008152	5.79281	42.5934	-0.012188
2.50618	90.5017	99.9526	684.984	1034.34	-0.004078	5.795	42.1	-0.010625
2.50718	90.6386	99.9526	684.984	1033.52	-0.004078	5.79989	41.8039	-0.011563
2.50818	90.091	100.227	684.822	1032.7	0.02038	5.78082	41.8039	-0.01125
2.50918	91.1862	100.227	685.193	1031.33	0.052989	5.75888	41.7052	-0.011875
2.51018	90.6386	100.227	685.535	1030.24	-0.004078	5.73844	41.5572	-0.010938
2.51118	90.7755	100.227	684.984	1029.42	-0.004078	5.73219	41.4091	-0.011875
2.51218	90.3648	100.09	685.784	1029.01	-0.004078	5.79812	41.1824	-0.012188
2.51318	90.7755	100.501	685.193	1029.42	-0.012228	5.79312	41.2117	-0.012813
2.51418	90.6386	100.227	685.193	1027.78	-0.02038	5.79084	40.4222	-0.012188
2.51518	90.6386	100.227	685.65	1029.15	-0.004078	5.79312	40.4222	-0.014083
2.51618	90.3648	100.227	684.507	1029.69	-0.004078	5.79219	40.5209	-0.012188
2.51718	90.3648	99.9526	684.279	1028.6	-0.036885	5.78989	40.0275	-0.012813
2.51818	90.9124	99.9526	685.079	1029.15	-0.004078	5.79489	39.8301	-0.0125
2.51918	90.3648	100.364	684.822	1037.2	-0.004078	5.78844	39.3386	-0.010625
2.52018	90.6386	100.227	685.535	1042.8	-0.004078	5.78719	39.0406	-0.01125
2.52118	90.9124	100.227	685.65	1042.8	0.02038	5.78719	39.0406	-0.012813
2.52218	90.6386	99.6785	684.65	1041.17	-0.004078	5.78844	38.9419	-0.010938
2.52318	90.091	100.227	684.279	1033.93	-0.004078	5.78719	38.8925	-0.01
2.52418	91.0493	100.227	684.507	1031.33	-0.004078	5.78687	38.8432	-0.010938
2.52518	90.6386	99.9526	684.984	1030.24	-0.008152	5.78489	38.5856	-0.013125
2.52618	90.9124	100.09	684.279	1031.74	-0.004078	5.78844	38.4978	-0.015313
2.52718	90.6386	100.364	685.193	1035.16	-0.004078	5.78813	38.7445	-0.012813
2.52818	91.1862	99.9526	685.079	1035.98	-0.004078	5.78989	38.2017	-0.012813
2.52918	90.3648	100.227	684.185	1035.7	-0.004078	5.79344	38.103	-0.011875
2.53018	90.6386	99.6785	683.938	1034.2	-0.004078	5.79344	37.955	-0.011875
2.53118	90.7755	100.501	683.822	1031.33	0.052989	5.79219	37.955	-0.0125
2.53218	90.7755	100.09	683.251	1029.69	-0.02038	5.79187	37.4122	-0.010938
2.53318	90.6386	100.501	682.223	1028.33	-0.004078	5.79489	37.3829	-0.010938
2.53418	90.6386	100.364	680.852	1027.78	-0.004078	5.79856	37.2148	-0.010938
2.53518	90.6386	99.9526	680.51	1027.37	-0.004078	5.79584	36.9188	-0.012813
2.53618	90.3648	100.227	679.253	1024.5	-0.028532	5.79489	36.524	-0.0125
2.53718	90.6386	100.227	676.512	1024.09	-0.012228	5.79812	36.4253	-0.011875
2.53818	91.0493	100.364	676.055	1023.14	0.02038	5.78312	36.672	-0.011563
2.53918	90.6386	100.364	674.913	1019.72	-0.004078	5.76187	36.0799	-0.010938
2.54018	90.6386	100.501	673.543	1017.13	-0.004078	5.74489	35.8825	-0.011875
2.54118	90.3648	100.364	671.943	1014.67	-0.004078	5.72489	35.8825	-0.011563
2.54218	90.7755	100.364	671.487	1011.66	-0.004078	5.76687	35.3397	-0.010825
2.54318	90.6386	99.9526	670.459	1008.39	-0.004078	5.81125	35.4384	-0.012188
2.54418	91.1862	99.9526	671.144	1006.88	-0.004078	5.79844	35.093	-0.011875
2.54518	90.5017	100.364	671.487	1002.51	-0.008152	5.79989	34.8958	-0.012188
2.54618	90.6386	100.364	673.314	999.645	-0.004078	5.79812	34.7989	-0.011563
2.54718	90.5017	99.9526	673.543	994.728	-0.044837	5.79489	34.0588	-0.015313

2.54818	90.2279	99.9528	874.913	991.998	-0.008152	5.79562	34.4515	-0.012188
2.54918	90.3648	100.364	875.599	989.718	0.02038	5.79312	34.4515	-0.012188
2.55018	90.3648	100.501	876.512	985.44	-0.008152	5.79406	33.7114	-0.012188
2.55118	90.5017	100.364	877.854	982.162	-0.004076	5.79406	33.7607	-0.013125
2.55218	90.3648	99.9528	878.34	977.519	-0.004076	5.79989	33.1686	-0.010938
2.55318	90.8386	100.227	879.199	974.514	0.044837	5.78844	33.1192	-0.010825
2.55418	91.1882	100.227	879.025	969.324	-0.004076	5.78719	32.7245	-0.010938
2.55518	90.8386	100.227	879.482	965.773	-0.004076	5.78887	32.9218	-0.012813
2.55618	90.8386	99.6785	879.71	961.285	-0.004076	5.79094	32.379	-0.012813
2.55718	91.0493	99.9528	879.253	955.939	-0.004076	5.78906	32.0336	-0.011563
2.55818	90.8386	99.9528	879.263	950.885	-0.036685	5.78937	31.3922	-0.009688
2.55918	90.9124	99.9528	877.997	948.29	-0.004076	5.79281	31.5402	-0.013438
2.56018	90.5017	100.501	877.883	944.466	-0.004076	5.79312	31.7376	-0.011563
2.56118	90.5017	100.09	877.854	940.778	0.02038	5.79406	31.2935	-0.011563
2.56218	90.7765	100.364	878.398	936.544	-0.004076	5.79688	30.9481	-0.011875
2.56318	90.2279	100.227	874.913	932.173	-0.004076	5.79812	30.852	-0.012813
2.56418	90.8386	99.6785	873.999	928.883	-0.004076	5.79719	30.2572	-0.012813
2.56518	90.3648	100.227	873.771	922.613	0.02038	5.79989	30.3086	-0.012188
2.56618	90.8386	99.4044	873.086	917.422	-0.004076	5.79989	30.0598	-0.012813
2.56718	90.8386	100.501	872.743	912.232	-0.004076	5.80158	29.8625	-0.010825
2.56818	90.8386	100.227	873.314	908.789	-0.004076	5.79406	29.4677	-0.011875
2.56918	90.8386	101.049	873.086	900.213	-0.048913	5.76719	28.6782	-0.016313
2.57018	90.3648	100.227	873.885	899.799	-0.004076	5.75156	29.1716	-0.013125
2.57118	89.9542	100.638	873.885	892.291	-0.004076	5.72844	29.4677	-0.010313
2.57218	90.8386	99.6155	875.027	887.511	-0.004076	5.74563	28.8282	-0.012188
2.57318	90.8386	99.9528	875.941	882.731	-0.004076	5.81887	28.8289	-0.011563
2.57418	90.5017	100.227	876.999	879.043	0.016304	5.79989	28.3328	-0.010938
2.57518	90.9124	99.9528	877.54	873.306	0.024456	5.80344	28.1354	-0.010313
2.57618	90.5017	100.364	878.111	869.209	-0.004076	5.79906	27.8887	-0.01125
2.57718	90.3648	100.227	877.883	864.429	-0.004076	5.79989	27.79	-0.012188
2.57818	90.8386	100.227	876.741	859.848	-0.004076	5.79719	27.5433	-0.013125
2.57918	90.3648	99.5414	875.713	853.229	-0.012228	5.78584	27.4939	-0.011875
2.58018	90.091	100.501	875.142	848.858	-0.012228	5.79489	26.9511	-0.010313
2.58118	90.5017	100.364	873.086	844.214	-0.004076	5.79531	26.8031	-0.012188
2.58218	90.8386	99.9528	872.172	840.117	-0.004076	5.79406	27.1485	-0.011875
2.58318	90.5017	100.501	871.03	834.927	-0.004076	5.79219	26.7044	-0.011563
2.58418	90.8386	100.09	870.801	830.829	-0.004076	5.79344	26.4083	-0.011875
2.58518	90.8386	99.9528	868.745	825.503	0.028532	5.79406	26.0629	-0.010313
2.58618	90.8386	99.9528	868.06	820.995	0.024456	5.79344	25.6895	-0.011875
2.58718	90.5017	99.2673	867.375	816.898	0.048913	5.79489	25.4214	-0.011563
2.58818	90.3648	100.227	868.347	811.435	-0.004076	5.79594	25.3228	-0.012188
2.58918	90.3648	100.364	868.347	806.02	-0.004076	5.79719	25.0287	-0.011563
2.59018	90.8386	99.6785	865.776	801.328	-0.02038	5.79489	25.0267	-0.01125
2.59118	90.3648	99.9528	866.233	798.05	-0.004076	5.79719	24.4346	-0.011563
2.59218	90.5017	100.227	865.661	792.723	-0.004076	5.79906	24.4346	-0.010938
2.59318	90.5017	99.9528	866.233	788.762	-0.004076	5.79989	24.6813	-0.013125
2.59418	90.8386	100.227	865.89	784.391	-0.004076	5.80125	24.0396	-0.011563
2.59518	90.091	100.501	866.233	779.338	0.028532	5.80489	23.9411	-0.013125
2.59618	90.8386	100.09	868.004	774.831	0.02038	5.80219	23.845	-0.013125
2.59718	90.9124	99.9528	868.575	770.187	0.036685	5.80158	23.3983	-0.014063
2.59818	90.5017	100.227	868.233	765.616	-0.004076	5.79844	23.2503	-0.012813
2.59918	90.5017	100.09	865.776	761.308	0.024456	5.77989	22.9542	-0.013438

2.60019	90.5017	100.227	665.09	757.485	-0.004076	5.75469	22.9049	-0.01125
2.60119	90.6386	99.9526	664.862	751.475	-0.004076	5.73438	22.7586	-0.01125
2.60219	91.3231	99.9526	664.405	747.241	-0.004076	5.74625	22.5585	-0.012188
2.60319	90.091	99.9526	663.491	742.461	-0.004076	5.81625	22.1647	-0.013438
2.60419	90.3648	100.227	662.576	736.773	-0.004076	5.79644	22.7586	-0.010938
2.60519	90.6386	100.09	662.121	735.222	-0.004076	5.80167	22.066	-0.010313
2.60619	90.7755	100.227	661.207	730.306	-0.004076	5.80156	21.7206	-0.010313
2.60719	90.5017	100.227	660.864	726.754	-0.004076	5.80437	21.5726	-0.011563
2.60819	90.6386	99.6785	660.522	720.744	-0.004076	5.79644	21.4739	-0.011563
2.60919	90.3648	100.364	659.151	716.647	0.02038	5.79669	21.1778	-0.010625
2.61019	90.6386	99.9526	659.151	712.688	-0.016304	5.79781	21.0791	-0.011875
2.61119	91.1862	99.9526	659.151	709.271	-0.004076	5.79719	20.7337	-0.010625
2.61219	90.6386	100.501	658.58	703.535	-0.012228	5.79469	20.487	-0.011875
2.61319	90.5017	100.09	658.58	698.618	-0.004076	5.79469	20.5363	-0.009688
2.61419	90.9124	99.9526	657.209	693.701	-0.004076	5.79344	20.0922	-0.013125
2.61519	90.3648	99.9526	657.324	689.603	-0.012228	5.7925	20.635	-0.011563
2.61619	90.3648	100.501	657.436	686.599	-0.004076	5.79625	19.6975	-0.012188
2.61719	90.6386	100.501	656.753	681.408	-0.004076	5.79675	19.5494	-0.010938
2.61819	90.7755	99.9526	656.981	677.311	-0.004076	5.79644	19.2534	-0.0125
2.61919	91.1862	100.364	656.753	673.35	-0.006152	5.79669	19.3027	-0.010625
2.62019	90.2279	99.6785	656.638	668.843	0.032809	5.80156	19.2534	-0.011563
2.62119	90.9124	99.9526	655.268	663.926	-0.006152	5.79669	18.9079	-0.012188
2.62219	90.3648	99.9526	655.466	660.785	-0.004076	5.80406	18.4145	-0.010313
2.62319	90.3648	99.6785	655.039	655.459	-0.004076	5.80594	18.5132	-0.010938
2.62419	90.091	100.09	654.562	651.497	-0.004076	5.80875	18.4638	-0.009083
2.62519	90.6386	99.9526	652.412	647.128	-0.02038	5.80906	18.1678	-0.010625
2.62619	90.5017	99.9526	652.298	642.619	-0.004076	5.81125	17.9211	-0.010625
2.62719	90.3648	100.364	651.384	639.614	0.02038	5.81437	17.625	-0.012188
2.62819	90.6386	99.9526	650.242	635.36	-0.004076	5.80937	17.4769	-0.012188
2.62919	90.6386	100.775	649.557	630.873	0.02038	5.78719	16.9342	-0.011563
2.63019	89.9542	100.227	648.186	627.049	-0.004076	5.78594	17.2302	-0.010938
2.63119	90.091	100.501	647.729	622.678	0.028532	5.74969	17.0822	-0.010938
2.63219	90.3648	100.364	647.272	618.307	-0.004076	5.77969	16.9342	-0.012813
2.63319	90.3648	100.227	645.559	615.029	-0.004076	5.82437	16.8848	-0.013438
2.63419	90.7755	99.9526	644.303	610.659	-0.004076	5.80644	16.8355	-0.011875
2.63519	90.6386	99.9526	642.932	607.244	-0.004076	5.81281	16.5384	-0.008438
2.63619	90.5017	99.9526	640.876	603.557	-0.028532	5.81219	16.2927	-0.012813
2.63719	90.6386	100.638	638.135	600.962	-0.004076	5.81031	16.342	-0.011875
2.63819	90.3648	100.09	635.851	598.64	-0.004076	5.81156	16.2433	-0.00875
2.63919	89.8173	100.638	633.338	594.815	-0.004076	5.81156	16.046	-0.009083
2.64019	90.5017	100.364	630.597	592.084	0.02038	5.80625	15.8486	-0.01125
2.64119	90.6386	99.9526	627.513	588.633	0.028532	5.80531	15.7499	-0.011563
2.64219	90.6386	99.6785	624.896	585.528	-0.004076	5.80719	15.3551	-0.011875
2.64319	90.3648	99.6785	622.83	581.977	-0.004076	5.80406	15.5525	-0.010938
2.64419	90.6386	99.9526	619.632	581.157	0.02038	5.80406	15.2664	-0.011875
2.64519	90.091	100.227	617.233	576.24	-0.006152	5.80469	15.2564	-0.011875
2.64619	90.5017	99.6785	616.662	574.055	-0.004076	5.80719	15.3551	-0.009375
2.64719	90.6386	99.9526	613.464	571.323	-0.004076	5.80594	15.4538	-0.014688
2.64819	90.7755	99.9526	611.751	569.548	-0.004076	5.80937	15.5525	-0.011563
2.64919	90.7755	100.227	609.124	567.772	-0.004076	5.80937	15.3551	-0.013125
2.65019	90.5017	99.9526	607.753	565.177	0.02038	5.81094	15.3551	-0.012813
2.65119	90.5017	100.364	605.583	561.898	-0.004076	5.81406	15.5625	-0.010938

2.65219	90.8388	99.9526	603.413	560.123	-0.004076	5.81489	15.5525	-0.011583
2.65319	90.3648	99.5414	601.357	558.621	-0.004076	5.81887	15.5032	-0.011875
2.65419	91.0493	99.9526	598.73	555.48	-0.012228	5.81489	15.4045	-0.010938
2.65519	90.3648	100.775	597.017	554.66	0.02038	5.81719	15.4538	-0.009688
2.65619	90.6388	99.9526	594.732	550.683	-0.012228	5.81938	15.6512	-0.010938
2.65719	90.5017	100.227	592.905	548.924	0.028632	5.81489	15.7005	-0.008438
2.65819	90.5017	100.364	590.164	546.738	-0.004076	5.79856	15.5032	-0.012813
2.65919	90.091	100.227	588.108	545.099	-0.004076	5.76719	15.6018	-0.0125
2.66019	99.9542	100.501	586.509	544.007	0.024456	5.75094	15.9473	-0.010938
2.66119	90.091	100.09	584.224	542.388	-0.004076	5.75489	15.7499	-0.012188
2.66219	90.6388	99.6785	583.31	539.909	-0.004076	5.82719	15.7992	-0.012188
2.66319	91.0493	100.09	580.683	538.27	-0.004076	5.81344	16.0953	-0.010938
2.66419	90.3648	99.8155	578.97	536.358	-0.004076	5.81875	15.7499	-0.013125
2.66519	90.3648	99.9526	576.914	534.992	-0.004076	5.81344	16.048	-0.011875
2.66619	90.5017	100.227	576.001	534.719	-0.004076	5.81489	15.7992	-0.012813
2.66719	90.091	99.9526	573.488	531.714	-0.004076	5.81408	16.0953	-0.012813
2.66819	90.091	100.227	572.688	530.212	0.02038	5.81219	16.1448	-0.009375
2.66919	90.9124	99.9526	569.147	528.71	-0.004076	5.80969	16.2433	-0.011563
2.67019	89.8173	100.501	567.777	527.817	-0.004076	5.80906	16.5394	-0.012813
2.67119	90.3648	100.227	566.178	526.251	-0.004076	5.80969	16.6381	-0.012813
2.67219	90.2279	99.9526	564.807	525.432	-0.008152	5.80875	16.7368	-0.013438
2.67319	90.3648	99.9526	563.551	524.749	-0.004076	5.81219	16.8355	-0.012813
2.67419	90.3648	99.9526	562.523	523.656	-0.004076	5.80906	17.0822	-0.011875
2.67519	91.1862	99.9526	561.609	522.427	0.028532	5.81083	17.0822	-0.010938
2.67619	90.2279	99.9526	560.01	523.519	-0.004076	5.81187	17.3289	-0.012813
2.67719	90.3648	99.9526	558.411	522.973	-0.008152	5.81219	17.4276	-0.012813
2.67819	90.3648	100.227	557.289	520.241	-0.02038	5.81375	17.7237	-0.012813
2.67919	90.3648	99.6785	556.812	520.788	-0.004076	5.81469	17.9704	-0.008125
2.68019	90.3648	100.227	554.758	520.515	-0.004076	5.81625	18.1184	-0.011563
2.68119	90.3648	100.501	554.758	520.241	-0.004076	5.81906	18.6132	-0.011563
2.68219	90.6388	100.364	554.528	520.788	-0.004076	5.82188	18.5825	-0.012813
2.68319	90.091	100.501	553.386	520.378	-0.004076	5.81989	18.5132	-0.013438
2.68419	90.2279	100.364	552.586	521.061	-0.004076	5.82489	18.9573	-0.01125
2.68519	90.6388	99.9526	551.786	521.471	0.024456	5.82656	19.056	-0.01125
2.68619	90.3648	99.9526	551.558	522.154	0.052989	5.82281	19.3027	-0.010313
2.68719	90.3648	99.9526	551.215	522.7	-0.004076	5.79781	19.4507	-0.011563
2.68819	90.6388	100.09	550.416	523.383	-0.004076	5.77906	19.6975	-0.01125
2.68919	90.3648	99.9526	550.844	523.928	-0.004076	5.75844	19.7981	-0.012188
2.69019	90.3648	100.227	550.873	524.339	-0.004076	5.75906	20.0429	-0.0075
2.69119	90.6388	99.8155	549.502	525.588	-0.004076	5.83375	20.487	-0.0125
2.69219	90.5017	100.227	549.73	527.617	-0.004076	5.82094	20.5857	-0.010938
2.69319	90.5017	100.227	550.416	527.89	0.02038	5.82489	20.8817	-0.012188
2.69419	90.5017	100.227	549.502	529.802	-0.004076	5.82312	20.9804	-0.010938
2.69519	90.5017	99.5414	549.73	529.802	-0.004076	5.82489	21.5726	-0.012188
2.69619	90.3648	99.9526	549.274	531.168	-0.004076	5.82219	21.7899	-0.011563
2.69719	90.5017	99.9526	549.502	530.622	0.040761	5.81989	21.818	-0.012813
2.69819	90.091	99.9526	549.274	530.895	-0.004076	5.81844	22.2634	-0.011563
2.69919	90.3648	100.227	548.131	532.124	-0.004076	5.81906	22.4808	-0.012813
2.70019	90.6388	99.9526	547.56	530.075	-0.008152	5.81687	22.6581	-0.009375
2.70119	90.3648	100.09	545.819	528.71	-0.004076	5.81489	22.9542	-0.010313
2.70219	90.6388	100.227	544.591	528.183	-0.004076	5.81687	23.1022	-0.011563
2.70319	90.6388	100.09	543.677	527.207	-0.004076	5.81562	23.3983	-0.01125

2.70419	90.5017	99.9526	542.992	526.797	-0.004076	5.81844	23.7931	-0.011563
2.70519	90.091	100.775	542.078	526.388	-0.004076	5.82094	23.9411	-0.010313
2.70619	89.8173	100.838	541.507	526.251	-0.004076	5.82219	24.2372	-0.012188
2.70719	90.2279	100.384	540.821	525.705	-0.004076	5.81906	24.2665	-0.010313
2.70819	90.6386	99.9526	540.821	525.705	0.040781	5.82344	24.6319	-0.011563
2.7092	90.3848	100.09	541.276	526.251	-0.012228	5.82594	24.9773	-0.012188
2.7102	90.091	100.227	541.393	526.524	-0.004076	5.82719	24.928	-0.0125
2.7112	90.6386	100.09	542.078	526.934	-0.004076	5.82684	25.3721	-0.012188
2.7122	90.9124	100.09	543.106	528.163	-0.004076	5.82969	25.7175	-0.010313
2.7132	90.6386	99.9526	542.649	528.163	-0.004076	5.83187	25.5201	-0.013436
2.7142	90.3848	99.9526	542.877	528.71	-0.016304	5.82969	26.0136	-0.014063
2.7152	90.6386	99.9526	543.791	530.349	-0.016304	5.82469	26.7538	-0.013125
2.7162	90.3848	100.227	544.476	531.168	0.02038	5.8025	26.4083	-0.011563
2.7172	90.091	100.09	544.362	532.67	-0.004076	5.78656	27.0992	-0.01125
2.7182	90.091	100.227	544.476	533.353	0.02038	5.78219	27.1979	-0.012188
2.7192	90.7755	99.9526	545.733	534.992	0.024456	5.80969	27.642	-0.011563
2.7202	90.6386	100.227	546.39	536.631	-0.004076	5.84312	27.938	-0.010938
2.7212	90.6386	100.227	546.19	538.407	-0.02038	5.83031	28.1847	-0.010313
2.7222	90.6386	99.9526	545.847	539.953	-0.008152	5.83219	28.5302	-0.010313
2.7232	89.9542	100.384	546.875	539.909	-0.012228	5.83312	28.8782	-0.010313
2.7242	90.3848	99.9526	547.218	541.275	-0.036885	5.83219	28.9249	-0.010625
2.7252	90.3848	99.8155	546.761	541.821	-0.004076	5.82844	29.3197	-0.01125
2.7262	90.3848	99.4044	547.103	544.553	-0.004076	5.82675	29.1716	-0.010938
2.7272	90.7755	99.9526	546.761	546.055	-0.004076	5.82594	29.9118	-0.011563
2.7282	90.6386	99.9526	546.969	548.104	-0.004076	5.82531	29.9612	-0.01125
2.7292	90.6386	100.227	547.103	549.47	-0.004076	5.82594	30.2572	-0.01125
2.7302	90.6386	100.09	547.446	550.153	0.067065	5.82406	30.4548	-0.011563
2.7312	90.6386	100.227	547.674	552.202	-0.004076	5.82219	30.5533	-0.012188
2.7322	90.6386	99.9526	547.789	554.933	-0.004076	5.82094	30.7013	-0.011675
2.7332	90.9124	100.227	549.045	556.846	-0.004076	5.82219	30.8494	-0.012813
2.7342	90.6386	99.9526	549.045	559.031	-0.012228	5.82219	31.1454	-0.010313
2.7352	90.091	100.501	549.274	559.304	-0.02038	5.81906	30.9481	-0.01375
2.7362	90.3848	100.227	550.416	563.126	-0.004076	5.82281	31.5402	-0.011563
2.7372	90.6386	100.227	551.215	565.314	-0.004076	5.82719	31.9349	-0.01125
2.7382	90.5017	99.9526	551.558	568.045	-0.004076	5.82937	31.6389	-0.012188
2.7392	90.6386	100.227	552.243	570.231	-0.004076	5.83375	31.7376	-0.012188
2.7402	90.5017	99.9526	552.814	572.143	-0.004076	5.83312	31.8363	-0.042188
2.7412	90.5017	99.9526	553.043	574.601	-0.004076	5.83219	32.083	-0.010313
2.7422	90.091	100.501	553.956	577.333	-0.02038	5.83219	32.1323	-0.010313
2.7432	89.8173	100.501	554.071	579.382	-0.004076	5.82906	32.1323	-0.011875
2.7442	89.6804	100.501	554.528	581.567	-0.004076	5.80531	32.231	-0.011563
2.7452	90.6386	100.09	554.984	583.206	-0.004076	5.78594	32.231	-0.010938
2.7462	90.6386	99.8155	555.327	584.708	-0.028532	5.76844	32.083	-0.01125
2.7472	90.7755	100.775	555.213	587.167	-0.004076	5.81344	32.5764	-0.011563
2.7482	90.9124	99.9526	556.812	589.489	-0.004076	5.83969	32.6258	-0.013125
2.7492	90.6386	99.9526	556.583	590.991	-0.004076	5.83219	32.4284	-0.012188
2.7502	90.6386	99.8155	557.269	592.903	-0.004076	5.83812	32.4777	-0.012813
2.7512	90.6386	99.8155	557.611	595.225	-0.004076	5.83375	32.6258	-0.010625
2.7522	90.5017	100.227	558.411	597.41	0.036685	5.83126	32.8232	-0.010313
2.7532	90.6386	100.227	558.639	598.083	-0.004076	5.83125	32.5271	-0.010625
2.7542	90.6386	100.384	559.782	600.686	-0.048913	5.83158	32.6258	-0.011563
2.7552	90.9124	100.227	560.238	603.01	-0.55842	5.82813	32.7245	-0.010625

2.7582	89.8173	100.775	581.288	604.103	-2.04618	5.82656	32.9218	-0.01125
2.7572	90.6388	100.09	559.898	605.489	-3.02851	5.82594	32.3287	-0.013438
2.7582	90.9124	100.227	580.581	607.927	-2.5883	5.82719	32.9218	-0.010825
2.7582	90.5017	99.9526	581.288	610.249	-2.19282	5.82582	33.4846	-0.01125
2.7602	90.5017	99.8155	582.751	611.206	-1.84238	5.82719	32.9218	-0.013125
2.7612	90.7755	100.09	583.208	613.254	-1.51222	5.83094	33.2673	-0.012188
2.7622	90.7755	100.227	583.437	614.82	-1.23505	5.83094	33.2179	-0.012188
2.7632	90.3848	100.384	584.465	618.668	-0.970102	5.83156	33.1192	-0.01125
2.7642	90.5017	99.9526	584.807	618.171	-0.957874	5.83091	33.1192	-0.011875
2.7652	90.5017	99.4044	585.721	620.493	-1.30026	5.83219	33.3168	-0.012188
2.7682	90.3848	100.227	585.949	621.859	-1.81385	5.83469	33.1192	-0.012188
2.7672	90.3848	99.9526	586.863	623.224	-1.93613	5.83906	33.0205	-0.012813
2.7682	90.5017	99.4044	587.32	623.907	-1.70787	5.83719	32.9712	-0.013125
2.7692	90.7755	100.227	587.32	627.595	-1.40624	5.83989	33.3168	-0.01375
2.7702	90.6388	99.9526	588.005	628.688	-1.3451	5.83906	33.7114	-0.012813
2.7712	90.9124	100.384	588.005	631.01	-1.42254	5.81844	33.6127	-0.011563
2.7722	90.2279	99.9526	588.482	632.512	-1.54075	5.79989	33.7114	-0.011875
2.7732	90.5017	99.9526	588.234	634.151	-1.56928	5.77906	33.514	-0.011875
2.7742	90.7755	100.227	588.578	635.79	-1.47148	5.77281	33.7114	-0.010313
2.7752	91.1862	100.227	589.376	637.588	-1.40216	5.84489	33.6127	-0.011563
2.7762	90.6388	100.384	589.604	639.068	-1.39401	5.84344	33.7114	-0.011563
2.7772	90.3848	100.09	589.49	640.707	-1.45923	5.84219	33.9087	-0.013438
2.7782	90.091	100.501	570.518	643.029	-1.47148	5.83989	33.7807	-0.010313
2.7792	90.6388	99.9526	589.147	643.439	-1.48776	5.83719	33.3859	-0.015313
2.7802	90.3848	99.5414	589.376	646.034	-1.40216	5.84156	33.81	-0.012813
2.7812	90.3848	99.9526	570.632	647.673	-1.39401	5.83906	34.4022	-0.012188
2.7822	90.9124	100.384	570.881	649.312	-1.42254	5.83812	33.9581	-0.011563
2.7832	90.9124	100.227	570.881	651.087	-1.42662	5.83781	33.9087	-0.012188
2.7842	90.2279	99.9526	571.203	653.273	-1.41439	5.83989	34.0074	-0.012188
2.7852	90.5017	100.09	570.975	654.385	-1.38178	5.83344	34.2541	-0.010938
2.7862	90.7755	99.9526	571.68	655.458	-1.39809	5.83531	33.9087	-0.014063
2.7872	90.091	99.8785	570.975	657.233	-1.38994	5.83812	34.1555	-0.010625
2.7882	90.6388	99.8155	571.889	659.282	-1.41032	5.83781	34.0074	-0.011563
2.7892	90.5017	100.227	572.117	659.692	-1.41439	5.83469	33.7807	-0.010313
2.7902	90.091	100.384	571.889	659.692	-1.44293	5.83719	33.4846	-0.015313
2.7912	90.6388	100.09	572.231	662.697	-1.39809	5.84125	33.9581	-0.012813
2.7922	90.5017	100.227	572.802	663.853	-1.4307	5.84156	34.1081	-0.012813
2.7932	90.6388	99.8155	572.574	665.701	-1.38994	5.84344	33.9087	-0.011563
2.7942	90.6388	100.227	572.888	666.248	-1.39809	5.84594	33.7807	-0.012813
2.7952	90.6388	99.9526	573.145	667.75	-1.39809	5.84469	33.9581	-0.012188
2.7962	90.7755	99.9526	573.602	669.253	-1.41032	5.84594	33.7807	-0.011875
2.7972	91.1862	100.501	573.488	670.209	-1.40216	5.84825	33.9087	-0.013438
2.7982	90.6388	100.227	573.145	672.394	-1.43885	5.83156	33.7114	-0.0125
2.7992	90.6388	99.4044	573.718	673.78	-1.42662	5.80825	33.81	-0.011875
2.8002	90.3848	99.5414	573.488	674.308	-1.42254	5.78989	33.6127	-0.012188
2.8012	90.7755	100.227	574.518	675.809	-1.4307	5.77219	33.7114	-0.010313
2.8022	90.091	99.8155	573.488	675.872	-1.48331	5.82844	33.3859	-0.013438
2.8032	90.6388	99.9526	574.287	677.311	-1.48331	5.85781	34.4022	-0.010313
2.8042	90.9124	99.9526	574.63	679.087	-1.43885	5.84844	33.862	-0.010938
2.8052	90.7755	99.9526	574.401	680.589	-1.45515	5.84844	33.7114	-0.011563
2.8062	90.7755	100.227	574.858	681.882	-1.41847	5.85219	33.9087	-0.012188
2.8072	90.6388	100.09	574.63	682.774	-1.4307	5.84719	33.7114	-0.009063

2.8082	90.6386	99.9526	574.858	683.457	-1.48369	5.84344	33.514	-0.010313
2.8092	90.7755	100.227	575.087	685.506	-1.48369	5.84489	33.5633	-0.010625
2.8102	90.6386	99.9526	574.401	687.964	-1.46331	5.84656	33.7114	-0.013438
2.8112	90.7755	100.775	575.087	688.872	-1.48778	5.84312	33.81	-0.010938
2.8122	90.7755	99.5414	575.772	688.238	-1.52037	5.83781	33.882	-0.010313
2.8132	90.6386	100.364	575.087	690.286	-1.48778	5.83969	33.514	-0.014063
2.8142	90.7755	100.227	575.315	691.106	-1.50814	5.83969	33.9087	-0.012813
2.8152	90.9124	100.227	575.772	692.472	-1.5326	5.83969	33.514	-0.012188
2.8162	90.6386	100.227	575.315	693.154	-1.53687	5.84719	33.81	-0.012813
2.8172	90.3648	99.8526	576.229	695.067	-1.50407	5.84594	33.7114	-0.011875
2.8182	90.6386	99.8155	575.201	695.886	-1.51222	5.84406	33.81	-0.011875
2.8192	90.7755	100.227	576.229	696.979	-1.50407	5.84812	33.7114	-0.012188
2.8202	90.9124	100.09	575.544	696.979	-1.55298	5.84908	33.9581	-0.012188
2.8212	90.6386	100.364	576.115	698.891	-1.54075	5.84909	33.9087	-0.012188
2.8222	90.7755	100.09	576.457	700.257	-1.52852	5.85375	34.0074	-0.011563
2.8232	90.5017	100.364	577.371	701.213	-1.54483	5.85531	33.81	-0.008125
2.8242	90.6386	99.9526	575.544	701.349	-1.54075	5.85938	33.8594	-0.011563
2.8252	91.1882	100.09	576.8	702.988	-1.55298	5.84469	33.9087	-0.010938
2.8262	90.6386	100.227	576.8	704.218	-1.56928	5.8225	33.9087	-0.010313
2.8272	90.6386	99.9526	576.229	705.174	-1.54075	5.80219	33.81	-0.011875
2.8282	90.5017	100.227	576.572	705.447	-1.55298	5.78469	34.0074	-0.010313
2.8292	91.1882	100.501	577.257	707.222	-1.54075	5.85219	33.7114	-0.012188
2.8302	91.1882	100.775	577.6	707.905	-1.56928	5.86094	33.514	-0.011875
2.8312	90.6386	99.9526	577.371	708.452	-1.57336	5.85812	33.7607	-0.010938
2.8322	90.6386	100.364	576.8	710.637	-1.56928	5.85719	33.514	-0.012813
2.8332	90.6386	100.227	577.371	710.091	-1.58151	5.85781	33.9087	-0.01125
2.8342	90.6386	100.775	578.171	711.183	-1.58298	5.85313	33.9087	-0.008125
2.8352	90.7755	100.227	577.714	712.003	-1.56928	5.85313	33.9859	-0.013438
2.8362	90.5017	100.501	578.171	713.232	-1.5489	5.85375	34.3035	-0.010938
2.8372	90.6386	100.227	577.371	714.461	-1.54483	5.85219	33.682	-0.010313
2.8382	90.6386	100.227	577.6	715.008	-1.54483	5.85219	33.6127	-0.012813
2.8392	90.6386	100.227	577.371	716.1	-1.52037	5.85908	33.81	-0.011563
2.8402	90.7755	100.09	577.257	716.647	-1.52852	5.85408	33.514	-0.012813
2.8412	90.3648	100.09	578.056	717.486	-1.50407	5.85219	33.6127	-0.009888
2.8422	90.9124	100.638	577.828	718.559	-1.52852	5.85469	33.7114	-0.011875
2.8432	90.7755	100.227	577.371	719.851	-1.51222	5.85658	33.514	-0.0125
2.8442	90.3648	99.4044	577.371	719.378	-1.51222	5.85719	33.514	-0.011875
2.8452	90.7755	100.227	578.742	721.017	-1.48778	5.86094	33.7114	-0.007188
2.8462	90.6386	100.227	577.714	722.11	-1.48331	5.86219	33.6127	-0.012813
2.8472	90.081	99.5414	577.143	722.11	-1.47146	5.86219	34.0568	-0.010313
2.84821	90.9124	99.9526	577.828	723.476	-1.46331	5.86344	34.1555	-0.011563
2.84921	91.0493	99.9526	578.056	724.295	-1.41032	5.86656	33.4846	-0.011563
2.85021	90.6386	100.227	577.257	725.251	-1.40624	5.86562	33.5633	-0.013438
2.85121	90.6386	99.9526	577.828	726.207	-1.38178	5.85844	33.81	-0.0125
2.85221	90.7755	99.9526	578.056	726.89	-1.36548	5.83719	33.81	-0.010938
2.85321	90.9124	100.501	578.742	728.393	-1.34102	5.81969	33.9087	-0.009888
2.85421	90.6386	99.8155	577.371	729.212	-1.34102	5.79969	33.7114	-0.013438
2.85521	90.9124	100.364	578.286	729.076	-1.29619	5.82469	33.81	-0.010313
2.85621	90.9124	100.09	578.286	729.349	-1.31657	5.88469	34.1081	-0.006438
2.85721	90.9124	100.227	578.286	730.305	-1.25135	5.86687	33.81	-0.011563
2.85821	90.091	99.9526	577.942	731.398	-1.2492	5.87344	34.3035	-0.011563
2.85921	91.1882	100.775	578.856	731.398	-1.19429	5.87219	33.8594	-0.011563

2.88021	90.7755	100.227	578.742	734.129	-1.14945	5.87187	33.6127	-0.011876
2.88121	90.7755	100.227	578.742	733.31	-1.12907	5.87094	33.6594	-0.011563
2.88221	90.6388	99.9526	578.285	734.129	-1.11276	5.86844	33.514	-0.010938
2.88321	90.6388	100.501	579.199	735.768	-1.05162	5.86781	33.7607	-0.0125
2.88421	91.1862	100.501	578.742	736.178	-1.072	5.86469	33.7114	-0.012813
2.88521	90.9124	99.9526	578.513	736.588	-1.05978	5.86219	34.1061	-0.01125
2.88621	90.7755	99.9526	578.742	737.88	-1.01494	5.85969	33.81	-0.012188
2.88721	90.7755	100.364	579.656	738.227	-0.98233	5.86219	34.0074	-0.009376
2.88821	90.9124	100.501	578.742	739.456	-0.937494	5.86719	34.0074	-0.013125
2.88921	90.9124	99.9526	578.628	739.866	-0.929342	5.86719	34.2048	-0.010838
2.87021	90.7755	100.09	578.97	740.885	-0.900909	5.86844	34.4022	-0.010313
2.87121	90.9124	100.09	579.199	741.231	-0.880049	5.87219	34.0588	-0.012188
2.87221	90.7755	100.364	579.427	742.461	-0.835582	5.87319	34.2541	-0.010625
2.87321	90.7755	100.227	578.97	743.28	-0.794832	5.87719	34.1061	-0.011563
2.87421	90.9124	99.9526	578.97	743.69	-0.754071	5.88094	33.9087	-0.011876
2.87521	90.9124	100.364	578.97	744.373	-0.770375	5.88188	34.1061	-0.011563
2.87621	90.9124	100.501	579.884	746.148	-0.754071	5.88375	34.2541	-0.010625
2.87721	90.9124	99.9526	579.884	745.602	-0.71331	5.87781	34.5502	-0.01125
2.87821	90.7755	100.227	579.656	746.685	-0.684778	5.85489	34.5008	-0.008125
2.87921	90.091	99.8785	579.199	747.241	-0.664398	5.83094	34.4022	-0.012813
2.88021	90.3648	99.8155	579.998	748.334	-0.623837	5.81375	34.8956	-0.010625
2.88121	90.7755	100.364	579.77	749.017	-0.615485	5.84344	34.7969	-0.012188
2.88221	90.9124	99.9526	579.427	749.973	-0.574724	5.89844	34.6982	-0.0125
2.88321	91.4599	100.227	579.656	750.109	-0.574724	5.88156	34.5008	-0.012813
2.88421	90.6388	99.9526	579.884	751.339	-0.533984	5.88408	34.5998	-0.011563
2.88521	91.7338	100.775	580.589	752.431	-0.484871	5.87875	34.8463	-0.011563
2.88621	91.0493	100.227	580.227	752.704	-0.493203	5.87906	34.6489	-0.011563
2.88721	91.4599	101.049	580.455	754.207	-0.488747	5.87937	34.9943	-0.012188
2.88821	90.7755	99.9526	580.683	753.797	-0.480595	5.87781	35.093	-0.010938
2.88921	91.0493	100.227	581.94	755.438	-0.448367	5.87687	34.8463	-0.010313
2.89021	91.1862	100.501	580.798	755.982	-0.38316	5.87969	35.2904	-0.011563
2.89121	90.9124	100.227	580.455	757.075	-0.395378	5.87408	35.093	-0.012813
2.89221	90.6388	100.364	580.912	757.758	-0.354617	5.87694	35.2904	-0.011875
2.89321	90.9124	99.9526	580.798	758.851	-0.354617	5.87887	35.1917	-0.012813
2.89421	90.9124	100.364	581.711	760.626	-0.305705	5.87989	35.4384	-0.013438
2.89521	91.4599	99.9526	580.798	760.899	-0.313857	5.87687	35.2904	-0.012188
2.89621	90.6388	100.501	581.711	761.992	-0.305705	5.87875	35.4878	-0.011875
2.89721	90.5017	100.227	581.255	762.675	-0.281248	5.88156	35.7838	-0.009375
2.89821	90.9124	100.501	581.84	764.45	-0.273086	5.87969	35.6851	-0.012188
2.89921	90.6388	100.227	581.483	763.904	-0.284944	5.88406	35.6358	-0.012813
2.90021	90.9124	100.364	581.483	763.494	-0.284944	5.88406	35.8332	-0.011563
2.90121	90.9124	100.501	581.369	764.724	-0.238411	5.88594	35.7345	-0.013125
2.90221	91.0493	99.9526	581.483	765.816	-0.216031	5.88906	36.376	-0.012188
2.90321	90.3648	100.227	581.94	767.455	-0.199727	5.87594	35.9812	-0.011563
2.90421	90.3648	99.9526	581.94	767.865	-0.171195	5.84844	36.2279	-0.010625
2.90521	90.9124	100.364	581.483	768.821	-0.191575	5.82989	36.1292	-0.01125
2.90621	90.7755	100.501	582.283	769.914	-0.142662	5.81719	36.1786	-0.012188
2.90721	91.1862	100.501	582.397	770.48	-0.11413	5.88594	36.376	-0.01125
2.90821	90.9124	100.227	582.054	771.279	-0.175271	5.89313	36.0799	-0.012188
2.90921	90.9124	100.501	582.854	772.099	-0.150814	5.88875	36.4747	-0.01125
2.91021	90.2279	100.227	582.283	772.099	-0.150814	5.88719	36.4747	-0.011876
2.91121	90.9124	100.775	582.854	773.192	-0.142662	5.88969	36.5733	-0.009688

2.91221	90.9124	99.9528	581.94	774.011	-0.150814	5.88781	36.4747	-0.013438
2.91321	91.1882	99.9155	582.168	774.557	-0.128358	5.88719	36.4747	-0.012813
2.91421	90.2279	99.9528	582.825	777.016	-0.093749	5.88875	36.8894	-0.012188
2.91521	90.9124	99.9528	582.283	778.743	-0.118206	5.88582	36.872	-0.010938
2.91621	90.9124	99.9528	582.739	777.428	-0.110054	5.88094	36.8201	-0.011583
2.91721	90.8386	100.227	582.397	778.245	-0.093749	5.88281	36.8227	-0.010938
2.91821	91.1882	100.227	582.825	778.928	-0.073369	5.88375	37.1655	-0.0125
2.91921	91.0493	100.09	582.168	779.474	-0.118206	5.88312	37.0689	-0.010313
2.92021	91.1882	100.501	582.825	780.977	-0.110054	5.88281	36.8894	-0.011583
2.92121	90.9124	100.227	582.825	781.88	-0.11413	5.88858	37.0174	-0.010313
2.92221	91.0493	100.227	582.854	782.208	-0.105978	5.88858	36.9188	-0.011875
2.92321	90.9124	100.227	582.739	782.889	-0.105978	5.88719	36.8201	-0.011583
2.92421	90.9124	100.227	582.168	783.435	-0.110054	5.89083	36.8894	-0.011583
2.92521	91.1882	100.501	582.854	784.391	-0.122282	5.89187	37.1161	-0.010938
2.92621	90.9124	99.9528	582.854	784.839	-0.110054	5.88219	37.1655	-0.010313
2.92721	90.9124	100.384	582.511	785.757	-0.128358	5.88489	37.2148	-0.010938
2.92821	91.1882	100.838	583.853	786.577	-0.093749	5.88687	36.9881	-0.012813
2.92921	90.9124	100.227	583.539	787.396	-0.099283	5.88344	37.0174	-0.0125
2.93021	90.8386	100.501	583.853	788.825	-0.110054	5.84489	37.0174	-0.011875
2.93121	90.3848	100.384	583.539	790.401	-0.110054	5.82489	37.5802	-0.010313
2.93221	91.0493	100.227	583.539	789.855	-0.150814	5.88489	37.1655	-0.011583
2.93321	91.1882	100.501	583.539	790.128	-0.13451	5.91094	37.4815	-0.010625
2.93421	91.5869	99.8155	583.425	790.538	-0.13451	5.88408	37.0688	-0.012188
2.93521	90.7755	100.384	582.854	791.903	-0.118206	5.90156	37.6589	-0.010938
2.93621	91.1882	100.501	583.853	792.996	-0.118206	5.90094	37.8563	-0.010938
2.93721	90.9124	100.384	583.539	793.133	-0.13451	5.88719	37.4815	-0.010938
2.93821	90.9124	100.384	583.787	794.382	-0.142682	5.88684	37.6589	-0.00875
2.93921	90.5017	100.227	583.986	794.498	-0.146738	5.88489	37.6096	-0.009063
2.94021	90.8386	100.227	583.31	795.884	-0.105978	5.88531	37.6096	-0.012188
2.94121	90.9124	100.501	583.882	795.884	-0.13451	5.88281	37.4122	-0.012188
2.94221	90.9124	99.9528	583.853	797.094	-0.142682	5.88344	37.4122	-0.009063
2.94321	90.9124	100.227	583.787	798.05	-0.150814	5.88094	37.5802	-0.01125
2.94421	90.7755	99.9528	583.198	798.188	-0.142682	5.88219	37.7578	-0.013438
2.94521	90.091	100.384	583.425	798.889	-0.15489	5.88219	37.4615	-0.01375
2.94621	90.7755	100.227	583.198	799.889	-0.146738	5.88281	37.7578	-0.011875
2.94721	90.8386	100.501	583.31	800.508	-0.142682	5.88344	37.6589	-0.01125
2.94821	91.4589	99.9528	583.787	801.054	-0.142682	5.88584	37.2842	-0.0125
2.94921	90.7755	100.227	583.882	801.191	-0.130434	5.90219	37.5802	-0.012188
2.95021	91.4589	99.4044	583.986	802.147	-0.13451	5.88889	37.4615	-0.012813
2.95121	90.9124	99.9528	584.224	803.513	-0.081141	5.90438	37.6589	-0.011583
2.95221	90.3848	100.227	583.882	803.786	-0.13451	5.90489	37.855	-0.011875
2.95321	90.8386	100.227	583.787	805.898	-0.105978	5.88812	37.6096	-0.011583
2.95421	91.1882	100.384	584.224	804.059	-0.105978	5.88844	37.7578	-0.009063
2.95521	91.0493	100.227	584.338	805.898	-0.101902	5.85281	37.7578	-0.010938
2.95621	90.9124	100.384	583.31	805.152	-0.138588	5.83312	37.1655	-0.01125
2.95721	90.3848	100.227	583.787	808.245	-0.118206	5.88219	37.6589	-0.011583
2.95821	90.3848	99.9528	584.453	807.81	-0.089873	5.91908	38.2017	-0.010313
2.95921	90.9124	100.227	584.224	808.43	-0.073369	5.90584	37.2842	-0.011583
2.96021	90.9124	100.227	584.224	808.43	-0.069283	6.81156	37.7578	-0.01125
2.96121	91.4589	100.227	584.681	809.932	-0.081141	6.80594	37.6802	-0.010938
2.96221	90.7755	100.501	584.681	810.342	-0.044837	5.90887	37.8563	-0.013438
2.96321	91.1882	100.384	584.453	810.815	-0.040761	5.90812	37.5109	-0.011875

2.98421	81.3231	99.5414	584.338	811.435	-0.038885	5.90469	37.3829	-0.013438
2.98521	90.8124	100.384	584.338	812.254	-0.02038	5.90219	37.6589	-0.012813
2.98621	81.0493	100.501	583.986	811.961	-0.012228	5.90219	37.1855	-0.0125
2.98721	90.7755	100.501	584.681	811.708	-0.028532	5.90844	37.2842	-0.014063
2.98821	90.8124	100.227	584.224	813.62	-0.004076	5.90837	37.4815	-0.012813
2.98921	81.0493	100.384	584.681	814.439	-0.004076	5.90868	37.8098	-0.012188
2.97021	90.5017	100.384	584.681	814.868	0.028532	5.9025	37.4815	-0.012813
2.97121	81.1862	99.4044	584.681	815.942	-0.004076	5.90344	37.3829	-0.010838
2.97221	91.7338	99.9526	584.338	815.532	0.02038	5.90344	37.4815	-0.010938
2.97321	90.6386	99.9526	584.567	816.352	-0.004076	5.90312	37.3135	-0.011583
2.97421	90.8124	99.9526	584.567	816.352	-0.004076	5.90281	37.4815	-0.012813
2.97521	90.3848	100.227	584.453	817.171	-0.004076	5.90887	37.3829	-0.01125
2.97621	90.9124	100.227	584.453	817.717	-0.004076	5.90844	37.5109	-0.01125
2.97721	91.1862	100.501	585.138	817.717	-0.004076	5.90868	37.4815	-0.010313
2.97821	81.1862	100.227	583.767	816.825	-0.028532	6.88219	36.672	-0.013438
2.97921	91.1862	100.227	584.11	817.991	-0.004076	5.87063	37.3829	-0.011583
2.98021	90.8124	99.9526	584.681	819.63	0.032609	6.84719	37.807	-0.010313
2.98121	90.6386	100.501	584.681	819.788	-0.004076	5.83812	37.3135	-0.013125
2.98221	90.8124	100.638	584.681	819.803	-0.004076	5.90868	37.2842	-0.010313
2.98321	90.5017	99.9526	584.681	820.178	-0.004076	5.91469	37.0174	-0.0125
2.98421	81.0493	100.501	584.681	820.722	-0.004076	5.91344	37.1855	-0.012813
2.98521	81.0493	100.501	585.138	820.722	-0.004076	5.91344	36.8684	-0.012188
2.98622	81.4598	99.4044	584.681	821.542	-0.004076	5.90868	36.9188	-0.011583
2.98722	90.5017	99.9526	584.681	823.044	-0.004076	5.91094	36.8684	-0.012188
2.98822	91.1862	99.9526	584.681	821.951	-0.004076	5.90868	36.8201	-0.012813
2.98922	91.1862	100.638	584.11	821.405	-0.02038	5.90469	36.4747	-0.013438
2.99022	81.1862	99.9526	584.681	823.044	-0.008152	6.80562	36.9681	-0.010938
2.99122	90.8124	99.9526	584.681	823.181	-0.004076	5.90781	36.9681	-0.010313
2.99222	90.8124	99.9526	584.567	823.454	-0.004076	5.90531	36.376	-0.010825
2.99322	90.8124	100.09	585.138	824	-0.004076	5.91094	36.672	-0.010938
2.99422	90.8124	100.384	584.681	824.273	-0.004076	5.90844	36.7214	-0.010838
2.99522	91.7338	99.5414	584.681	824.273	0.028532	5.90531	36.4253	-0.010313
2.99622	91.1862	99.5414	584.681	824.41	-0.004076	5.90781	36.2773	-0.013125
2.99722	90.8124	100.501	584.681	825.366	-0.004076	5.91187	36.376	-0.012813
2.99822	91.1862	100.384	583.986	825.093	-0.008152	5.91094	36.672	-0.012188
2.99922	91.1862	99.9526	585.138	824.273	-0.008152	5.91437	36.1292	-0.0125

0	82.0193	95.5881	18.0484	2.59506	40.5772	0.024083	-0.338488	5.17808
0.001	82.1561	94.7463	17.5895	2.86823	40.0717	0.0225	-1.02731	5.17719
0.002	82.2928	96.1161	17.4753	3.27797	39.6438	0.023125	-0.829936	5.17969
0.003	81.8826	95.5881	17.9322	2.73184	38.8326	0.020313	-0.731246	5.18281
0.004	81.8826	95.5881	18.2749	3.14139	38.853	0.022188	-0.484523	5.18094
0.005	82.1561	96.1161	17.1327	3.00481	40.1696	0.0225	-0.632557	5.17844
0.006	82.1561	95.7051	17.4753	2.59506	41.0337	0.0225	-0.829936	5.17469
0.007001	82.1561	95.5881	17.0185	3.55114	41.8043	0.020313	-0.829936	5.15719
0.008001	81.6091	95.5881	17.4753	2.04873	41.7185	0.021583	-0.435178	5.13781
0.009001	82.1561	95.8421	17.2469	2.04873	41.2416	0.019375	-1.22469	5.11969
0.010001	82.0193	95.4312	17.1327	3.00481	40.9359	0.023438	-0.731246	5.16937
0.011001	82.1561	95.5881	17.3611	3.00481	38.6288	0.02125	-0.287144	5.18084
0.012001	82.0193	95.2942	17.4753	3.41455	39.3421	0.019688	-0.632557	5.18094
0.013001	82.0193	96.1161	17.2469	2.73184	40.5201	0.021583	-0.435178	5.18084
0.014001	82.2928	95.0203	17.3611	2.59506	41.0826	0.021583	-0.632557	5.17856
0.015001	82.2928	95.9791	17.4753	2.86823	41.2946	0.02125	-0.632557	5.17406
0.016001	82.1561	95.5881	17.2469	3.14138	41.3883	0.021875	-0.829936	5.17594
0.017001	81.3356	95.5881	17.7038	3.14139	41.2293	0.019888	-0.632557	5.18084
0.018001	82.1561	95.8421	17.2469	3.00481	40.9359	0.021583	-0.632557	5.17969
0.019001	81.8826	95.5881	17.2469	2.59506	40.1696	0.023125	-0.632557	5.18082
0.020001	82.1561	95.0203	18.3891	2.59506	39.1281	0.023125	-0.87928	5.17969
0.021002	82.0193	96.1161	18.79	2.3219	40.031	0.020938	-1.27404	5.17969
0.022002	82.0193	95.5881	18.0484	2.59506	41.1804	0.022813	-0.435178	5.17808
0.023002	82.5863	95.8421	17.2469	3.14139	41.6896	0.022813	-0.731246	5.18084
0.024002	81.7458	95.9791	17.0185	2.73184	41.8489	0.023438	-0.829936	6.13488
0.025002	82.4295	95.8421	17.3611	2.59506	41.9793	0.021875	-0.731246	5.11844
0.026002	82.0193	95.5881	17.2469	2.59506	41.5147	0.019688	-0.731246	5.16406
0.027002	82.1561	95.0203	17.3611	2.59506	40.4427	0.020938	-1.02731	5.18719
0.028002	81.8826	95.7051	17.2469	3.27797	38.9631	0.022188	-0.731246	6.17584
0.029002	81.8826	95.5881	17.1327	2.73184	39.1057	0.020938	-0.731246	6.17562
0.030002	82.1561	95.8421	18.3332	2.3219	39.9576	0.019375	-0.780591	6.17488
0.031002	82.0193	95.5881	17.9322	2.04873	40.3652	0.017188	-0.87928	5.17989
0.032002	82.0193	95.9791	17.0185	2.45848	40.8054	0.020625	-0.87928	6.17844
0.033002	82.0193	95.5881	17.6895	2.59506	40.7728	0.023125	-0.13911	5.18082
0.034002	82.2928	95.5881	17.4753	3.00481	40.406	0.022188	-0.829936	5.17531
0.035003	81.4724	95.5881	17.0185	2.59506	40.1044	0.022813	-0.633887	5.17989
0.036003	81.8826	96.627	17.0185	3.14139	39.1098	0.019688	-0.829936	5.18281
0.037003	82.1561	96.1161	17.4753	2.73184	39.0283	0.022188	-0.583212	6.18313
0.038003	82.1561	95.5881	17.9322	2.59506	40.4794	0.022188	-0.829936	5.17906
0.039003	82.4295	95.8421	17.2469	2.59506	41.05	0.019375	-0.632557	5.15656
0.040003	81.8826	95.5881	17.4753	3.96088	41.5147	0.022188	-0.731246	5.1376
0.041003	82.1561	95.5881	17.5895	2.3219	41.6696	0.023125	-0.829936	5.12469
0.042003	82.0193	95.9791	17.7038	2.73184	41.4658	0.02125	-0.881901	5.15719
0.043003	81.8826	95.8421	18.79	2.04873	40.8299	0.020938	-0.829936	5.18469
0.044003	82.0193	96.1161	17.1327	3.14139	39.9087	0.022188	-0.13911	5.17531
0.045003	82.1561	95.7051	17.0185	3.14139	38.6329	0.020938	-0.780591	5.18156
0.046003	82.1561	95.4312	17.5895	3.14139	38.0628	0.022813	-0.731246	5.17969
0.047003	81.8826	95.7051	18.6758	3.41455	39.0935	0.020313	-0.632557	5.17584
0.048004	82.1561	95.5881	18.79	3.00481	39.6275	0.022188	-0.87797	5.17406
0.049004	82.4295	95.5881	17.2469	2.45848	39.7742	0.020313	-0.87797	5.17844
0.050004	82.2928	95.0203	17.2469	2.59506	40.0799	0.019688	-0.435178	5.18156
0.051004	82.1561	95.5881	17.2469	2.86823	39.7131	0.023125	-0.881901	5.18125

0.052004	81.7458	95.5881	17.0185	1.5024	38.9019	0.022813	-0.829938	5.17469
0.053004	82.1561	95.5881	17.5895	2.04873	38.8978	0.020313	-0.928625	5.175
0.054004	82.0193	95.8421	16.9042	2.45848	39.1669	0.021583	-1.02731	5.17906
0.055004	81.8091	95.2942	16.6758	2.45848	40.5527	0.023438	-0.385833	5.16781
0.056004	82.0193	95.5881	16.9042	2.73164	41.2742	0.022188	-0.731246	5.14437
0.057004	81.3358	95.5881	16.79	2.86823	41.3679	0.028438	-0.583212	5.12344
0.058004	82.2928	95.5881	17.7038	3.55114	42.1098	0.022188	-1.02731	5.13375
0.059004	81.8828	95.4312	17.3811	2.04873	41.6962	0.020838	-0.87928	5.16875
0.060004	82.0193	95.5881	17.2469	3.55114	40.7728	0.020938	-0.731246	5.17969
0.061004	82.5863	95.5881	17.818	3.41455	40.4386	0.019688	-0.829938	5.16187
0.062005	82.1561	95.0203	17.2469	4.23405	38.8285	0.022813	-0.928625	5.17656
0.063005	82.1561	95.8421	17.2469	2.04873	38.8897	0.0225	-0.829938	5.17469
0.064005	82.0193	95.8421	17.2469	2.58508	39.5459	0.021583	-0.632557	5.16062
0.065005	81.8091	96.2531	16.6758	2.86823	39.6313	0.019688	-0.632557	5.17906
0.066005	82.4295	95.9791	17.2469	3.14139	40.675	0.020625	-0.533867	5.17844
0.067005	81.7458	96.2531	16.9042	2.73164	39.8802	0.021875	-0.829938	5.17719
0.068005	82.1561	95.7051	17.4753	3.41455	39.7783	0.021583	-0.829938	5.18094
0.069005	81.8828	95.5881	17.0185	2.04873	39.3788	0.021583	-0.928625	5.17906
0.070005	81.8828	95.5881	17.2469	2.58508	38.4535	0.022188	-0.632557	5.17969
0.071005	82.0193	95.4312	18.1806	3.14139	39.6315	0.023125	-0.533867	5.17094
0.072005	81.8828	95.7051	17.0185	2.3219	41.5065	0.022188	-0.731246	5.14906
0.073005	82.1561	95.7051	17.0185	3.96088	41.3435	0.020938	-0.632557	5.12969
0.074005	82.4295	95.5881	17.5895	2.58508	41.8081	0.022813	-0.632557	5.12887
0.075005	81.8828	95.8421	17.0185	2.3219	43.2022	0.020313	-0.731246	5.18812
0.076006	81.8828	95.5881	17.5895	2.58508	42.0835	0.021875	-1.02731	5.17219
0.077006	82.1561	95.5881	17.1327	2.45848	41.4495	0.019688	-0.681901	5.17656
0.078006	81.8828	95.4312	18.0484	3.14139	40.5894	0.022813	-0.829938	5.17844
0.079006	82.0193	95.5881	17.1327	2.04873	38.9957	0.02625	-0.928625	5.18187
0.080006	81.8828	95.4312	17.4753	2.86823	39.444	0.022188	-0.87928	5.17844
0.081006	82.0193	95.8421	17.0185	2.86823	40.7891	0.022188	-0.829938	5.17625
0.082006	81.8828	95.5881	17.7038	2.04873	40.9196	0.022188	-0.829938	5.17438
0.083006	82.4295	95.5881	17.1327	2.86823	40.031	0.019688	-0.533867	5.17844
0.084006	82.1561	95.8421	16.9042	4.23405	40.5853	0.019688	-0.928625	5.18156
0.085006	82.1561	95.5881	17.4753	2.58508	39.7864	0.020938	-0.87928	5.17844
0.086006	81.8828	95.7051	17.2469	2.73164	38.4008	0.019688	-0.731246	5.17781
0.087006	82.2928	95.5881	17.0185	2.58508	39.0364	0.021583	-0.731246	5.17582
0.088006	82.1561	95.4312	17.9322	3.14139	39.8863	0.02375	-0.632557	5.15937
0.089006	81.8828	95.5881	17.7038	3.55114	40.0381	0.024688	-0.533867	5.13488
0.090007	81.8828	95.5881	17.818	3.41455	41.6614	0.023125	-0.583212	5.11969
0.091007	82.1561	95.5881	18.0484	3.14139	41.6614	0.022188	-0.87928	5.17031
0.092007	82.2928	95.0203	17.5895	2.58508	41.8652	0.021583	-1.126	5.17969
0.093007	81.8828	95.5881	17.818	3.41455	41.9712	0.020625	-0.632557	5.17937
0.094007	82.1561	95.9791	17.2469	3.68772	40.7565	0.021875	-0.87797	5.17844
0.095007	81.7458	95.9791	17.9322	4.23405	39.0527	0.021583	-0.731246	5.17531
0.096007	82.1561	95.8421	17.7038	2.04873	39.1179	0.021583	-0.87928	5.17584
0.097007	82.1561	95.9791	17.7038	3.14139	40.2307	0.021583	-0.533867	5.18408
0.098007	82.1561	95.4312	18.2749	3.00481	40.6913	0.02125	-0.87797	5.18084
0.099007	81.8828	96.2531	17.2469	2.45848	40.6791	0.022813	-0.632557	5.17656
0.100007	82.703	95.5881	17.7038	2.58508	40.2837	0.020625	-0.583212	5.17531
0.101007	82.0193	95.5881	17.2469	2.58508	40.2796	0.020938	-0.780691	5.17719
0.102007	82.2928	95.5881	17.9322	3.41455	39.4685	0.020938	-0.87928	5.18313
0.103007	82.1561	95.5881	17.0185	2.58508	38.1886	0.020938	-0.731246	5.18094

0.104007	81.8828	95.5881	17.4753	3.55114	37.8913	0.020838	-0.731246	5.18281
0.106008	82.2928	95.5881	17.4753	2.88823	39.444	0.020838	-0.435178	5.13844
0.108008	82.0193	95.5881	17.818	3.68772	40.2755	0.023438	-0.731246	5.11989
0.107008	82.1561	95.5881	18.0484	2.88823	40.7076	0.021583	-0.731246	5.15344
0.108008	81.8828	95.8421	18.8175	3.55114	41.4739	0.020838	-0.832557	5.19531
0.109008	82.1561	95.5881	17.2469	2.73164	41.5381	0.020625	-0.87928	5.17856
0.110008	82.0193	95.8421	17.5895	3.55114	41.1152	0.022188	-0.832557	5.17989
0.111008	82.1561	95.5881	17.5895	3.14139	39.8804	0.019688	-0.533867	5.18281
0.112008	81.8828	95.5881	17.3811	2.59506	38.4739	0.022813	-0.829836	5.18344
0.113008	81.7458	96.39	17.9322	3.41455	40.2348	0.024688	-0.87797	5.18344
0.114008	82.2928	95.5881	17.7038	3.88088	40.5405	0.019688	-0.731246	5.17989
0.115008	82.2928	95.5881	16.5618	2.73164	40.4875	0.020313	-0.881901	5.18125
0.116008	82.1561	95.5881	17.9322	2.73164	40.5813	0.022813	-0.928625	5.18469
0.117008	82.1561	95.8421	17.9322	5.05354	40.3734	0.0225	-0.731246	5.18406
0.118008	82.0193	95.2942	17.1327	2.45848	40.2511	0.022188	-0.928625	5.18156
0.119009	82.4295	95.8421	17.7038	3.27797	40.0228	0.022813	-0.731246	5.18187
0.120009	82.0193	95.5881	17.7038	3.00481	38.8652	0.02125	-0.829936	5.18989
0.121009	81.8828	96.1161	17.5895	3.14139	38.2783	0.0225	-1.02731	5.14989
0.122009	81.7458	95.5881	17.2469	3.14139	39.9189	0.02125	-0.832557	5.13082
0.123009	82.1561	95.5881	17.4753	3.55114	40.3285	0.02375	-0.829936	5.13625
0.124009	82.1561	95.5881	17.5895	2.04873	41.2701	0.0225	-0.731246	5.18844
0.125009	82.1561	95.5881	18.0484	3.00481	41.7874	0.02125	-0.829936	5.17781
0.126009	82.1561	95.8421	18.0484	3.14139	41.588	0.023125	-0.928625	5.18469
0.127009	82.4295	94.8833	17.7038	2.59506	40.7381	0.022188	-0.928625	5.18094
0.128009	81.8828	95.5881	17.7038	4.23406	38.5677	0.020838	-0.731246	5.17825
0.129009	81.8828	95.8421	17.4753	2.18531	39.0527	0.020838	-0.829836	5.17812
0.130009	82.1561	95.5881	18.5033	3.41455	40.0717	0.022813	-1.02731	5.18281
0.131009	82.1561	96.1161	16.9042	2.3219	40.875	0.02125	-0.832557	5.17989
0.13201	82.1561	95.5881	17.2469	2.88823	41.1152	0.019688	-0.533867	5.17989
0.13301	82.0193	95.7051	17.7038	2.88823	41.103	0.019688	-0.435178	5.17719
0.13401	82.1561	95.5881	17.2469	2.3219	41.2375	0.020838	-0.829836	5.17781
0.13501	82.0193	95.5881	17.4753	3.55114	40.8913	0.024688	-0.829936	5.18219
0.13601	82.1561	95.5881	18.79	3.00481	40.2103	0.021875	-0.533867	5.17888
0.13701	82.2928	95.7051	17.4753	3.14139	39.2239	0.021875	-1.02731	5.15469
0.13801	82.1561	95.5881	17.7038	2.88823	39.4766	0.022188	-0.533867	5.13188
0.13901	82.1561	95.5881	17.3811	4.78038	40.8709	0.022813	-0.832557	5.11989
0.14001	82.1561	95.8421	17.5895	2.73164	41.3272	0.019688	-0.87928	5.17844
0.14101	82.4295	96.884	17.2469	2.88823	41.8	0.020625	-0.829836	5.18469
0.14201	82.2928	95.5881	18.1608	2.73164	41.6777	0.019688	-0.533867	5.17684
0.14301	81.4724	95.7051	17.0185	3.14139	41.3842	0.023125	-0.881901	5.17688
0.14401	82.4295	95.5881	17.2469	2.3219	40.7728	0.022188	-0.832557	5.17906
0.14501	82.1561	95.8421	17.1327	2.3219	39.2117	0.022813	-0.832557	5.18094
0.146011	82.4295	95.1572	17.5895	3.14139	38.5228	0.020313	-0.87928	5.18187
0.147011	82.703	95.5881	17.4753	2.88823	39.7294	0.020838	-0.928625	5.17844
0.148011	82.8398	95.5881	17.7038	2.59506	40.1482	0.019688	-0.829936	5.17781
0.149011	82.2928	95.8421	17.2469	2.59506	40.4712	0.019688	-0.829936	5.18094
0.150011	82.1561	95.5881	17.2469	2.59506	40.6261	0.020838	-0.87928	5.18094
0.151011	82.1561	96.1161	17.0185	2.88823	40.4141	0.019083	-0.533867	5.18219
0.152011	82.1561	95.8421	17.4753	2.88823	40.0554	0.020838	-0.780591	5.18094
0.153011	82.1561	95.8421	18.5618	2.04873	39.3503	0.021875	-0.829936	5.16594
0.154011	82.1561	95.7051	18.79	2.73164	38.8777	0.02375	-0.731246	5.14187
0.155011	82.0193	95.7051	17.2469	2.59506	39.8883	0.024083	-0.533867	5.12582

0.156011	81.8826	95.8421	16.79	3.00481	40.7484	0.022813	-0.928625	5.14969
0.157011	82.1561	95.8421	17.0185	3.55114	41.286	0.025	-0.881901	5.1875
0.158011	82.2928	94.7483	16.9042	2.88823	41.6859	0.019375	-0.632557	5.17344
0.159011	82.2928	95.9791	16.79	3.41455	41.3435	0.020625	-0.583212	5.18094
0.160012	82.4295	95.0209	17.0185	2.59506	40.8217	0.020625	-0.780591	5.17719
0.161012	82.2928	95.5681	16.79	3.55114	40.4304	0.02125	-0.632557	5.17719
0.162012	82.1561	95.5681	17.7038	3.55114	39.0936	0.022813	-0.829936	5.17344
0.163012	82.1561	95.8421	17.1327	2.04873	37.8544	0.019688	-0.731246	5.18219
0.164012	82.1561	95.5681	17.7038	2.04873	38.8815	0.019688	-0.928625	5.17937
0.165012	81.3356	95.8421	16.9042	2.45848	39.2076	0.02125	-0.583212	5.17812
0.166012	82.2928	95.5681	17.2469	2.88823	39.4807	0.021875	-0.533867	5.17344
0.167012	81.7458	95.1572	16.9042	2.04873	40.137	0.0225	-0.829936	5.17625
0.168012	82.1561	95.8421	17.1327	3.00481	39.8516	0.020938	-0.829936	5.18187
0.169012	82.9785	95.9791	17.2469	3.00481	39.0935	0.020313	-0.632557	5.17094
0.170012	82.1561	95.8421	17.0185	3.68772	38.9304	0.022188	-0.87928	5.14625
0.171012	82.1561	95.8421	16.9042	3.14139	38.7837	0.022188	-0.87928	5.12625
0.172012	82.2928	95.5681	17.0185	2.04873	39.7416	0.022813	-0.87928	5.12469
0.173012	81.3356	95.5681	17.0185	2.59506	41.0582	0.022188	-0.681901	5.18844
0.174013	82.1561	96.39	17.2469	2.73164	41.6533	0.020313	-0.731246	5.18094
0.175013	81.8826	95.5681	16.6758	1.91216	41.1764	0.019063	-1.22469	5.17781
0.176013	82.1561	95.8421	16.5616	2.73164	41.9304	0.020938	-0.632557	5.17812
0.177013	82.4295	95.1572	17.4753	2.45848	41.5065	0.021563	-0.533867	5.18219
0.178013	82.1561	95.5681	16.9042	3.14139	40.1207	0.022188	-0.829936	5.18156
0.179013	82.4295	95.8421	17.818	2.59506	39.7375	0.024888	-0.533867	5.18281
0.180013	82.4295	95.5681	17.2469	3.14139	38.6533	0.019375	-0.632557	5.17844
0.181013	82.4295	95.5681	17.3611	3.00481	39.1995	0.021563	-0.829936	5.18094
0.182013	82.1561	95.8421	17.818	3.14139	39.7783	0.021563	-0.632557	5.18156
0.183013	82.1561	95.4312	17.818	3.41455	40.5527	0.02125	-0.829936	5.18219
0.184013	82.0193	95.5681	17.1327	2.59506	39.9087	0.019688	-0.87928	5.17906
0.185013	82.0193	95.5681	17.2469	2.88823	39.6478	0.022188	-0.632557	5.17531
0.186013	82.1561	95.7051	17.3611	2.18531	40.0595	0.020625	-1.02731	5.15781
0.187013	82.2928	95.5681	17.4753	2.88823	38.3761	0.022813	-0.829936	5.14094
0.188014	82.0193	95.5681	16.5616	3.00481	38.8408	0.022188	-0.336488	5.12594
0.189014	82.2928	95.7051	17.0185	2.18531	41.0785	0.022188	-0.731246	5.17375
0.190014	82.2928	95.2942	17.2469	3.00481	41.1886	0.023438	-0.632557	5.18281
0.191014	82.2928	95.2942	17.4753	3.14139	41.531	0.020313	-0.928625	5.18094
0.192014	82.703	95.7051	17.7038	3.68772	43.0717	0.021563	-1.126	5.18313
0.193014	82.1561	95.5681	17.9322	3.14139	42.4033	0.021563	-0.731246	5.18219
0.194014	82.0193	96.1161	17.4753	3.27787	41.5065	0.022188	-0.829936	5.17719
0.195014	82.4295	95.1572	17.2469	3.14139	41.7755	0.021563	-0.287144	5.17968
0.196014	82.1561	95.2942	17.4753	2.88823	38.5391	0.019688	-0.829936	5.18406
0.197014	81.8826	95.8421	16.3332	1.63899	39.0364	0.016875	-1.126	5.17906
0.198014	82.4295	95.8421	17.2469	2.88823	40.4794	0.019688	-0.87928	5.17937
0.199014	82.0193	96.9791	17.7038	2.59506	40.3697	0.022813	-0.435178	5.17844
0.200014	82.0193	95.5681	17.7038	3.14139	40.4549	0.023125	-0.731246	5.18094
0.201014	82.1561	95.8421	17.5895	3.00481	40.8217	0.023438	-0.533867	5.17968
0.202015	82.8398	95.5681	17.2469	2.59506	39.4685	0.022188	-1.126	5.18656
0.203015	82.0193	95.8421	16.79	2.59506	38.9916	0.023125	-0.780591	5.13969
0.204015	81.8826	94.8833	17.2469	3.14139	38.531	0.024063	-0.731246	5.11969
0.205015	82.1561	95.4312	17.9322	3.27787	38.8978	0.021563	-1.02731	5.14969
0.206015	81.3356	95.5681	17.4753	2.59506	39.8924	0.019688	-0.731246	5.18406
0.207015	82.2928	95.2942	17.7038	2.73164	40.9277	0.0225	-0.829936	5.17781

0.206015	81.8828	96.2531	17.7038	2.04873	41.5838	0.01875	-1.27404	5.17719
0.209015	82.2928	94.8833	17.4763	3.00481	41.3312	0.0225	-0.731246	5.17719
0.210015	82.1561	95.5881	17.4753	2.88823	41.8	0.021583	-0.832557	5.17969
0.211015	81.8828	95.5881	17.9322	3.00481	41.3965	0.021583	-0.731246	5.18094
0.212015	82.0193	96.1161	17.3611	3.14139	38.1281	0.025938	-0.731246	5.18094
0.213015	81.8828	96.1161	17.7038	3.14139	38.3588	0.019688	-0.832557	5.17719
0.214015	81.8828	95.5881	17.2469	3.14139	38.8272	0.021583	-0.533867	5.17906
0.215015	82.1561	95.5881	17.618	3.14139	40.5676	0.021875	-0.87928	5.18156
0.216015	82.0193	95.5881	17.5895	3.68772	39.9821	0.020938	-0.928625	5.18062
0.217015	82.9765	95.4312	17.0185	2.73164	40.1492	0.020319	-0.632557	5.17719
0.218015	82.1561	95.8421	17.7038	3.00481	40.5486	0.020938	-0.632557	5.17062
0.219015	82.4295	95.1572	16.5618	1.63899	39.4359	0.019375	-1.22489	5.14887
0.220015	82.4295	95.4312	17.2469	2.3219	38.5391	0.022813	-0.731246	5.12969
0.221015	82.1561	95.5881	17.9322	2.88823	37.8218	0.023438	-0.336488	5.12937
0.222015	82.1561	96.1161	17.7038	3.96088	38.0378	0.024688	-0.731246	5.18687
0.223015	82.703	95.4312	17.7038	3.41455	39.7212	0.024063	-0.683212	5.17531
0.224015	82.4295	95.7051	17.4753	3.41455	40.4875	0.022813	-1.02731	5.18156
0.225015	82.2928	95.8421	17.9322	3.41455	41.0337	0.02125	-1.02731	5.17906
0.226015	81.8828	95.9791	16.6758	2.73164	41.3088	0.019688	-0.829938	5.17844
0.227015	82.4295	94.7483	17.4753	3.68772	41.4291	0.024375	-0.928625	5.17219
0.228015	81.8828	95.4312	17.2469	3.14139	40.6872	0.02125	-0.87928	5.17719
0.229015	82.1561	95.8421	17.2469	2.45848	38.8122	0.021875	-0.829938	5.18187
0.230015	82.2928	95.2942	17.2469	1.09266	39.3177	0.019083	-1.32338	5.17969
0.231015	82.2928	95.5881	17.3611	2.04873	40.0554	0.022188	-0.928625	5.17594
0.232015	82.1561	95.5881	17.9322	2.45848	40.7321	0.022188	-0.681901	5.17469
0.233015	82.1561	95.5881	17.5895	1.91215	40.9114	0.022188	-0.928625	5.17531
0.234015	82.0193	95.4312	18.5033	3.14139	40.5731	0.025313	-0.731246	5.17688
0.235015	81.8828	95.5881	17.9322	3.68772	40.4304	0.020938	-0.731246	5.15344
0.236015	82.4295	95.5881	17.5895	2.88823	40.1044	0.024688	-0.484523	5.13166
0.237015	82.2928	95.4312	17.2469	2.73164	39.4114	0.022188	-0.533867	5.11719
0.238015	81.8828	95.5881	17.9322	3.27797	38.6044	0.022813	-0.731246	5.17469
0.239015	81.8828	95.5881	17.4753	4.23405	39.1687	0.02125	-0.87928	5.18219
0.240015	82.0193	95.8421	17.4753	3.14139	40.483	0.019688	-0.829938	5.17906
0.241015	82.1561	95.5881	17.4753	2.88823	40.5894	0.020938	-0.790591	5.17594
0.242015	82.1561	96.1161	16.6758	2.58506	41.5065	0.020625	-0.435178	5.17531
0.243015	82.0193	95.5881	17.4753	2.73164	41.8978	0.020938	-0.336488	5.17969
0.244015	82.2928	95.5881	17.0185	2.45848	41.3027	0.019688	-0.829938	5.18156
0.245015	82.2928	95.2942	17.4753	2.58506	40.2063	0.02125	-0.731246	5.17844
0.246015	82.5663	95.5881	17.2469	2.73164	38.319	0.023125	-0.87928	5.17469
0.247015	82.1561	95.5881	17.7038	3.14139	39.6886	0.021583	-0.829938	5.17719
0.248015	82.4295	95.5881	17.2469	2.88823	40.5242	0.018563	-0.87928	5.18094
0.249015	82.4295	95.4312	17.5895	3.00481	41.0092	0.018438	-0.829938	5.17969
0.250015	82.0193	95.5881	17.7038	3.8243	41.1478	0.020938	-0.731246	5.17594
0.251015	82.1561	95.5881	17.5895	2.45848	41.3842	0.022188	-0.681901	5.15719
0.252015	82.1561	95.8421	17.2469	2.3219	41.0092	0.020938	-1.02731	5.14187
0.253015	81.6091	95.5881	17.0185	2.58506	40.3571	0.020625	-0.632557	5.12375
0.254015	82.1561	95.8421	17.2469	2.73164	39.8272	0.02125	-0.435178	5.15344
0.255015	82.1561	95.5881	17.5895	-2.73164	39.0201	0.023438	-0.829938	5.18856
0.256015	82.5663	95.5881	17.7038	3.00481	40.0391	0.026875	-0.731246	5.17281
0.257015	81.8828	95.8421	16.9042	3.00481	41.0826	0.020625	-0.928625	5.17875
0.258015	81.8828	95.5881	17.2469	2.73164	41.6451	0.020938	-0.928625	5.18313
0.259015	82.703	95.5881	16.9042	2.88823	41.6814	0.02125	-0.829938	5.17969

0.260019	81.8826	98.527	16.9042	2.59506	41.4902	0.02125	-0.632557	5.17688
0.261019	82.4295	98.1161	17.2469	3.14139	41.0826	0.020625	-0.87928	5.17937
0.262019	82.1561	95.5881	17.2469	2.04873	39.9943	0.019888	-0.632557	5.18156
0.263019	82.0193	95.8421	18.5033	2.86823	38.5085	0.019375	-0.632557	5.18489
0.264019	81.8826	98.1161	16.6758	2.59506	38.8978	0.020313	-0.87928	5.17875
0.265019	82.1561	95.7051	17.2469	2.86823	39.519	0.02125	-0.04042	5.17688
0.266019	82.6398	95.8421	17.0185	3.14139	40.2185	0.02125	-0.583212	5.18281
0.267019	82.2928	95.2942	17.0185	3.00481	40.5201	0.020625	-0.533867	5.17469
0.268019	82.4295	95.0203	17.5895	2.73184	40.4101	0.022813	-0.681901	5.15062
0.269019	82.0193	95.5881	17.4753	3.14139	40.1859	0.023438	-0.583212	5.12812
0.270019	82.2928	95.2942	17.7038	2.86823	39.8027	0.019888	-0.731246	5.13188
0.27102	82.1561	95.5881	17.5895	2.86823	38.7874	0.021563	-0.435178	5.19219
0.27202	82.0193	95.8421	17.0185	4.23405	38.9794	0.019888	-0.829936	5.18406
0.27302	82.1561	95.8421	16.5618	2.3219	40.3328	0.020938	-0.928825	5.18437
0.27402	82.1561	95.9791	17.2469	3.27797	40.8217	0.0225	-0.632557	5.17906
0.27502	82.0193	96.39	17.0185	2.3219	41.2579	0.022188	-0.829936	5.17761
0.27602	82.4295	95.4312	17.2469	3.00481	41.5982	0.022813	-0.188454	5.18219
0.27702	82.1561	95.5881	17.0185	2.45848	41.0418	0.017813	-0.681901	5.18594
0.27802	82.4295	95.5881	17.0185	2.58506	40.8788	0.026875	-0.731246	5.18062
0.27902	82.1561	98.1161	17.1327	3.27797	39.55	0.02125	-0.928825	5.17812
0.28002	81.8826	95.9791	17.0185	2.04873	38.2131	0.022813	-1.02731	5.17989
0.28102	81.8826	95.5881	17.2469	2.59506	38.3598	0.019888	-0.928825	5.18344
0.28202	81.8826	95.4312	16.79	2.86823	38.8	0.019083	-0.829936	5.18219
0.28302	81.3356	95.7051	17.2469	3.41455	39.925	0.022188	-1.07886	5.17625
0.28402	82.1561	95.5881	17.7038	3.00481	39.4885	0.023438	-0.632557	5.15219
0.285021	82.0193	95.5881	17.9322	2.73184	39.4829	0.022813	-0.829936	5.13719
0.286021	82.1561	95.7051	16.79	2.04873	39.6071	0.020625	-0.681901	5.12469
0.287021	82.4295	95.5881	16.9042	2.73184	38.9223	0.0225	-0.632557	5.18406
0.288021	82.1561	95.5881	17.2469	2.59506	38.8245	0.02375	-0.533867	5.18094
0.289021	82.0193	95.5881	17.5895	2.86823	39.1465	0.021563	-0.632557	5.17761
0.290021	81.8826	95.5881	17.0185	1.91215	40.3897	0.020938	-0.829936	5.18469
0.291021	82.4295	95.1572	17.0185	2.86823	41.0459	0.019083	-0.829936	5.18469
0.292021	82.2928	95.5881	17.2469	2.59506	41.5228	0.022813	-0.829936	5.17969
0.293021	82.1561	95.5881	16.79	3.14139	41.7674	0.022813	-0.780591	5.17761
0.294021	82.0193	96.527	16.79	3.88772	41.3353	0.023438	-0.632557	5.17869
0.295021	82.1561	98.1161	16.79	2.3219	41.2579	0.020625	-0.632557	5.18406
0.296021	82.0193	96.39	17.2469	2.86823	40.2103	0.021875	-0.533867	5.18856
0.297021	82.1561	96.39	17.1327	2.45848	38.3027	0.021563	-0.829936	5.18156
0.298021	82.0193	95.8421	17.0185	3.00481	38.9488	0.019888	-0.04042	5.17844
0.299022	82.1561	95.5881	17.3811	2.04873	39.9291	0.021583	-0.829936	5.17937
0.300022	82.2928	95.7051	17.2469	3.14139	39.5419	0.022188	-0.829936	5.15869
0.301022	82.2928	95.4312	17.2469	2.73184	40.1533	0.021583	-0.435178	5.14094
0.302022	82.1561	95.9791	17.2469	3.14139	40.512	0.023125	-0.632557	5.11969
0.303022	82.1561	95.8421	17.5895	3.14139	39.4807	0.024083	-0.829936	5.18344
0.304022	82.4295	95.7051	17.2469	3.27797	38.8245	0.022188	-0.829936	5.18719
0.305022	81.8826	95.5881	17.1327	3.55114	39.0609	0.021583	-0.731246	5.18281
0.306022	81.8081	95.5881	17.4753	2.86823	39.7334	0.021583	-0.87928	5.18187
0.307022	81.8826	95.5881	18.1806	3.14139	40.4427	0.020938	-1.02731	5.17989
0.308022	81.8826	95.5881	16.6758	1.77557	41.8652	0.020313	-0.731246	5.17406
0.309022	81.1988	95.5881	17.2469	3.27797	42.1872	0.020938	-0.97797	5.18344
0.310022	82.2928	95.5881	18.1806	3.27797	42.338	0.022188	-0.632557	5.18437
0.311022	82.0193	95.8421	17.3811	2.86823	42.9869	0.022188	-0.829936	5.17969

0.312022	82.1561	95.5681	18.7317	3.68772	41.8815	0.024063	-0.832557	5.17582
0.313023	82.2928	95.8421	17.5885	3.14138	40.031	0.018125	-0.928825	5.17906
0.314023	82.1561	95.5681	17.4753	3.27797	38.7766	0.020625	-0.87828	5.17989
0.315023	82.1561	95.5681	17.9322	3.14139	40.084	0.02125	-0.832557	5.17875
0.316023	82.703	95.5681	17.4753	4.23405	40.2022	0.020838	-0.731248	5.15989
0.317023	81.8828	95.8421	17.2469	2.04873	40.406	0.0225	-0.829836	5.13594
0.318023	81.8828	95.5681	17.7038	3.55114	40.6098	0.022188	-0.881901	5.11989
0.319023	82.0193	95.8421	17.7038	3.41455	40.031	0.021563	-0.731248	5.14906
0.320023	82.1561	95.5681	18.1606	3.14139	39.387	0.022188	-0.338488	5.18844
0.321023	82.2928	95.4312	17.3611	2.86823	39.2198	0.023438	-1.07868	5.17344
0.322023	82.0193	95.5681	17.4753	2.86823	38.0459	0.02375	-0.829836	5.17594
0.323023	82.703	95.8421	17.4753	2.59506	39.3829	0.022188	-0.484523	5.17868
0.324023	82.1561	95.5681	17.4753	3.00481	40.6832	0.019688	-0.832557	5.17584
0.325023	82.1561	95.8421	17.7038	3.55114	40.838	0.02125	-0.731248	5.17719
0.326023	82.1561	95.5681	18.1606	3.27797	41.4331	0.021563	-0.881901	5.17868
0.327024	82.1561	95.8421	17.5885	4.78038	41.7918	0.02125	-0.731248	5.17582
0.328024	82.2928	95.7051	17.2469	3.98088	41.9793	0.019688	-0.829836	5.18094
0.329024	82.0193	95.5681	18.7317	3.14139	40.2307	0.022188	-0.731248	5.18281
0.330024	81.8828	95.8421	18.79	2.58506	38.8815	0.021875	-1.02731	5.17438
0.331024	82.1561	95.8421	17.9322	2.73164	38.9794	0.021875	-0.928825	5.17408
0.332024	82.1561	95.9791	18.79	2.86823	39.7131	0.020625	-0.533867	5.16906
0.333024	82.1561	95.5681	18.0464	3.27797	40.4101	0.022188	-0.928825	5.14781
0.334024	82.1561	95.7051	17.4753	3.14138	40.5894	0.019688	-0.881901	5.12594
0.335024	82.0193	95.5681	17.5885	3.55114	40.0962	0.020625	-0.832557	5.12844
0.336024	82.1561	95.8421	18.0464	3.14139	40.031	0.02375	-0.829836	5.18313
0.337024	82.1561	95.5681	17.5885	2.73164	39.2239	0.018063	-0.928825	5.17489
0.338024	82.1561	95.8421	18.1606	3.14139	38.531	0.020838	-1.02731	5.16094
0.339024	82.4295	95.5681	17.3611	2.86823	37.8281	0.022188	-0.780591	5.17781
0.340024	82.1561	95.5681	18.79	2.86823	38.8207	0.022188	-0.829836	5.17858
0.341025	82.1561	98.1161	17.7038	3.00481	40.0677	0.02125	-1.02731	5.1725
0.342025	82.0193	95.5681	17.818	2.04873	40.459	0.020838	-0.435178	5.17658
0.343025	82.0193	95.5681	17.4753	2.86823	41.4067	0.022188	-0.533867	5.17719
0.344025	82.9785	95.5681	17.7038	2.3219	41.4738	0.020838	-0.832557	5.17584
0.345025	82.0193	95.7051	17.2469	3.41455	41.0011	0.022813	-0.829836	5.17489
0.346025	82.1561	95.5681	17.818	3.00481	40.0228	0.019688	-0.829836	5.17781
0.347025	82.4295	95.5681	17.7038	3.00481	38.4739	0.022188	-0.583212	5.17937
0.348025	82.1561	95.5681	17.9322	3.41455	39.7048	0.02375	-0.928825	5.17584
0.349025	82.2928	95.0203	17.5885	4.09747	40.1858	0.020838	-0.731248	5.15219
0.350025	82.1561	95.5681	17.5885	1.91215	40.568	0.022188	-0.829836	5.12719
0.351025	82.1561	95.8421	17.9322	3.14139	40.6889	0.022188	-0.881901	5.11844
0.352025	82.1561	95.9791	17.2469	2.86823	40.7239	0.020838	-0.87928	5.17582
0.353025	82.2928	95.5681	17.4753	3.14139	40.4957	0.019688	-0.731248	5.18082
0.354025	82.0193	95.5681	17.0185	2.86823	39.55	0.0225	-0.533867	5.17682
0.355026	82.4295	95.8421	17.3611	2.86823	38.7511	0.020838	-0.829836	5.17875
0.356026	82.703	95.5681	17.4753	2.86823	38.8408	0.020313	-0.731248	5.18158
0.357026	82.0193	95.0203	17.4753	3.00481	39.818	0.021563	-0.97797	5.18158
0.358026	82.1561	95.9791	17.4753	2.86823	40.1899	0.022188	-0.829836	5.18094
0.359026	81.8828	95.5681	17.2469	2.73164	41.3394	0.0225	-0.832557	5.17489
0.360026	82.4295	95.8421	17.3611	3.14139	41.8043	0.022188	-0.829836	5.17858
0.361026	82.0193	95.8421	17.5885	3.00481	41.3027	0.019688	-0.731248	5.18187
0.362026	82.2928	94.8833	17.4753	2.59506	41.2742	0.021563	-1.22489	5.18344
0.363026	82.1561	95.8421	17.4753	2.73164	39.2891	0.020625	-0.829836	5.17989

0.384028	82.1581	95.5681	17.4753	2.3219	38.3761	0.021583	-0.829938	5.17438
0.385028	82.0193	95.8421	17.2489	2.86823	40.1698	0.020938	-0.731248	5.15781
0.386028	81.8826	95.9791	17.5895	3.14139	40.6709	0.02125	-0.484523	5.13781
0.387028	82.2928	95.5681	17.7038	3.27797	40.944	0.024688	-0.435178	5.11959
0.388028	82.1581	95.5681	17.3611	2.73164	41.2783	0.019688	-0.731248	5.15875
0.389027	82.1581	95.5681	17.5895	2.04873	41.262	0.021583	-0.731248	5.18563
0.370027	81.3356	95.8421	17.5895	3.00481	40.8217	0.019375	-1.02731	5.17844
0.371027	82.0193	95.7051	17.2489	4.78038	40.3	0.021583	-0.829938	5.18408
0.372027	82.1581	95.5681	17.7038	2.04873	39.2402	0.021583	-0.681901	5.18187
0.373027	81.8826	95.8421	17.4753	3.00481	39.2973	0.022188	-0.632557	5.17812
0.374027	82.1581	95.1181	17.0185	2.3219	40.5935	0.020825	-0.829938	5.17969
0.375027	82.0193	95.2531	17.1327	2.86823	41.0948	0.017813	-1.02731	5.18094
0.376027	82.1581	95.8421	17.0185	3.8243	41.6533	0.019888	-0.338488	5.18344
0.377027	82.4295	95.8421	17.2489	3.00481	41.8	0.023125	-0.928825	5.18156
0.378027	81.8826	95.8421	17.5895	3.14139	41.3353	0.0225	-0.632557	5.17969
0.379027	82.1581	95.8421	18.5818	2.45848	40.7076	0.02125	-0.731248	5.18344
0.380027	82.2928	94.8833	17.1327	3.27797	39.4803	0.021583	-0.632557	5.18594
0.381027	81.8826	95.8421	16.79	2.86823	38.2742	0.020825	-0.829938	5.17094
0.382028	81.8826	95.5681	17.0185	3.00481	39.3136	0.021875	-0.829938	5.14594
0.383028	82.1581	95.8421	17.3611	3.27797	40.0391	0.021583	-0.632557	5.12531
0.384028	81.8826	95.8421	17.4753	2.45848	40.3163	0.020938	-0.97797	5.14094
0.385028	82.2928	95.5681	17.5895	2.45848	40.3652	0.020825	-0.87928	5.19281
0.386028	82.2928	95.5681	17.4753	2.86823	40.3326	0.0225	-0.829938	5.18219
0.387028	82.0193	95.1181	16.79	2.59506	40.0554	0.022813	-0.533867	5.18594
0.388028	82.703	95.5681	17.5895	3.14139	39.3584	0.020938	-0.97797	5.18344
0.389028	82.1581	95.1181	17.2489	2.59506	38.4332	0.024688	-0.828825	5.18531
0.390028	82.1581	95.1572	17.4753	3.00481	39.4522	0.019688	-0.87928	5.18408
0.391028	82.1581	95.1181	17.2489	2.86823	40.5201	0.021583	-0.829938	5.18469
0.392028	81.8826	95.2942	17.0185	2.73164	41.0296	0.019063	-0.435178	5.18563
0.393028	82.4295	95.7051	16.79	3.88772	41.1723	0.020313	-0.681901	5.18531
0.394028	81.8091	95.7051	17.2489	2.45848	41.213	0.023438	-0.780591	5.18344
0.395028	81.8826	95.8421	17.3611	2.3219	41.0011	0.022188	-0.731248	5.18156
0.396029	81.3356	95.5681	17.0185	2.04873	40.2755	0.020313	-1.22469	5.17844
0.397029	82.1581	95.5681	16.79	2.73164	39.2198	0.023438	-0.632557	5.18989
0.398029	82.0193	95.5681	17.0185	3.00481	38.0459	0.02125	0.058289	5.15094
0.399029	81.8826	95.7051	16.5818	2.59506	38.1071	0.02375	-0.533867	5.12989
0.400029	82.1581	95.0203	17.1327	2.73164	38.9386	0.024375	-0.632557	5.12781
0.401029	82.1581	95.5681	16.79	2.86823	39.7416	0.020938	-0.731248	5.18469
0.402029	82.1581	95.4312	17.2489	2.45848	39.4359	0.020825	-0.87928	5.17312
0.403029	82.0193	95.5681	17.0185	2.45848	39.9087	0.01875	-0.829938	5.17906
0.404029	82.0193	95.9791	17.1327	3.14139	39.4033	0.021875	-0.829938	5.17906
0.405029	82.0193	95.8421	17.1327	3.55114	38.1968	0.022188	-0.829938	5.17781
0.406029	82.1581	95.5681	17.2489	2.45848	38.8574	0.0225	-0.928825	5.17656
0.407029	82.1581	95.8421	16.3332	1.77557	39.8027	0.019063	-0.928825	5.17489
0.408029	82.2928	95.8421	17.0185	2.86823	40.2288	0.022188	-0.928825	5.17594
0.409029	82.0193	95.5681	17.0185	2.86823	41.3679	0.019688	-0.435178	5.17531
0.41003	82.0193	95.5681	17.0185	3.27797	41.5638	0.021583	-0.435178	5.17594
0.41103	82.703	95.5681	17.4753	2.59506	41.9304	0.024375	-0.533867	5.17189
0.41203	82.0193	95.5681	17.7038	3.55114	40.8625	0.020938	-0.731248	5.17594
0.41303	82.4295	95.9791	17.1327	2.86823	41.0378	0.022188	-0.928825	5.17438
0.41403	81.8091	95.5681	17.5895	2.45848	39.9858	0.022188	-0.928825	5.15062
0.41503	82.1581	95.2942	17.818	4.23405	37.7585	0.024375	-0.632557	5.12656

0.41603	81.6091	95.4312	17.2469	2.45848	39.5582	0.021875	-0.828836	5.11489
0.41703	82.0193	95.8421	17.4753	2.04873	38.6723	0.019688	-0.731246	5.18889
0.41803	82.4295	95.5681	16.3332	0.950075	39.387	0.019083	-1.22489	5.17489
0.41903	82.703	95.5681	17.5895	2.86823	41.0828	0.022188	-0.681901	5.17489
0.42003	82.1561	95.8421	17.4753	2.45848	39.8639	0.02375	-0.336488	5.17344
0.42103	81.3358	95.5681	17.3611	2.86823	39.0894	0.0225	-0.87928	5.17094
0.42203	82.1561	95.5681	16.79	2.86823	38.8612	0.022813	-0.731246	5.17219
0.42303	82.1561	95.5681	17.4753	2.73184	38.8489	0.022813	-1.02731	5.17719
0.42403	81.8828	95.39	17.5895	2.59506	40.3	0.022188	-0.828836	5.17281
0.42503	81.8828	95.8421	17.3611	3.14139	40.8098	0.021563	-0.828836	5.18937
0.42603	82.1561	95.7051	17.4753	3.00481	42.1016	0.020625	-0.928625	5.17094
0.42703	82.1561	95.2942	17.7038	3.8243	42.7742	0.0225	-0.731246	5.17344
0.42803	82.0193	95.5681	17.0185	2.59506	41.6677	0.019688	-0.828836	5.17469
0.42903	81.8828	95.8421	16.79	2.04873	42.4725	0.019688	-1.07866	5.18908
0.43003	82.0193	95.5681	17.3611	2.18531	41.8652	0.019083	-0.731246	5.14906
0.43103	81.8828	95.5681	17.7038	3.41455	38.9182	0.022188	-0.828836	5.12906
0.43203	81.3358	95.8421	17.4753	3.41455	39.122	0.02375	-0.87928	5.11594
0.43303	82.1561	95.4312	17.1327	2.86823	40.1981	0.024888	-0.731246	5.15031
0.43403	82.703	95.5681	17.5895	3.00481	39.9535	0.02375	-0.828836	5.17908
0.43503	81.8828	95.5681	17.7038	2.86823	40.2429	0.020625	-0.828836	5.17082
0.43603	81.8828	95.5681	17.5895	2.86823	40.6813	0.020938	-0.632557	5.17219
0.43703	81.8828	95.5681	17.2469	3.55114	39.8761	0.020625	-0.435178	5.17658
0.43803	81.8828	95.4312	18.1606	3.00481	38.9794	0.0225	-0.828836	5.17582
0.43903	82.4295	95.5681	17.5895	2.86823	38.9712	0.022188	-0.780591	5.17469
0.44003	81.8828	95.2531	16.9042	1.5024	38.0337	0.01625	-1.22489	5.17438
0.44103	81.8828	95.39	17.0185	3.14139	39.387	0.021563	-0.632557	5.17489
0.44203	82.0193	95.8421	17.5895	3.55114	40.7585	0.020625	-0.435178	5.17719
0.44303	81.8828	95.8421	17.7038	2.86823	40.9522	0.021563	-0.828836	5.17489
0.44403	82.2928	95.5681	17.3611	2.59506	41.5269	0.024888	-0.881901	5.17406
0.44503	81.8828	95.8421	17.9322	2.73184	41.5799	0.02125	-0.828836	5.17531
0.44603	81.8828	95.5681	17.4753	3.41455	41.3842	0.022813	-0.928625	5.18844
0.44703	82.1561	95.5681	17.4753	2.73184	39.8272	0.021563	-0.928625	5.14812
0.44803	82.0193	95.8421	17.0185	2.73184	38.4984	0.020938	-0.87928	5.12344
0.44903	82.1561	95.8421	17.7038	4.23405	39.2525	0.020625	-0.828836	5.12844
0.45003	81.8828	95.5681	17.2469	2.04873	40.2226	0.020313	-0.97797	5.18812
0.45103	82.1561	95.8421	17.1327	1.5024	40.3652	0.017188	-1.22489	5.17719
0.45203	82.1561	95.4312	17.2469	2.86823	40.0147	0.0225	-0.828836	5.18156
0.45303	81.7458	95.5681	17.2469	2.86823	39.9067	0.022188	-0.484523	5.17719
0.45403	82.0193	95.5681	18.1606	2.73184	39.8804	0.021563	-0.828836	5.17989
0.45503	81.6091	95.8421	17.2469	3.14139	39.0772	0.02375	-0.435178	5.18281
0.45603	82.1561	95.4312	17.3611	2.73184	38.2783	0.019688	-0.828836	5.18406
0.45703	82.4295	95.4312	17.1327	3.14139	37.5038	0.019888	-0.928625	5.18156
0.45803	82.1561	95.5681	17.5895	3.14139	38.9386	0.019375	-0.533867	5.17989
0.45903	81.8828	95.5681	17.7038	3.14139	40.589	0.019375	-0.583212	5.18187
0.46003	81.8828	95.1161	17.4753	2.86823	40.6261	0.02125	-0.632557	5.18406
0.46103	82.0193	95.4312	18.0484	2.59506	40.944	0.019888	-0.632557	5.18594
0.46203	82.1561	94.8833	18.5033	2.73184	41.2884	0.021563	-0.828836	5.18125
0.46303	82.1561	95.2942	17.4753	2.45848	40.8054	0.020938	-0.828836	5.15856
0.46403	82.2928	95.4312	17.5895	3.14139	39.1832	0.023438	-0.681901	5.13719
0.46503	81.8828	95.5681	17.5895	2.73184	38.4739	0.021875	-0.780591	5.12687
0.46603	82.703	95.5681	17.7038	3.14139	39.603	0.024888	-0.881901	5.17937
0.46703	82.2928	95.8421	17.1327	3.41455	40.2919	0.019888	-0.731246	5.18469

0.468034	81.3356	95.5681	17.4753	2.59508	40.5283	0.019688	-0.928625	5.18034
0.469034	82.2928	95.5681	17.818	3.00481	40.4223	0.020938	-0.829938	5.18625
0.470034	82.1561	95.8421	17.7038	3.00481	40.3408	0.021583	-0.829938	5.18594
0.471034	82.1561	95.2942	17.818	3.98088	40.0391	0.024063	-0.829938	5.18489
0.472034	81.8091	95.5681	17.7038	2.45848	39.4196	0.021875	-0.829938	5.18187
0.473034	82.1561	96.39	17.9322	1.77557	38.8855	0.018125	-0.928625	5.18313
0.474034	82.2928	95.5681	17.4753	2.73184	38.1805	0.02125	-0.832557	5.18489
0.475034	81.8828	96.2531	17.3611	2.45848	39.5174	0.021583	-0.13911	5.18906
0.476034	81.3356	95.5681	17.5895	2.86823	40.8217	0.020625	-0.681901	5.18687
0.477034	81.8091	95.8421	17.1327	2.45848	41.0133	0.020625	-0.832557	5.18437
0.478034	82.1561	95.5681	17.3611	2.86823	41.0828	0.02125	-0.731248	5.18719
0.479034	82.1561	95.8421	17.3611	2.59508	41.4984	0.021663	-0.731248	5.17219
0.480035	82.0193	95.2942	17.9322	3.14139	40.9318	0.022188	-0.731248	5.14781
0.481035	82.1561	96.6681	17.7038	3.41455	38.4739	0.02375	-0.832557	5.13082
0.482035	82.4295	95.5681	17.7038	3.14139	38.5655	0.022813	-0.829938	5.15219
0.483035	82.1561	95.8421	17.4753	2.04873	40.2674	0.020825	-0.928625	5.19719
0.484035	82.4295	95.5681	18.5033	3.00481	40.4875	0.022188	-0.829938	5.18719
0.485035	82.2928	95.4312	17.0185	2.04873	40.7168	0.020313	-1.02731	5.18844
0.486035	82.1561	95.8421	17.4753	3.55114	41.2049	0.020938	-0.829938	5.18187
0.487035	81.8828	95.2942	17.3611	2.04873	40.9885	0.021583	-0.829938	5.18408
0.488035	81.8828	95.5681	17.4753	2.59508	40.569	0.02375	-0.681901	5.18531
0.489035	82.1561	95.7051	18.79	2.59508	40.137	0.022188	-0.829938	5.18563
0.490035	81.8828	95.2942	17.7038	3.41455	39.1261	0.024063	-0.287144	5.18187
0.491035	82.4295	95.8421	17.2469	2.86823	39.1057	0.020625	0.897129	5.17875
0.492035	81.8828	95.5681	17.5895	2.3219	40.4753	0.022188	3.21833	5.17989
0.493035	82.2928	95.5681	17.2469	3.98088	41.262	0.020938	5.23846	5.18156
0.494036	82.1561	95.8421	18.9042	2.3219	41.425	0.020938	7.06522	5.17719
0.495036	82.0193	96.1161	17.7038	3.00481	41.3965	0.022813	8.64425	5.16594
0.496036	81.8828	95.5681	18.79	2.18531	41.3088	0.0225	9.82852	5.13687
0.497036	82.1561	95.5681	17.1327	2.86823	40.5448	0.108438	11.0128	5.09812
0.498036	82.0193	95.5681	18.6818	2.45848	39.0527	3.36344	10.618	4.52989
0.499036	82.1561	95.8421	17.818	2.59508	38.3109	5.80844	10.2233	4.42719
0.500036	81.8828	95.2942	17.5895	2.86823	39.2891	5.07582	10.0259	4.61094
0.501036	81.0622	96.2531	17.818	2.59508	39.8027	5.35719	9.43376	4.50908
0.502036	82.4295	95.8421	17.3611	2.59508	40.1288	5.34312	9.23638	4.53219
0.503036	81.8828	95.5681	17.0185	3.41455	40.3	5.41094	8.44687	4.54856
0.504036	82.1561	95.2942	17.2469	3.68772	40.1888	5.43989	8.34818	4.55988
0.505036	82.1561	95.0203	17.7038	2.59508	39.8027	5.48376	8.39752	4.57437
0.506036	81.8828	95.2942	18.1808	2.73184	39.175	5.51583	8.44687	4.58594
0.507037	82.4295	95.8421	18.5818	2.59508	38.388	5.54219	8.74294	4.58908
0.508037	82.1561	95.9791	17.0185	3.68772	39.3788	5.57094	9.48311	4.59908
0.509037	81.8828	95.7051	17.1327	4.50721	40.1888	5.59844	10.2233	4.60856
0.510037	81.8828	95.7051	17.1327	5.48329	40.8138	5.62408	11.2102	4.61489
0.511037	82.1561	95.5681	17.2469	5.3267	41.213	5.64281	11.8023	4.62313
0.512037	81.8828	95.0203	17.0185	6.28278	41.103	5.64219	12.4438	4.61094
0.513037	82.1561	95.5681	17.3611	6.05835	40.8482	5.64469	12.8879	4.59989
0.514037	82.1561	95.5681	17.2469	7.78518	40.1329	5.65188	13.0359	4.58682
0.515037	82.0193	96.1161	17.5895	10.79	39.0688	5.72719	13.5787	4.64989
0.516037	81.7458	95.7051	17.5895	8.69733	37.7484	5.75094	13.7288	4.65908
0.517037	81.8828	95.5681	18.3891	11.3363	38.0828	5.76719	14.5856	4.68489
0.518037	81.8828	95.5681	17.5895	11.8085	38.8815	5.78719	14.8817	4.68844
0.519037	81.3356	96.1161	18.0484	12.7021	39.2402	5.80406	16.046	4.67562

0.520037	81.8828	95.5881	18.1806	13.2485	39.8841	6.81875	15.8979	4.87781
0.521038	82.0193	95.5881	18.0484	15.8435	39.44	5.83875	16.5887	4.88594
0.522038	82.0193	95.8421	17.9322	18.1854	38.9784	5.85584	17.5283	4.89498
0.523038	82.0193	95.5881	18.1806	19.5313	38.8	5.87063	18.2885	4.89937
0.524038	82.2828	95.7051	18.1806	21.4434	38.3435	5.88125	19.4507	4.70489
0.525038	81.8828	95.5881	19.0744	22.8728	38.2728	5.89844	20.487	4.70658
0.526038	82.1561	95.0203	19.9881	25.2677	40.3897	5.91156	21.3258	4.71219
0.527038	82.1561	95.5881	19.5313	23.9019	41.1071	5.92856	22.7075	4.71844
0.528038	82.0193	95.5881	20.9019	25.2677	41.0826	5.93031	23.9411	4.71888
0.529038	81.7458	95.5881	20.2168	25.2677	41.5799	5.91584	25.0267	4.69489
0.530038	81.4724	95.9781	20.7878	25.8774	41.1315	5.90781	26.7044	4.68531
0.531038	82.1561	95.0203	21.7014	25.814	40.8708	5.94408	27.8913	4.70937
0.532038	82.2828	95.5881	21.7014	24.858	40.0351	6.00219	28.8782	4.74969
0.533038	81.8828	95.5881	22.044	24.7214	38.1275	5.99989	29.4877	4.74219
0.534038	82.2828	95.5881	22.7283	25.5408	38.6614	6.01656	30.7507	4.75125
0.535038	81.8828	95.5881	23.6431	28.8188	39.8394	6.02406	31.5402	4.75489
0.536038	81.8828	95.2942	25.0137	28.6335	38.6478	6.03719	32.5784	4.75989
0.537038	82.4295	95.2942	25.3584	28.1359	40.2348	6.04989	33.3166	4.76437
0.538038	81.3356	95.8421	25.9274	28.4969	39.9576	6.05875	34.1081	4.76844
0.539038	82.0193	95.5881	27.5285	28.1359	38.906	6.06781	34.8463	4.77375
0.540038	82.2828	95.5881	28.328	28.2725	38.8652	6.07989	35.4878	4.77594
0.541038	82.1561	96.1161	29.5824	29.6383	38.8367	6.08218	36.872	4.78219
0.542038	82.1561	95.5881	30.3819	31.2773	38.2484	6.10344	38.872	4.78489
0.543038	81.8091	95.5881	32.0962	32.0888	41.213	6.11156	37.0888	4.78844
0.544038	81.7458	95.5881	33.2374	32.8431	41.7348	6.11837	37.807	4.78989
0.545038	81.8828	95.2942	35.4075	34.8919	41.4331	6.10219	38.2017	4.77468
0.546038	81.8828	96.2531	37.0088	36.3309	42.1587	6.08719	38.8925	4.76094
0.547038	82.0193	95.5881	38.7198	39.1991	42.1831	6.08594	39.0408	4.75856
0.548038	81.0822	96.2531	40.4331	42.0873	41.3435	6.15408	39.5327	4.80906
0.54904	81.8828	94.7483	43.0601	42.0873	38.3825	6.16584	40.0275	4.81312
0.55004	81.8828	95.5881	45.5728	44.6258	39.0809	6.17344	40.4222	4.81658
0.55104	81.8828	95.5881	47.8573	48.6233	39.3289	6.18489	40.9157	4.82084
0.55204	82.0193	95.5881	50.1416	51.4915	40.0514	6.18094	41.3104	4.82344
0.55304	82.1561	95.5881	53.4539	54.7894	40.483	6.19844	41.7545	4.82531
0.55404	81.8828	95.5881	56.5378	57.9108	39.9984	6.20781	42.2973	4.83219
0.55504	82.2828	95.5881	60.8497	60.9158	39.9046	6.21719	42.8427	4.83719
0.55604	81.8828	95.5881	64.5331	63.2375	39.2585	6.22437	43.0888	4.83989
0.55704	82.0193	95.5881	69.8729	68.1545	38.2864	6.23344	43.531	4.84219
0.55804	82.1561	95.5881	74.3558	74.0275	37.7932	6.23844	44.8859	4.84594
0.55904	82.1561	95.8421	79.8383	79.3542	39.7457	6.24781	45.3587	4.85094
0.56004	81.8091	95.2942	84.8639	79.6274	39.8313	6.25408	46.837	4.85489
0.56104	82.0193	95.8421	91.7188	79.4908	40.728	6.2475	47.7253	4.84844
0.56204	82.1561	95.5881	97.8847	93.8319	41.3557	6.22844	48.9589	4.82719
0.563041	81.8828	95.5881	103.938	103.529	41.5085	6.21656	49.9951	4.81584
0.564041	82.1561	95.7051	110.449	112.817	41.3027	6.23719	51.2781	4.83125
0.565041	82.0193	95.5881	116.845	119.373	39.9902	6.30719	51.8728	4.88344
0.566041	81.8091	95.4312	123.812	125.519	39.1424	6.28989	52.4823	4.87313
0.567041	82.1561	95.8421	130.437	129.343	38.4862	6.30937	53.2518	4.88344
0.568041	82.0193	95.5881	136.148	134.87	39.2891	6.31281	53.9427	4.83344
0.569041	82.0193	95.5881	139.888	139.724	40.1981	6.31989	54.8309	2.67781
0.570041	82.1561	95.8421	131.807	144.094	40.0065	6.32781	55.423	0.02825
0.571041	82.1561	95.5881	139.003	143.411	40.1451	6.34094	56.5086	0.18375

0.572041	81.8828	95.5681	147.455	141.636	39.6315	6.34406	57.5448	-0.009375
0.573041	81.8828	95.4312	154.08	142.865	38.6533	6.34989	58.285	0.012813
0.574041	82.2928	95.5681	157.963	151.196	38.2457	6.35562	59.1239	-0.007188
0.575041	82.1561	95.5681	160.704	158.572	37.3326	6.36437	59.9627	-0.006938
0.576041	82.1561	95.5681	162.78	166.357	38.1805	6.36969	60.5549	-0.007813
0.577042	82.0193	95.9791	163.788	172.23	39.619	6.37063	61.3444	-0.009063
0.578042	82.4295	95.5681	166.986	171.684	40.1533	6.3719	61.9365	-0.009375
0.579042	81.3356	95.5681	170.87	171.411	40.7891	6.33489	62.6787	-0.008438
0.580042	81.8828	95.4312	173.268	171.684	40.7076	6.31625	63.5156	-0.008438
0.581042	81.8091	95.5681	176.124	172.913	41.3027	6.37808	64.009	-0.009063
0.582042	82.1561	95.5681	174.763	174.689	40.0065	6.41344	64.8479	-0.009063
0.583042	81.8828	95.5681	174.411	178.674	37.7769	6.41219	65.262	-0.009063
0.584042	81.3356	95.5681	173.268	179.059	38.2076	6.42156	65.8841	-0.010313
0.585042	82.0193	95.2942	172.583	176.326	38.6397	6.42468	66.5749	-0.010313
0.586042	82.1561	95.2942	172.126	175.235	40.2552	6.42719	67.6605	-0.010313
0.587042	81.8828	95.4312	172.812	173.186	40.4753	6.43844	67.9568	-0.010313
0.588042	82.4295	95.5681	172.583	174.552	40.2755	6.44969	68.7481	-0.008438
0.589042	82.0193	95.5681	172.489	173.869	40.194	6.45469	69.4389	-0.009063
0.590042	81.7456	95.5681	172.355	174.415	39.3666	6.45675	70.3746	-0.009688
0.591043	81.8828	95.5681	171.669	174.689	38.6533	6.46562	71.016	-0.007813
0.592043	82.1561	95.5681	171.669	174.415	38.3109	6.46844	71.7068	-0.010313
0.593043	82.0193	95.5681	172.355	173.323	38.6978	6.47719	72.3976	-0.010313
0.594043	81.8091	95.5681	173.154	174.279	40.2511	6.48875	73.1871	-0.011875
0.595043	81.3356	95.8421	174.068	175.508	40.7728	6.44969	73.6312	-0.011563
0.596043	82.2928	95.7051	174.753	176.376	40.7728	6.42869	74.7168	-0.010938
0.597043	81.8828	95.5681	177.837	177.83	41.4087	6.42844	75.753	-0.011563
0.598043	81.7456	95.9791	179.665	179.879	41.2293	6.50694	76.4439	-0.010313
0.599043	82.1561	95.5681	182.634	181.518	39.1261	6.51594	77.2827	-0.010938
0.600043	81.8828	95.5681	184.462	185.615	37.887	6.51969	77.7268	-0.009063
0.601043	82.0193	95.8421	186.746	189.03	39.788	6.52812	78.7137	-0.009063
0.602043	81.8828	95.7051	190.287	193.81	39.782	6.52406	79.4045	-0.011563
0.603043	81.8828	95.6681	195.655	195.722	40.4549	6.53219	80.0954	-0.011563
0.604043	81.8828	95.1572	200.462	199	40.9481	6.53969	80.9836	-0.01
0.605044	81.3356	95.5681	205.935	204.19	40.7158	6.55084	81.7731	-0.006875
0.606044	81.8828	95.5681	210.047	208.561	40.463	6.54719	82.3159	-0.006688
0.607044	81.8828	95.2942	214.844	214.844	40.137	6.55582	83.4508	-0.010625
0.608044	82.1561	95.5681	221.012	222.492	39.2891	6.56344	84.4871	-0.010313
0.609044	81.8828	95.5681	226.484	228.082	38.5555	6.56469	84.8325	-0.010313
0.610044	81.8828	95.5681	234.489	233.692	39.8764	6.56812	85.7207	-0.010313
0.611044	82.1561	95.5681	241.114	239.585	40.4508	6.54989	86.0167	-0.012188
0.612044	82.1561	95.8421	248.081	248.308	41.0745	6.52908	86.8063	-0.009375
0.613044	82.1561	95.1572	255.62	254.453	41.319	6.50969	87.7438	-0.009688
0.614044	82.0193	95.0203	262.13	260.326	41.05	6.51469	88.1879	-0.010313
0.615044	82.8396	95.7051	268.963	269.34	40.5283	6.58719	89.0268	-0.01125
0.616044	82.2928	95.5681	276.178	276.308	39.7008	6.57469	89.5696	-0.010313
0.617044	82.0193	95.9791	283.489	281.789	38.0663	6.58219	90.1617	-0.012188
0.618044	81.8828	95.0203	291.141	292.422	38.3109	6.58594	91.2666	-0.012188
0.619045	81.8828	96.39	298.908	298.432	39.3135	6.58469	91.8394	-0.013125
0.620045	81.8828	95.5681	306.675	305.398	39.6888	6.58344	92.2342	-0.010313
0.621045	82.1561	95.5681	313.071	314.002	39.925	6.58844	93.3198	-0.010313
0.622045	82.1561	96.1161	318.439	320.285	39.9413	6.59062	93.8625	-0.008126
0.623045	81.8828	95.5681	323.579	325.865	39.7008	6.59094	94.3066	-0.009375

0.624045	81.8826	95.8421	330.681	330.685	39.3299	6.59469	95.1949	-0.011563
0.625045	81.4724	95.5681	337.285	334.783	38.4843	6.59125	96.0831	-0.009686
0.626045	82.1561	95.7051	342.998	343.777	38.2579	6.59531	96.6752	-0.010313
0.627045	81.7458	95.5681	349.392	350.606	39.4318	6.59188	87.07	-0.009063
0.628045	82.0193	95.0203	356.017	355.797	40.2266	6.58906	97.6127	-0.012813
0.629045	81.8826	96.1161	363.213	361.533	40.6016	6.54281	96.5009	-0.010313
0.630045	81.7458	96.1161	371.094	369.455	40.6687	6.52156	96.8484	-0.011563
0.631045	82.0193	95.7051	378.632	377.786	40.7973	6.54531	99.5865	-0.010938
0.632045	81.8826	95.8421	386.399	385.298	40.1288	6.61406	99.9813	-0.012188
0.633045	82.2928	96.527	395.536	393.22	39.2647	6.59062	100.623	-0.010938
0.634045	81.7458	95.8421	403.303	402.508	38.3435	6.59719	101.116	-0.010313
0.635045	82.1561	95.5681	411.641	411.249	37.3245	6.58844	102.202	-0.010313
0.636045	82.2928	95.8421	420.207	417.805	37.9033	6.58344	102.369	-0.010938
0.637045	81.7458	95.2942	427.06	425.863	38.7756	6.59156	102.893	-0.010313
0.638045	82.1561	95.4312	435.284	434.195	38.906	6.59469	103.366	-0.010313
0.639045	82.2928	95.7051	443.965	442.799	38.9386	6.59969	103.287	-0.009063
0.640045	81.3356	95.7051	451.732	450.858	39.2484	6.59031	104.274	-0.010625
0.641045	81.8826	95.7051	460.869	458.37	38.5351	6.59188	104.965	-0.009686
0.642045	81.8826	95.5681	468.636	466.155	37.8544	6.59156	105.506	-0.011563
0.643045	81.8826	96.1161	475.946	474.623	38.2375	6.59281	106.001	-0.010625
0.644045	81.3356	95.7051	483.827	481.725	38.9957	6.58469	106.149	-0.012188
0.645045	82.1561	95.8421	490.794	490.193	39.8661	6.56156	107.136	-0.011563
0.646045	81.6091	95.0203	498.475	497.022	40.838	6.53719	107.879	-0.009063
0.647045	82.1561	95.5681	506.556	504.535	40.5609	6.51219	108.074	-0.010313
0.648045	82.2928	95.5681	513.409	512.866	41.1367	6.54084	109.011	-0.008436
0.649045	82.0193	95.5681	520.719	520.515	40.4019	6.59219	109.455	-0.009063
0.650045	82.1561	95.8421	528.486	528.797	39.8924	6.57531	109.505	-0.014083
0.651045	81.8826	95.5681	534.768	531.988	39.1913	6.57969	110.492	-0.011563
0.652045	81.8826	95.8421	541.735	540.592	37.5568	6.57344	111.38	-0.011563
0.653045	81.6091	95.4312	548.36	547.831	38.6595	6.57312	111.479	-0.009063
0.654045	81.8826	95.5681	555.441	556.026	38.7022	6.57219	112.071	-0.011563
0.655045	81.6091	95.5681	563.208	562.036	39.1913	6.57261	112.86	-0.010313
0.656045	82.1561	95.7051	570.081	568.455	39.4522	6.58906	113.551	-0.00875
0.657045	81.7458	96.1161	578.229	575.284	39.0609	6.58469	114.341	-0.009375
0.658045	81.1989	95.8421	582.739	582.25	38.8489	6.56187	114.834	-0.009375
0.659045	82.1561	95.8421	589.021	589.352	38.1438	6.55844	115.426	-0.010313
0.660045	81.7458	95.8421	595.874	595.771	37.8095	6.55875	116.265	-0.010313
0.661045	81.8826	96.39	602.613	599.596	38.8489	6.55281	116.018	-0.010313
0.662045	81.4724	96.864	607.763	606.971	40.2511	6.53094	117.449	-0.012813
0.663045	81.6091	95.5681	613.692	613.837	41.0174	6.49563	118.338	-0.010938
0.664045	81.0622	95.8421	619.289	619.948	41.05	6.47219	118.387	-0.01125
0.665045	81.8826	95.7051	625.343	625.883	41.4046	6.51781	119.275	-0.010625
0.666045	81.8826	95.8421	631.282	630.327	41.4413	6.55906	119.67	-0.010938
0.667045	81.6091	95.8421	635.508	638.795	40.7158	6.54281	120.311	-0.009063
0.668045	81.8826	95.7051	642.932	646.443	39.2647	6.53906	120.854	-0.010938
0.669045	81.8826	95.4312	650.014	650.541	37.9787	6.53469	121.94	-0.01125
0.670045	81.3356	95.7051	658.161	658.739	39.0201	6.53856	122.581	-0.010313
0.671045	82.4295	96.527	662.007	667.204	38.959	6.53969	122.827	-0.010625
0.672045	82.0193	95.8421	668.06	674.579	38.6804	6.53887	123.321	-0.012188
0.673045	81.8826	95.8421	673.999	684.413	39.6785	6.53469	124.407	-0.01125
0.674045	81.8826	95.5681	676.741	694.247	39.3707	6.53406	125.493	-0.010313
0.675045	81.6091	95.8421	675.142	709.544	38.4087	6.53312	125.887	-0.009063

0.676049	81.7458	95.8791	673.543	729.758	38.2701	6.53719	126.877	-0.010625
0.677049	81.7458	95.5681	672.4	748.968	37.3328	6.53344	127.486	-0.010313
0.678049	81.7458	96.1161	673.771	761.855	38.0419	6.53158	128.009	-0.010938
0.679049	81.3358	96.1161	676.027	775.514	39.55	6.51219	129.045	-0.010825
0.680049	82.4295	95.2942	678.512	787.396	39.6478	6.48344	129.835	-0.010313
0.681049	81.7458	95.5681	678.225	797.503	40.483	6.48489	130.822	-0.008375
0.682049	82.1561	95.4312	680.852	805.698	41.0337	6.50344	131.414	-0.010313
0.683049	81.1889	95.7051	688.107	816.078	40.4857	6.54094	132.203	-0.007188
0.684049	81.8828	95.5681	689.99	825.912	40.0862	6.52938	133.388	-0.012813
0.685049	81.8828	95.8791	694.787	837.795	38.3883	6.53687	134.424	-0.010938
0.686049	81.8828	95.5681	697.985	848.858	37.781	6.53813	134.72	-0.010313
0.687049	82.4295	95.2942	700.498	858.892	38.5085	6.53344	135.855	-0.010625
0.68805	81.7458	95.5681	703.239	867.287	38.3218	6.53344	136.548	-0.010625
0.68905	81.7458	95.7051	705.295	875.355	38.6478	6.53408	137.335	-0.010938
0.69005	81.8091	95.8791	707.579	883.004	38.1587	6.53969	138.273	-0.010313
0.69105	81.8091	95.5681	709.407	888.74	38.1424	6.54281	138.112	-0.009063
0.69205	81.8828	95.5681	710.778	895.706	38.9304	6.53908	138.704	-0.010313
0.69305	82.1561	96.1161	712.805	900.076	37.9358	6.53594	140.385	-0.010938
0.69405	82.1561	95.8421	714.775	905.13	37.031	6.53844	141.135	-0.010313
0.69505	81.8828	95.2942	715.232	910.457	38.8588	6.53937	141.875	-0.012813
0.69605	81.8828	95.5681	716.26	914.964	38.3435	6.51344	143.405	-0.010313
0.69705	81.7458	95.5681	717.973	919.608	38.1828	6.48719	143.802	-0.010625
0.69805	81.8828	95.8421	718.544	924.798	38.8291	6.47158	144.441	-0.010938
0.69905	82.4295	95.1572	719.458	927.529	40.3571	6.52489	144.834	-0.010313
0.70005	81.8828	95.7051	720.258	931.217	40.3408	6.55808	145.724	-0.011563
0.70105	81.8828	95.8791	720.372	934.359	40.0228	6.54489	146.217	-0.011875
0.702051	82.0193	95.8421	720.829	937.773	38.4821	6.54989	147.105	-0.009063
0.703051	81.8828	95.5681	721.514	942.007	37.4223	6.54869	147.698	-0.010625
0.704051	82.0193	95.8791	721.971	944.739	38.8775	6.55408	148.388	-0.010313
0.705051	81.4724	96.2531	723.57	948.28	38.3544	6.55375	149.375	-0.008563
0.706051	81.8828	96.2531	723.913	953.207	38.5989	6.55682	149.425	-0.011563
0.707051	81.7458	95.5681	726.54	955.939	38.8109	6.55719	150.609	-0.010313
0.708051	82.0193	95.5681	728.139	961.948	38.6152	6.56281	150.757	-0.009888
0.709051	82.1561	95.5681	729.052	964.407	38.2238	6.56531	151.152	-0.010938
0.710051	81.8091	96.1161	731.908	967.958	38.8328	6.58719	151.744	-0.011563
0.711051	82.1561	95.5681	734.192	972.738	38.0828	6.58344	152.287	-0.011563
0.712051	82.0193	95.5681	736.908	975.606	37.8889	6.58187	153.224	-0.009688
0.713051	81.7458	95.8791	738.19	981.07	38.6777	6.53813	153.52	-0.010938
0.714051	82.1561	95.5681	741.18	985.85	38.5052	6.52281	154.014	-0.011563
0.715051	82.0193	95.8791	742.987	989.401	40.1859	6.49781	154.902	-0.010313
0.716052	82.0193	95.5681	748.414	994.182	40.6251	6.55281	155.494	-0.010313
0.717052	81.8828	95.7051	747.556	998.552	40.875	6.57844	155.891	-0.012813
0.718052	82.0193	96.1161	751.439	1003.33	40.5283	6.57562	156.878	-0.012188
0.719052	81.3358	95.5681	753.723	1008.39	38.5514	6.58408	156.974	-0.009375
0.720052	81.8828	95.5681	757.378	1013.58	37.2859	6.57969	157.389	-0.010625
0.721052	81.8091	95.7051	761.033	1019.18	38.1872	6.58094	158.208	-0.010313
0.722052	81.8828	95.8421	764.232	1024.23	39.4728	6.58489	158.751	-0.010938
0.723052	82.1561	95.8791	768.859	1028.97	38.8824	6.59312	159.146	-0.010313
0.724052	82.0193	95.8791	770.856	1038.8	40.2674	6.58719	159.984	-0.010313
0.725052	81.8828	96.8791	774.825	1044.44	40.2786	6.58219	160.577	-0.010938
0.726052	81.3358	95.5681	778.537	1070.67	40.0391	6.58408	161.218	-0.010625
0.727052	81.8828	95.8421	794.385	1108.46	39.6438	6.59082	161.583	-0.007813

0.728052	81.7458	95.1572	812.203	1110.41	38.8813	6.58908	162.6	-0.010938
0.729052	81.0822	95.8421	812.203	1113.14	38.0704	6.58344	164.87	-0.010938
0.730053	82.2928	94.8833	809.005	1118.74	39.0894	6.55969	166.597	-0.012813
0.731053	81.6091	96.39	814.716	1123.12	39.925	6.53406	169.409	-0.0125
0.732053	81.8826	95.5681	821.34	1129.4	40.3163	6.51781	171.039	-0.011583
0.733053	82.4295	95.9791	823.987	1141.69	40.6689	6.55844	172.567	-0.010625
0.734053	82.0193	95.9791	826.879	1153.18	40.6832	6.56656	173.456	-0.010313
0.735053	81.8826	95.5681	834.361	1164.38	39.9902	6.58562	173.853	-0.010938
0.736053	82.703	95.5681	836.189	1173.1	39.2586	6.59344	174.393	-0.010313
0.737053	81.8826	96.1161	836.303	1176.11	37.7728	6.58906	174.689	-0.010313
0.738053	81.8826	96.2531	842.128	1176.52	37.5201	6.58344	175.084	-0.007813
0.739053	81.8826	95.8421	847.725	1179.86	38.5351	6.58281	175.38	-0.011875
0.740053	82.2928	95.9791	851.266	1187.96	39.0283	6.59531	176.416	-0.010313
0.741053	82.1561	96.39	854.121	1198.6	39.0568	6.59719	176.12	-0.011875
0.742053	81.6091	96.1161	859.281	1204.79	39.2525	6.60312	176.584	-0.010625
0.743053	81.3356	95.9791	862.916	1213.53	39.3054	6.59719	176.712	-0.008438
0.744054	81.8826	95.8421	864.743	1220.09	38.7185	6.59844	177.403	-0.010313
0.745054	81.7458	95.5681	867.713	1225.01	38.0337	6.60187	177.403	-0.010938
0.746054	81.7458	95.8421	871.139	1229.38	37.4753	6.60584	178.193	-0.010625
0.747054	82.0193	95.9791	875.251	1236.21	36.366	6.58812	178.538	-0.010313
0.748054	81.8826	95.9791	878.221	1240.99	39.0772	6.56469	179.229	-0.010313
0.749054	82.0193	95.8421	881.876	1247.54	39.8353	6.53469	179.476	-0.011563
0.750054	81.1989	95.8421	884.731	1253.55	39.9861	6.55969	180.068	-0.011563
0.751054	81.8826	95.5681	887.358	1258.08	39.819	6.62875	180.068	-0.01125
0.752054	81.8826	95.2942	889.529	1262.43	39.7988	6.61989	180.482	-0.011583
0.753054	81.6091	95.5681	892.384	1264.64	39.0448	6.62584	180.759	-0.01
0.754054	81.8826	95.9791	890.328	1207.11	37.8138	6.62594	180.759	-0.011563
0.755054	81.8826	95.5681	877.992	1211.07	36.8517	6.62219	180.611	-0.010938
0.756054	81.6091	95.5681	886.216	1198.51	36.9984	6.62344	180.166	-0.009063
0.757055	82.0193	95.8421	892.641	1188.67	37.4631	6.62281	178.785	-0.010625
0.758055	81.7458	95.4312	888.673	1200.89	37.8587	6.62584	177.798	-0.01125
0.759055	81.8826	95.8421	891.689	1210.53	38.4576	6.61906	178.712	-0.01125
0.760055	81.1989	95.5681	900.836	1234.43	38.3435	6.61719	175.429	-0.00875
0.761055	81.7458	95.5681	905.976	1317.88	37.6832	6.61344	174.294	-0.01125
0.762055	81.6091	96.1161	923.908	1344.79	37.7688	6.61344	174.146	-0.011563
0.763055	81.7458	96.2531	924.365	1333.45	37.1009	6.60969	175.133	-0.010313
0.764055	81.7458	95.5681	912.715	1328.53	37.19	6.59062	176.811	-0.012813
0.765055	81.8826	95.5681	915.456	1309.14	38.5799	6.55806	179.772	-0.010938
0.766055	82.1561	95.8421	917.969	1293.57	39.3218	6.53531	182.634	-0.009063
0.767055	82.0193	95.9791	914.2	1304.77	39.44	6.53437	184.607	-0.010938
0.768055	81.8826	95.5681	915.456	1321.98	40.0228	6.61156	185.584	-0.011563
0.769055	82.0193	95.8421	918.586	1333.18	39.9495	6.59806	188.285	-0.010313
0.770055	81.6091	95.8421	909.858	1347.66	39.1587	6.60344	186.265	-0.009063
0.771056	81.8826	96.1161	902.549	1353.94	38.9712	6.59594	186.186	-0.008125
0.772056	82.0193	96.884	904.491	1347.11	37.887	6.59219	185.841	-0.011563
0.773056	81.7458	95.1572	909.517	1339.6	36.7783	6.59719	185.496	-0.010313
0.774056	81.8826	95.8421	908.146	1335.36	37.3571	6.59856	185.298	-0.010313
0.775056	81.6091	95.8421	908.489	1331.27	38.0828	6.59489	184.708	-0.010625
0.776056	81.0822	95.8421	910.659	1335.91	38.0704	6.59062	184.509	-0.010938
0.777056	81.8826	95.8421	909.973	1348.02	38.2375	6.58938	184.213	-0.01125
0.778056	81.7458	96.1161	910.43	1353.53	37.9644	6.58969	184.311	-0.010938
0.779056	82.1561	96.1161	913.628	1359.95	38.0337	6.58969	184.311	-0.010313

0.780058	81.7458	95.8421	917.283	1385.98	36.9739	6.58719	184.311	-0.011583
0.781058	82.4295	95.5681	919.91	1385.89	36.4726	6.57469	184.311	-0.010938
0.782058	82.1581	95.5681	919.796	1385.28	36.1112	6.54781	184.114	-0.007813
0.783058	81.8826	95.8421	918.426	1386.09	36.8044	6.52531	183.917	-0.011583
0.784058	81.8826	95.9791	917.74	1387.73	36.9794	6.51219	183.917	-0.011583
0.785057	82.2928	95.8421	918.197	1370.08	40.5364	6.58437	183.818	-0.010313
0.786057	81.8826	95.8421	917.989	1371.89	40.4304	6.58875	183.423	-0.010313
0.787057	81.8826	95.8421	917.74	1370.47	39.7457	6.59531	182.93	-0.010313
0.788057	82.0183	95.4312	917.169	1328.53	39.8068	6.59719	182.338	-0.009688
0.789057	81.6091	95.7051	908.204	1299.31	39.0446	6.58469	181.647	-0.010313
0.790057	82.0183	95.5681	902.664	1294.25	37.0881	6.58719	180.384	-0.009688
0.791057	81.7458	95.9791	909.288	1270.62	36.5174	6.58812	178.686	-0.010313
0.792057	81.6091	95.8421	903.12	1271.17	38.3109	6.59437	178.683	-0.010313
0.793057	81.8826	95.5681	900.836	1282.37	39.0935	6.59562	174.64	-0.008438
0.794057	82.0183	95.5681	907.118	1292.07	37.5609	6.58562	172.814	-0.012188
0.795057	81.1889	95.8421	907.481	1351.21	37.8482	6.57969	171.235	-0.010938
0.796057	81.8826	95.7051	918.941	1448.45	38.6981	6.57437	170.297	-0.010313
0.797057	81.8826	95.9791	936.929	1425.64	36.8781	6.57312	170.297	-0.010938
0.798057	81.8826	95.8421	916.37	1402.28	36.4359	6.57906	172.222	-0.010938
0.799058	81.7458	95.5681	902.435	1365.35	36.819	6.54969	175.627	-0.010313
0.800058	82.4295	95.7051	914.085	1377.7	36.9291	6.51969	179.13	-0.010313
0.801058	81.8826	95.9791	918.654	1390.62	36.1478	6.49584	181.698	-0.010825
0.802058	81.3358	95.8421	915.227	1421.41	39.2891	6.52838	183.423	-0.010313
0.803058	82.1581	95.8421	914.542	1427.97	38.8163	6.58094	183.917	-0.010313
0.804058	81.4724	96.1161	912.715	1427.69	38.4929	6.58594	184.311	-0.010313
0.805058	81.8826	95.9791	900.836	1431.52	40.3082	6.57594	184.509	-0.011675
0.806058	81.8826	95.2942	893.983	1416.63	36.4495	6.57531	184.558	-0.011683
0.807058	82.0183	95.8421	899.922	1419.64	36.4237	6.57469	184.114	-0.011683
0.808058	82.0183	95.5681	907.575	1444.36	36.6805	6.57781	183.522	-0.008438
0.809058	82.1581	95.5681	906.318	1395.05	36.0745	6.58969	183.324	-0.01
0.810058	81.6091	95.5681	887.13	1421	37.8136	6.58406	182.732	-0.010825
0.811058	82.2928	95.8421	893.755	1430.97	37.8587	6.57094	182.338	-0.010825
0.812058	81.7458	96.1161	901.636	1410.48	37.9481	6.57219	182.14	-0.0125
0.813058	81.8826	95.8421	887.473	1422.37	37.8055	6.57344	182.535	-0.008688
0.814058	81.7458	96.39	891.47	1432.2	37.3204	6.56969	182.732	-0.010938
0.815058	81.3358	95.5681	904.719	1433.43	37.0982	6.57156	182.93	-0.0076
0.816058	82.1581	95.8421	898.78	1450.64	35.9468	6.56594	182.634	-0.012813
0.817058	81.8826	96.1161	892.158	1461.29	35.0337	6.53969	182.93	-0.010825
0.818058	81.3358	95.8421	894.44	1440.81	36.2402	6.51469	183.028	-0.011583
0.819058	82.0183	95.9791	892.498	1432.88	37.2756	6.50969	182.732	-0.010313
0.820058	81.6091	95.9791	887.016	1432.61	38.368	6.58687	182.535	-0.010938
0.821058	82.1581	95.8421	884.389	1433.29	38.5836	6.57969	182.239	-0.01125
0.822058	82.1581	95.5681	888.559	1441.08	38.5862	6.57813	181.104	-0.009683
0.823058	82.0183	95.0203	884.848	1444.9	38.4739	6.57969	180.384	-0.011875
0.824058	81.8826	95.9791	880.982	1447.36	37.6546	6.57469	179.574	-0.010313
0.825058	82.2928	95.5681	880.048	1433.16	36.1506	6.57594	179.278	-0.010938
0.826058	81.8826	96.1161	874.568	1432.34	36.3177	6.58669	179.081	-0.01125
0.827058	81.8826	95.5681	873.31	1432.08	37.2511	6.57344	179.13	-0.012188
0.828058	82.0183	95.9791	873.766	1436.71	37.7038	6.57094	179.772	-0.012813
0.829058	81.8826	96.1161	874.794	1443.87	37.6587	6.57281	180.314	-0.010938
0.830058	82.1581	95.9791	876.837	1418.54	37.7525	6.57469	180.561	-0.01125
0.831058	82.0183	95.7051	868.741	1398.48	37.7239	6.57469	181.252	-0.010938

0.83208	82.4286	95.8791	861.317	1375.93	37.5527	6.58084	182.436	-0.01125
0.83306	81.1869	95.5681	855.608	1355.3	36.8639	6.57813	183.966	-0.010313
0.83406	81.8091	95.8791	850.238	1340.55	36.1873	6.56187	185.496	-0.011563
0.83506	81.8826	95.7051	846.011	1321.98	35.8449	6.53594	186.631	-0.010625
0.83606	82.0193	95.8791	842.585	1302.31	36.4033	6.51531	187.469	-0.011875
0.83706	82.0193	95.8791	835.732	1288.33	37.4305	6.52156	188.456	-0.010313
0.83806	81.8826	95.7051	829.564	1267.82	38.1438	6.58344	189.147	-0.012188
0.83906	82.1561	95.8421	824.881	1253.82	38.4413	6.58187	189.986	-0.011675
0.84006	81.8826	95.8791	823.739	1240.03	38.7022	6.58781	190.085	-0.009688
0.841061	81.7458	96.1161	823.853	1227.74	38.4087	6.58806	188.752	-0.008125
0.842061	81.3356	95.8421	823.188	1222.41	37.887	6.58844	188.456	-0.011563
0.843061	82.0193	96.1161	824.653	1212.03	35.8183	6.58719	188.16	-0.010313
0.844061	81.7458	96.39	824.424	1205.2	36.2525	6.58856	188.407	-0.012813
0.845061	81.7458	96.864	824.539	1201.38	37.3163	6.59156	188.062	-0.011875
0.846061	82.0193	96.1161	825.795	1196.73	37.8138	6.59156	187.469	-0.01125
0.847061	82.703	95.8421	828.193	1193.59	38.0419	6.59489	187.272	-0.01125
0.848061	82.1561	95.8791	829.907	1192.5	38.372	6.59344	187.469	-0.010313
0.849061	81.8826	96.864	832.305	1186.67	38.2579	6.59489	187.667	-0.010313
0.850061	81.7458	95.8421	833.904	1185.94	37.9522	6.59489	188.012	-0.010838
0.851061	81.8826	95.8791	835.047	1184.14	37.5364	6.59094	188.802	-0.010313
0.852061	82.1561	96.2531	839.044	1182.77	37.0229	6.57582	188.456	-0.011875
0.853061	82.0193	96.39	840.072	1187.58	36.1506	6.55187	189.248	-0.011875
0.854061	81.8826	95.4312	838.245	1187.86	37.0636	6.52989	189.739	-0.010313
0.855062	81.4724	95.8421	841.671	1181.3	37.9522	6.54219	189.937	-0.010313
0.856062	81.3356	96.1161	840.986	1207.25	38.5025	6.62281	190.134	-0.01125
0.857062	82.1561	96.1161	847.839	1288.93	38.6044	6.60844	190.529	-0.010625
0.858062	82.1561	96.39	865.2	1357.63	38.5473	6.61844	190.529	-0.010313
0.859062	81.8826	96.1161	875.48	1456.56	38.3843	6.61781	190.627	-0.009063
0.860062	81.8091	95.5681	894.44	1533.41	37.8139	6.61656	188.654	-0.013125
0.861062	81.8826	96.1161	920.025	1556.9	36.5419	6.61719	188.358	-0.011875
0.862062	81.8826	95.5681	927.791	1535.59	35.7104	6.61594	188.752	-0.010313
0.863062	82.1561	95.8791	922.894	1517.84	36.2568	6.62219	189.295	-0.010313
0.864062	82.0193	96.1161	924.136	1486.42	36.9046	6.62375	190.331	-0.009688
0.865062	82.1561	95.8791	921.624	1477.55	37.3163	6.61719	190.874	-0.010838
0.866062	82.703	95.8421	914.085	1480.2	37.2348	6.61594	191.072	-0.010838
0.867062	81.7458	95.5681	905.405	1440.67	37.3852	6.61959	191.318	-0.011563
0.868063	81.3356	96.1161	897.888	1419.77	37.3	6.62187	192.157	-0.010313
0.869063	81.8826	95.7051	889.072	1397.37	36.7783	6.62094	191.91	-0.011875
0.870063	81.8826	95.1572	880.277	1374.97	36.0263	6.61594	192.207	-0.010313
0.871063	81.8826	96.1161	880.277	1358.58	35.8696	6.59094	191.616	-0.011563
0.872063	81.8826	96.527	886.216	1345.74	36.5826	6.56812	191.17	-0.010313
0.873063	81.8826	95.8791	889.529	1340.28	37.2267	6.55344	191.318	-0.010838
0.874063	82.1561	95.5681	893.089	1334.82	37.8218	6.61781	190.43	-0.010313
0.875063	82.2928	96.1161	899.58	1329.9	38.3598	6.63094	190.331	-0.009688
0.876063	81.8826	96.1161	903.677	1328.26	38.0337	6.62594	190.035	-0.010313
0.877063	81.8826	95.8791	910.887	1327.44	37.7484	6.63344	189.789	-0.012813
0.878063	81.8826	96.1161	919.111	1330.72	37.1859	6.63188	189.789	-0.010313
0.879063	81.7458	95.2942	928.248	1334	36.4198	6.62658	189.986	-0.010313
0.880063	82.1561	96.1161	936.472	1336.18	35.2457	6.62469	190.183	-0.009063
0.881063	82.0193	96.39	943.782	1337.96	34.8017	6.62969	190.627	-0.011563
0.882064	82.0193	95.2942	948.893	1336.73	35.697	6.63219	190.627	-0.014063
0.883064	81.7458	96.1161	955.861	1338.46	35.6593	6.63406	191.516	-0.012813

0.884084	82.0193	95.9791	960.001	1342.74	35.747	6.62906	192.305	-0.012188
0.885084	82.0193	95.8421	963.884	1345.2	36.8234	6.63219	192.801	-0.011875
0.886084	82.4295	96.1161	966.854	1348.97	36.1017	6.63825	192.848	-0.011563
0.887084	82.1561	96.1161	966.825	1347.86	35.9753	6.63908	192.996	-0.010313
0.888084	81.8828	95.5881	965.94	1347.26	35.6858	6.63489	193.095	-0.010938
0.889084	81.8828	95.4312	964.227	1348.75	34.781	6.63094	193.292	-0.011563
0.890084	82.0193	96.39	963.189	1349.57	35.5066	6.61875	193.391	-0.012188
0.891084	81.7458	95.8421	962.057	1357.22	36.6479	6.60094	193.638	-0.008375
0.892084	82.4295	96.2531	963.427	1423.05	37.0982	6.58856	193.796	-0.010838
0.893084	82.1561	96.1161	974.735	1471.54	37.7728	6.63906	192.996	-0.01375
0.894084	82.2928	96.894	976.582	1540.51	37.7321	6.65875	191.22	-0.0125
0.895084	82.1561	96.1161	977.248	1598.28	37.4916	6.61989	188.604	-0.008438
0.896085	82.0193	96.1161	982.502	1609.89	37.5935	6.57989	185.693	-0.006688
0.897085	82.1561	96.1161	976.22	1608.12	36.709	6.54219	184.163	-0.006063
0.898085	82.0193	96.9791	973.022	1593.5	36.2239	6.50489	183.719	-0.006688
0.899085	82.1561	95.9791	975.192	1575.48	34.6343	6.48094	184.953	-0.010313
0.900085	82.1561	96.1161	973.479	1338.73	35.2049	6.46375	187.469	-0.010313
0.901085	81.8828	95.7051	894.211	972.055	35.637	6.44719	189.69	-0.009083
0.902085	82.8368	95.5881	754.295	764.587	35.3068	6.43656	190.825	-0.011563
0.903085	81.8828	95.9791	692.845	541.821	36.387	6.43719	191.022	-0.011563
0.904085	82.0193	95.9791	584.338	488.508	36.2525	6.42687	191.91	-0.010313
0.905085	81.8828	95.9791	487.419	476.808	35.2701	6.41489	193.44	-0.010313
0.906085	82.4295	95.9791	470.892	447.58	35.4739	6.42219	194.772	-0.010313
0.907085	82.1561	96.527	461.097	454.955	34.9622	6.40719	194.378	-0.009083
0.908085	82.1561	95.8421	478.573	688.57	34.2637	6.37844	194.18	-0.010313
0.909085	81.3356	95.5881	641.219	728.888	35.7348	6.35719	193.796	-0.012188
0.910088	82.1561	95.9791	818.201	683.047	36.4277	6.33781	193.796	-0.010838
0.911088	81.7458	95.9791	841.443	774.284	37.3	6.33531	193.539	-0.009375
0.912088	82.1561	96.884	858.718	911.14	37.243	6.39469	193.243	-0.012188
0.913088	82.0193	95.8421	940.127	979.431	37.4488	6.38125	193.095	-0.006688
0.914088	82.0193	95.9791	1007.74	1011.39	36.2457	6.36969	192.801	-0.010625
0.915088	81.6091	95.8421	1035.84	1069.3	37.2022	6.37594	192.305	-0.010313
0.916088	82.4295	95.4312	1088.51	1123.66	36.8234	6.37344	192.503	-0.010938
0.917088	82.1561	96.1161	1098.83	1147.7	35.4087	6.37844	192.648	-0.01125
0.918088	82.1561	95.9791	1054.8	1145.38	34.3204	6.36906	192.7	-0.011563
0.919088	82.1561	96.2531	1015.97	1101.26	35.2948	6.36594	193.489	-0.011563
0.920088	82.2928	96.39	1007.29	1031.88	35.8245	6.37084	194.082	-0.01125
0.921088	81.8828	96.39	978.504	998.962	35.7715	6.35906	194.97	-0.010313
0.922088	81.8828	95.8421	921.395	898.552	35.3109	6.35656	194.97	-0.010313
0.923088	81.8828	95.8421	887.13	970.889	36.2566	6.35812	194.772	-0.009063
0.924087	82.0193	96.9791	867.028	920.427	35.4495	6.34937	194.723	-0.00875
0.925087	82.1561	95.8421	819.97	877.404	34.0881	6.34989	194.279	-0.012188
0.926087	82.4295	95.7051	763.318	842.439	34.5809	6.34844	194.427	-0.007813
0.927087	81.8828	95.8421	723.342	793.408	33.8888	6.33656	193.796	-0.012813
0.928087	81.6091	95.5881	698.67	750.519	34.4835	6.31406	193.588	-0.012188
0.929087	82.1561	95.8421	678.111	731.281	35.3843	6.28906	192.996	-0.0125
0.930087	82.4295	96.1161	672.4	725.251	36.1506	6.27219	192.789	-0.010313
0.931087	82.4295	95.8421	682.68	728.393	36.5582	6.32437	192.562	-0.01125
0.932087	81.8828	95.9791	686.158	739.048	36.3707	6.34406	192.897	-0.010625
0.933087	81.8828	96.1161	708.635	737.953	36.8517	6.33489	194.18	-0.010625
0.934087	82.1561	95.5881	723.227	738.5	36.8152	6.32937	195.288	-0.01125
0.935087	81.8828	95.9791	741.616	749.017	35.1479	6.33063	196.648	-0.011563

0.938067	81.7458	95.5681	785.945	758.714	34.3	8.32687	197.733	-0.010938
0.937067	82.1561	96.1161	792.101	770.05	34.3408	8.32469	198.523	-0.008438
0.938068	81.7458	95.8421	814.031	785.211	34.6873	8.32344	199.016	-0.011563
0.938068	81.8826	96.39	828.85	810.888	35.4281	8.32344	199.184	-0.010313
0.940068	82.0193	96.1161	845.555	825.776	35.6818	8.32437	198.621	-0.010313
0.941068	81.8826	96.1161	850.58	811.161	35.1356	8.32344	197.338	-0.010625
0.942068	82.0193	96.664	839.387	830.829	35.1367	8.32687	194.082	-0.013125
0.943068	82.4295	96.1161	843.956	842.302	35.1367	8.31656	190.973	-0.010625
0.944068	82.0193	95.5681	851.494	832.332	34.1896	8.32281	188.654	-0.010625
0.945068	82.4295	95.8421	836.245	829.464	33.387	8.31344	187.489	-0.009063
0.946068	81.6091	95.8421	821.797	831.376	32.8284	8.31844	186.483	-0.011875
0.947068	81.7458	95.8421	816.086	820.985	33.1086	8.30719	185.249	-0.011875
0.948068	81.4724	95.8421	805.122	819.356	34.2022	8.28156	184.015	-0.007813
0.949068	82.1561	95.8421	786.446	818.493	34.6587	8.25312	183.324	-0.011563
0.950068	81.6091	96.1161	782.963	812.381	35.4413	8.24719	183.127	-0.011563
0.951068	81.8826	95.8421	778.395	804.059	35.8207	8.31406	182.288	-0.012813
0.952068	82.1561	95.8421	769.942	796.689	35.8248	8.31125	181.055	-0.009063
0.953068	82.5663	95.8421	759.891	805.152	35.7511	8.30781	179.87	-0.009068
0.954068	81.6091	95.9791	762.176	801.054	35.0256	8.31219	180.512	-0.009688
0.955068	81.8826	96.39	763.318	798.869	33.1587	8.30344	181.597	-0.010938
0.956068	81.8826	95.4312	758.084	800.781	33.3218	8.30344	182.091	-0.011563
0.957068	81.7458	95.8421	755.094	790.284	34.2593	8.29344	182.436	-0.010938
0.958068	82.1561	95.9791	752.124	777.582	34.4835	8.29489	181.844	-0.012813
0.959068	81.8826	95.1572	751.553	813.82	34.8381	8.29781	182.436	-0.010313
0.960068	81.8826	95.5681	768.8	803.513	34.7647	8.29858	183.867	-0.013125
0.961068	81.8826	95.0203	767.201	768.002	34.6873	8.29969	187.075	-0.010938
0.962068	81.8826	96.1161	743.872	783.299	34.6424	8.29531	186.483	-0.010313
0.963068	82.1561	95.9791	749.812	797.776	34.296	8.29344	184.804	-0.010825
0.964068	82.1561	95.9791	765.031	769.581	33.7865	8.29281	183.473	-0.01125
0.965068	82.2928	96.39	755.894	763.162	33.2403	8.29156	184.282	-0.010938
0.96607	82.1561	96.1161	742.759	781.113	32.8406	8.28875	186.68	-0.011563
0.96707	81.8826	96.1161	743.558	775.85	33.5419	8.28281	188.9	-0.011563
0.96807	82.1561	95.9791	742.967	779.884	34.4794	8.25781	190.578	-0.012613
0.96907	82.0193	95.9791	735.334	778.928	34.8218	8.23489	191.17	-0.010825
0.97007	82.2928	95.8421	731.337	771.826	35.2701	8.21344	190.627	-0.007813
0.97107	82.0193	96.2531	727.682	764.041	35.6003	8.27719	189.591	-0.010313
0.97207	81.8826	95.8421	721.857	779.398	35.3354	8.26781	189.493	-0.010313
0.97307	81.7458	95.5681	720.715	778.928	34.9648	8.26868	190.035	-0.010938
0.97407	81.8826	95.2942	726.311	902.398	34.1044	8.29084	190.973	-0.010313
0.97507	81.8826	95.8421	815.858	1046.63	32.5922	8.26719	191.269	-0.009063
0.97607	81.8826	96.39	877.982	1089.11	33.6479	8.28281	189.443	-0.011563
0.97707	81.3356	96.1161	825.908	1262.98	34.1044	8.27969	185.496	-0.010625
0.97807	82.2928	95.8421	802.609	1382.07	34.6343	8.27844	181.795	-0.01125
0.97907	82.2928	95.9791	803.979	1421.96	34.9522	8.27562	179.673	-0.010313
0.980071	82.0193	96.1161	797.583	1418.23	35.0011	8.27594	178.587	-0.010938
0.981071	82.0193	96.1161	766.402	1428.51	34.9441	8.2725	178.637	-0.009063
0.982071	81.8826	95.9791	764.688	1401.61	34.7568	8.26969	180.384	-0.011563
0.983071	82.0193	95.5681	750.411	1391.5	34.4672	8.26969	184.706	-0.012188
0.984071	82.4295	95.9791	711.006	1367.81	34.0229	8.26937	187.321	-0.012813
0.985071	82.1561	96.1161	693.968	1363.67	33.1058	8.26844	189.739	-0.01125
0.986071	82.1561	95.5681	690.675	1331.81	33.0283	8.26856	190.627	-0.010938
0.987071	81.8826	95.9791	685.892	1328.4	34.0962	8.26375	191.614	-0.010625

0.888071	82.4295	95.9791	684.507	1318.43	34.5202	6.24469	182.552	-0.010825
0.969071	82.4295	96.2531	690.447	1309.82	34.6832	6.22344	181.861	-0.010625
0.990071	82.1561	95.8421	696.785	1314.06	35.0628	6.20094	181.22	-0.011563
0.991071	82.1561	95.9791	704.724	1311.05	35.069	6.20937	181.121	-0.011875
0.992071	82.1561	96.1161	706.095	1306.88	34.5446	6.27312	182.749	-0.009063
0.993072	82.0193	95.8421	704.724	1307.5	34.19	6.25469	183.983	-0.010625
0.994072	82.1561	96.1161	712.833	1305.32	33.6112	6.25869	184.476	-0.009375
0.995072	82.0193	95.5681	729.052	1307.08	32.2131	6.25686	184.97	-0.010313
0.996072	82.1561	96.2531	748.155	1306.14	32.1927	6.25719	185.069	-0.010313
0.997072	81.3356	95.9791	758.549	1302.89	33.0202	6.25582	184.97	-0.010625
0.998072	82.1561	95.5681	768.287	1305.32	33.2847	6.25406	184.378	-0.010938
0.999072	82.2928	95.9791	770.171	1306.88	33.4846	6.25094	183.983	-0.010938
1.00007	82.1561	95.8421	770.856	1305.18	33.6153	6.24719	184.97	-0.010938
1.00107	82.4295	95.5681	789.6	1305.59	33.6886	6.25062	186.697	-0.010313
1.00207	81.8091	95.9791	770.513	1302.72	33.4115	6.24937	186.128	-0.010625
1.00307	82.1561	95.5681	770.856	1303.95	33.2036	6.24906	186.72	-0.009688
1.00407	81.8826	95.9791	768.115	1305.18	32.8327	6.24781	186.325	-0.011563
1.00507	82.0193	95.8421	758.092	1303.68	32.0256	6.24344	186.72	-0.010938
1.00607	81.8826	96.39	752.81	1300.13	32.2946	6.24344	187.289	-0.010313
1.00707	82.1561	95.9791	750.183	1299.44	33.281	6.24594	186.154	-0.010938
1.00807	82.1561	95.7051	750.068	1305.18	33.6479	6.24219	185.513	-0.010625
1.00907	81.7458	96.1161	752.81	1304.5	34.0066	6.21625	185.809	-0.012188
1.01007	82.4295	95.5681	755.551	1306.55	34.3612	6.18969	187.24	-0.010625
1.01107	82.1561	95.5681	758.977	1305.59	34.2348	6.16687	188.079	-0.010313
1.01207	81.3356	95.9791	762.832	1305.04	34.0147	6.18969	187.684	-0.011563
1.01307	81.8826	95.9791	768.859	1305.86	33.8231	6.24844	187.585	-0.0125
1.01407	82.4295	95.8421	772.684	1301.78	32.9957	6.23469	187.437	-0.006125
1.01507	81.7458	95.5681	777.938	1300.67	32.3721	6.23406	186.45	-0.012188
1.01607	81.8826	95.8421	785.476	1303.4	31.4713	6.23344	185.513	-0.012188
1.01707	82.2928	95.8421	780.73	1302.88	31.3816	6.23219	185.513	-0.011563
1.01807	82.1561	96.2531	784.613	1302.86	32.0297	6.22969	186.401	-0.010938
1.01907	81.8826	95.8421	787.126	1302.04	32.4251	6.22969	186.276	-0.011563
1.02007	82.4295	95.4312	800.667	1301.35	32.584	6.22344	189.411	-0.009688
1.02107	82.1561	96.1161	803.294	1303.4	32.7104	6.22594	189.707	-0.010938
1.02207	81.3356	96.1161	805.35	1305.18	32.7348	6.22969	189.608	-0.010313
1.02307	82.4295	95.8421	807.634	1294.94	32.531	6.22781	189.184	-0.009375
1.02407	82.2928	95.8421	808.205	1297.94	32.0175	6.23094	187.733	-0.011563
1.02507	82.1561	96.1161	809.919	1296.85	31.8136	6.22781	184.871	-0.010938
1.02607	82.1561	96.1161	812.66	1297.12	31.4876	6.22813	182.799	-0.011563
1.02707	81.8826	95.9791	812.203	1295.82	32.6003	6.22594	182.108	-0.011563
1.02807	82.0193	95.9791	814.716	1312.14	33.334	6.22719	181.713	-0.010313
1.02907	82.0193	96.1161	818.598	1299.58	33.1751	6.22156	182.996	-0.009375
1.03007	82.2928	95.8421	819.613	1283.57	33.762	6.19312	185.513	-0.010938
1.03107	82.1561	96.1161	820.427	1300.13	33.9899	6.17031	185.957	-0.011875
1.03207	82.0193	96.39	829.221	1287.56	34.0982	6.14969	183.341	-0.010938
1.03307	81.8826	96.1161	829.564	1316.83	34.1666	6.20219	190.233	-0.01125
1.03407	82.4295	95.9791	834.59	1308.46	32.9549	6.22687	188.851	-0.014688
1.03507	81.8826	95.9791	838.874	1300.13	32.906	6.21312	189.443	-0.012188
1.03607	81.7458	96.527	838.874	1300.54	32.1927	6.21584	182.305	-0.012813
1.03707	82.2928	95.9791	840.072	1294.66	31.0718	6.21219	184.772	-0.010938
1.03807	81.8826	96.684	843.042	1304.09	31.8544	6.21219	186.253	-0.012188
1.03907	81.4724	95.8421	846.783	1308.87	32.3109	6.21156	185.957	-0.010313

1.04007	82.2828	95.8421	846.811	1306.88	32.1479	6.20719	195.217	-0.010938
1.04107	82.1561	96.1161	845.326	1304.22	32.8853	6.20469	194.476	-0.0126
1.04208	82.0193	95.8421	845.098	1299.85	32.4251	6.21469	193.588	-0.01126
1.04308	82.1561	96.1161	845.783	1361.09	32.1898	6.21656	192.404	-0.010938
1.04408	81.4724	95.9791	858.233	1473.86	32.4821	6.21719	192.305	-0.010313
1.04508	81.8826	96.1161	864.743	1570.58	31.8463	6.21312	192.355	-0.011875
1.04608	82.1561	96.2531	864.172	1687.47	30.868	6.20469	191.516	-0.010825
1.04708	82.2828	96.1161	866.673	1691.84	31.5976	6.20844	190.134	-0.011583
1.04808	82.1561	96.39	875.251	1691.3	32.2885	6.20219	189.048	-0.012813
1.04908	82.4295	96.2531	859.032	1698.54	33.3829	6.20344	188.999	-0.012813
1.05008	82.1561	95.9791	868.827	1679.14	33.5093	6.20313	189.443	-0.012813
1.05108	81.3356	95.9791	869.769	1685.97	33.6479	6.17594	189.048	-0.012813
1.05208	82.1561	95.7051	863.801	1690.75	34.3897	6.15344	188.851	-0.010313
1.05308	82.0193	96.1161	863.829	1676	34.3	6.12469	189.197	-0.010825
1.05408	82.1561	96.1161	860.403	1681.05	33.8886	6.15844	191.022	-0.010313
1.05508	82.1561	95.9791	855.806	1679.28	33.8385	6.20563	182.896	-0.012188
1.05608	82.1561	95.9791	852.865	1673.4	32.9488	6.18844	183.588	-0.009888
1.05708	81.8826	96.1161	864.578	1672.45	30.9088	6.19219	193.539	-0.011583
1.05808	82.703	95.5681	862.459	1686.35	31.5895	6.18469	192.799	-0.011583
1.05908	82.0193	95.9791	863.829	1672.72	32.0258	6.18125	191.466	-0.0125
1.06008	81.8091	95.9791	864.743	1676	32.099	6.18219	190.381	-0.011875
1.06108	82.4295	96.2531	867.484	1669.17	32.474	6.18219	190.578	-0.010313
1.06208	81.8826	95.5681	867.266	1666.71	32.3639	6.17937	190.43	-0.012188
1.06308	82.703	96.2531	868.741	1664.94	32.1194	6.17969	191.81	-0.010313
1.06408	81.7458	95.5681	869.769	1663.18	31.8688	6.17158	192.601	-0.011583
1.06508	81.8826	96.1161	871.254	1663.71	31.5079	6.17082	192.947	-0.011583
1.06608	82.1561	95.5681	872.396	1658.52	30.8109	6.16889	192.799	-0.011583
1.06708	82.1561	95.9791	871.139	1662.07	30.4158	6.17219	192.601	-0.010313
1.06808	82.1561	96.1161	871.139	1663.98	30.5338	6.17344	191.812	-0.010825
1.06908	82.0193	95.8421	871.839	1658.88	30.9373	6.17094	190.627	-0.011583
1.07008	82.0193	95.9791	870.911	1660.7	31.834	6.17062	189.988	-0.013125
1.07108	82.1561	95.9791	872.053	1659.47	32.0664	6.16989	191.318	-0.010938
1.07208	81.8826	95.8421	872.053	1660.16	32.1357	6.15188	192.207	-0.010938
1.07308	81.8826	95.5681	869.083	1659.75	33.0895	6.12812	192.404	-0.01125
1.07408	82.1561	95.5681	868.512	1657.15	32.5473	6.10687	192.207	-0.012188
1.07508	81.8826	95.8421	866.913	1657.29	32.4984	6.08989	191.814	-0.011583
1.07608	81.4724	95.2942	864.743	1655.79	32.4495	6.14969	190.627	-0.011583
1.07708	82.1561	95.8421	864.829	1662.61	30.4787	6.16219	189.443	-0.010313
1.07808	82.1561	95.8421	865.086	1660.7	30.1099	6.15825	188.358	-0.011583
1.07908	82.4295	95.7051	864.743	1655.79	31.137	6.17469	188.358	-0.013125
1.08008	82.1561	96.664	862.459	1652.51	30.7457	6.18908	188.493	-0.011583
1.08108	82.9785	95.5681	861.431	1649.23	30.5664	6.18344	190.331	-0.01375
1.08208	82.1561	95.9791	861.202	1649.23	31.0555	6.18469	191.417	-0.013438
1.08308	81.8826	95.8421	861.545	1647.59	31.5202	6.18687	192.601	-0.011583
1.08408	81.7458	95.9791	861.317	1645.95	31.3001	6.18656	191.782	-0.011583
1.08508	82.1561	96.1161	861.088	1649.23	30.9495	6.19408	191.713	-0.012813
1.08608	82.1561	95.9791	862.23	1648.41	30.7457	6.19158	190.924	-0.0125
1.08708	82.1561	95.8421	862.002	1646.5	30.4196	6.19219	190.331	-0.010825
1.08808	82.4295	95.5681	862.459	1647.04	29.6859	6.19062	190.529	-0.012813
1.08908	82.0193	95.9791	865.2	1645.82	29.1805	6.19625	191.684	-0.010313
1.09008	81.8826	95.5681	866.571	1648.14	28.2376	6.19837	193.095	-0.010825
1.09108	81.7458	95.9791	865.771	1641.72	30.5827	6.20313	193.687	-0.010938

1.09208	82.0193	95.9791	864.829	1611.4	30.7743	6.20219	193.838	-0.015313
1.09308	82.1561	96.1161	863.373	1626.83	31.1686	6.2025	193.887	-0.012188
1.09408	82.1561	96.1161	865.2	1620.82	31.8014	6.19469	192.108	-0.012813
1.09508	81.8826	96.39	863.373	1628.47	32.0175	6.16906	188.95	-0.010625
1.09608	82.4295	95.7051	860.403	1665.07	31.8789	6.14969	185.594	-0.009888
1.09708	81.3356	95.9791	867.37	1644.31	31.9726	6.13594	182.535	-0.010938
1.09808	82.1561	95.8421	861.774	1633.25	31.5365	6.19406	182.863	-0.010625
1.09908	81.8091	96.1161	855.834	1610.99	30.1099	6.21781	185.869	-0.012813
1.10008	81.8091	95.8421	856.177	1622.87	29.9224	6.20612	188.012	-0.010313
1.10108	81.8826	96.664	858.832	1626.69	30.6927	6.20644	187.42	-0.011563
1.10208	82.703	95.5681	856.862	1641.03	30.9291	6.2075	185.2	-0.012813
1.10308	82.1561	95.8421	852.065	1626.28	31.3327	6.20469	183.522	-0.012188
1.10408	82.1561	96.1161	850.923	1610.17	31.4468	6.20781	184.41	-0.010938
1.10508	81.3356	96.1161	846.583	1621.37	31.4831	6.21094	186.236	-0.010313
1.10608	82.1561	95.9791	848.24	1623.55	31.349	6.20719	187.075	-0.010313
1.10708	82.1561	95.8421	846.697	1624.64	31.2022	6.21156	188.779	-0.011563
1.10808	81.8826	95.9791	843.499	1625.8	30.9251	6.20937	188.285	-0.010938
1.10908	81.3356	95.9791	839.615	1616.88	30.4237	6.20719	188.238	-0.010938
1.11008	82.0193	96.39	835.275	1621.37	29.9346	6.21094	187.42	-0.011563
1.11108	82.1561	95.9791	833.562	1620.27	29.5555	6.21719	189.591	-0.010938
1.11208	82.4295	95.9791	833.219	1625.05	29.6778	6.21969	190.579	-0.0125
1.11308	82.1561	96.1161	831.392	1659.34	30.5623	6.22312	191.22	-0.011563
1.11408	82.0193	95.8421	841.557	1680.92	30.974	6.21969	190.43	-0.014063
1.11508	82.2926	96.527	846.925	1730.09	31.3449	6.22437	190.233	-0.013125
1.11608	81.3356	95.9791	853.778	1754.4	31.5609	6.22219	189.641	-0.010938
1.11708	82.1561	95.8421	854.578	1748.12	31.7892	6.19656	188.969	-0.010625
1.11808	81.8826	95.9791	843.27	1746.89	31.5935	6.17281	189.147	-0.01125
1.11908	82.1561	95.9791	838.473	1736.1	31.3245	6.14594	188.989	-0.010313
1.12008	81.8826	96.1161	838.702	1723.87	30.7294	6.18563	188.989	-0.010938
1.12108	81.8826	95.8421	831.848	1722.98	29.2948	6.22969	188.456	-0.010938
1.12208	81.8826	95.8421	828.422	1721.07	29.4088	6.21469	187.469	-0.010313
1.12308	82.1561	95.9791	825.908	1709.6	30.0691	6.21719	187.469	-0.010313
1.12408	82.703	95.8421	817.685	1696.49	30.4849	6.21688	187.815	-0.010938
1.12508	82.2926	95.9791	816.772	1677.91	30.8596	6.20969	188.456	-0.009375
1.12608	82.2926	95.8421	820.198	1648.88	30.9332	6.21219	189.246	-0.014375
1.12708	81.8826	95.2531	825.568	1623.14	31.0229	6.21312	190.183	-0.011563
1.12808	81.8826	95.9791	830.135	1593.23	31.0068	6.20969	190.43	-0.010938
1.12908	82.1561	96.1161	830.592	1564.96	30.8782	6.21219	190.627	-0.0125
1.13008	81.3356	96.1161	827.737	1538.32	30.5827	6.20969	191.22	-0.012188
1.13108	81.8826	95.9791	824.985	1514.97	30.1751	6.20625	190.973	-0.012813
1.13208	81.8826	95.8421	819.369	1493.8	29.8001	6.21031	190.528	-0.010938
1.13308	81.7458	96.1161	814.031	1472.77	29.1887	6.20969	190.627	-0.012188
1.13408	82.8398	96.1161	808.548	1452.82	29.3925	6.21094	190.43	-0.011563
1.13508	82.0193	96.1161	802.152	1432.34	30.0161	6.21094	190.381	-0.0125
1.13608	82.703	95.8421	797.012	1413.9	30.4278	6.20781	190.035	-0.011563
1.13708	81.8826	95.8421	793.243	1398.06	30.7213	6.20969	190.233	-0.011563
1.13808	81.8826	96.1161	791.415	1383.71	30.8435	6.21375	190.825	-0.012188
1.13908	81.8826	95.9791	789.359	1370.06	30.8639	6.20937	190.381	-0.00975
1.14008	82.0193	95.9791	788.331	1358.31	30.7783	6.18719	190.282	-0.010938
1.14108	82.0193	95.9791	788.217	1349.16	30.4971	6.15969	190.331	-0.010938
1.14208	82.4295	96.2531	787.532	1341.65	30.1262	6.13656	190.183	-0.011563
1.14308	81.8826	96.1161	786.103	1335.09	29.4577	6.16531	190.361	-0.011875

1.14408	82.2928	95.8421	788.103	1329.49	28.4794	6.21582	180.827	-0.010938
1.14508	82.1561	95.9791	789.359	1326.35	28.4305	6.19937	191.417	-0.011563
1.14608	81.8826	96.1161	791.644	1322.93	28.3849	6.20594	191.91	-0.011875
1.14708	81.8826	96.527	795.641	1320.81	29.2946	6.20219	192.601	-0.005625
1.14808	82.703	95.1572	797.583	1319.52	29.5392	6.19958	192.503	-0.012188
1.14908	82.0193	96.1161	800.324	1320.81	29.7349	6.19719	192.848	-0.01125
1.15008	82.2928	95.2942	803.066	1320.34	29.7552	6.19719	192.897	-0.013438
1.15108	82.2928	95.8421	805.35	1320.48	29.7349	6.19344	193.095	-0.010938
1.15208	81.3358	96.1161	806.264	1320.75	29.6289	6.19344	192.847	-0.011875
1.15308	82.0193	96.1161	807.292	1321.18	29.3069	6.19375	192.996	-0.012813
1.15408	81.8826	95.8421	808.091	1320.89	29.099	6.19084	192.7	-0.010313
1.15508	82.1561	96.684	809.576	1322.8	28.5448	6.19489	192.799	-0.01
1.15608	81.8826	95.9791	810.376	1324.18	28.3327	6.19719	192.799	-0.010825
1.15708	82.0193	96.1161	811.289	1323.07	29.1071	6.19469	192.7	-0.010825
1.15808	82.0193	95.8421	813.117	1323.07	29.5555	6.19344	192.404	-0.010313
1.15908	81.8826	95.8421	812.66	1323.34	29.9142	6.19438	192.207	-0.013125
1.16008	81.8826	95.8421	814.031	1325.28	30.171	6.19489	192.503	-0.012813
1.16108	81.8826	95.5681	814.602	1320.34	30.3544	6.19644	191.713	-0.011563
1.16208	82.0193	95.8421	814.259	1321.43	30.3828	6.19689	191.121	-0.010938
1.16308	81.7459	95.9791	815.63	1323.34	30.0772	6.18875	190.331	-0.011563
1.16408	82.0193	95.5681	817.457	1321.98	30.1588	6.18344	187.716	-0.010938
1.16508	81.8826	95.8421	818.599	1325.8	29.8493	6.18844	185.101	-0.011563
1.16608	81.8826	95.8421	821.112	1333.45	28.887	6.11968	183.522	-0.010938
1.16708	82.1561	95.8421	824.996	1333.32	28.5773	6.15594	183.127	-0.010938
1.16808	81.8826	96.39	825.908	1318.7	27.7539	6.19969	184.706	-0.012188
1.16908	82.0193	95.8421	825.908	1331.81	27.8517	6.18594	185.397	-0.007188
1.17008	82.1561	95.5681	833.904	1321.71	28.5202	6.18689	184.015	-0.012813
1.17108	82.1561	95.9791	837.102	1336.91	28.5039	6.18719	181.745	-0.010313
1.17208	82.1561	95.9791	839.273	1339.73	29.0745	6.18594	180.482	-0.011583
1.17308	81.8826	95.8421	844.184	1332.09	29.1724	6.18594	180.907	-0.010313
1.17408	82.2928	96.39	846.24	1332.63	29.0012	6.18313	182.239	-0.009083
1.17508	82.1561	96.1161	849.21	1335.5	28.8055	6.17844	183.522	-0.011875
1.17608	82.0193	95.9791	853.321	1335.77	28.4488	6.17844	184.807	-0.0125
1.17708	82.0193	95.9791	856.976	1341.1	28.6221	6.17594	185.101	-0.010938
1.17808	81.8826	95.8421	859.718	1343.01	27.6112	6.17844	185.002	-0.011563
1.17908	81.8826	95.7051	860.289	1341.85	28.1452	6.17719	185.893	-0.011875
1.18008	82.1561	96.1161	861.202	1341.37	28.7861	6.18489	188.238	-0.010313
1.18108	81.8826	95.9791	862.459	1361.72	28.7321	6.18781	186.137	-0.012813
1.18208	81.8826	95.5681	869.428	1461.29	28.6658	6.18969	188.68	-0.010825
1.18308	82.2928	96.1161	885.988	1528.08	29.8897	6.18489	185.893	-0.011875
1.18408	81.8826	95.9791	891.699	1638.71	29.9284	6.18719	184.262	-0.01375
1.18508	82.1561	96.1161	902.664	1694.85	29.7756	6.18781	182.535	-0.010938
1.18608	82.1561	96.1161	908.831	1712.8	29.8941	6.18594	181.844	-0.012813
1.18708	82.2928	96.39	897.067	1719.16	29.9713	6.18281	181.351	-0.010313
1.18808	81.8826	95.8421	892.612	1718.29	29.0379	6.16125	181.698	-0.010313
1.18908	82.2928	96.1161	897.866	1704.41	29.1479	6.13156	182.438	-0.009688
1.19008	81.3356	96.1161	898.61	1706.37	28.4957	6.10969	182.338	-0.012188
1.19108	82.0193	96.527	895.354	1705.5	27.8928	6.11158	182.338	-0.008563
1.19208	82.1561	96.1161	891.47	1698.83	27.2729	6.16158	181.943	-0.01375
1.19308	82.0193	95.5681	896.102	1703.18	27.8232	6.16812	182.288	-0.012813
1.19408	81.8826	96.1161	883.132	1698.81	28.6751	6.16937	182.486	-0.010313
1.19508	82.1561	96.1161	884.388	1693.89	28.0881	6.16625	182.338	-0.011875

1.19609	82.703	96.39	891.699	1694.3	28.5528	6.16656	181.943	-0.010313
1.19709	82.1561	96.1161	900.379	1706.87	28.6873	6.15781	181.449	-0.010938
1.19809	82.1561	96.1161	905.178	1688.84	28.0963	6.15469	180.956	-0.011875
1.19909	82.0193	95.9791	904.481	1693.48	28.3327	6.15344	180.759	-0.011875
1.20009	81.8826	96.1161	909.973	1683.92	27.9622	6.15281	180.561	-0.010313
1.20109	82.1561	96.1161	912.943	1684.47	27.4197	6.14719	180.265	-0.011563
1.20209	81.8826	96.1161	917.055	1690.07	27.5419	6.14937	180.196	-0.010938
1.20309	82.703	96.527	919.111	1682.28	27.7539	6.14687	180.314	-0.012813
1.20409	82.4295	96.1161	920.938	1684.19	28.1044	6.15219	181.104	-0.010938
1.20509	82.0193	96.1161	922.423	1682.28	29.099	6.15594	181.153	-0.012813
1.20609	82.703	95.7051	920.938	1672.72	29.4169	6.12219	181.745	-0.008438
1.20709	82.1561	96.1161	918.197	1673.81	29.3273	6.07937	181.843	-0.010313
1.20809	82.1561	95.5881	919.111	1676.55	30.0609	6.05344	182.338	-0.010938
1.20909	82.2928	96.1161	920.139	1683.1	29.9794	6.03094	182.634	-0.009888
1.21009	81.8826	95.8421	917.263	1690.2	29.7919	6.01219	183.028	-0.009888
1.21109	81.8826	95.5881	916.141	1677.5	29.7022	5.99908	183.275	-0.010313
1.21209	81.3356	96.1161	913.628	1672.04	29.902	5.98219	183.789	-0.010313
1.21309	81.8826	95.5881	914.314	1673.27	29.0134	5.94719	183.789	-0.01
1.21409	81.8826	96.664	915.684	1668.9	27.4115	5.91469	184.213	-0.011563
1.21509	82.0193	96.1161	916.598	1678.19	27.6683	5.88781	183.917	-0.010313
1.21609	82.1561	96.1161	920.482	1676.88	28.1615	5.91408	184.015	-0.010938
1.21709	81.7458	96.2531	922.309	1673.81	27.9658	5.9675	184.213	-0.01125
1.21809	82.1561	96.4312	923.223	1673.54	28.6588	5.96219	184.509	-0.01375
1.21909	82.0193	96.2531	924.593	1671.63	28.8544	5.94344	184.607	-0.011563
1.22009	81.8826	95.7051	928.248	1674.36	28.2145	5.93906	184.213	-0.011563
1.22109	82.1561	96.8421	929.162	1676.88	28.8099	5.92989	183.917	-0.010313
1.22209	81.8826	96.8421	930.076	1678	28.7566	5.93219	183.821	-0.010313
1.22309	81.3356	96.1161	928.934	1673.81	27.5501	5.93313	183.228	-0.01125
1.22409	82.1561	96.2842	928.421	1674.77	27.4604	5.92438	183.275	-0.00875
1.22509	82.1561	95.8421	925.279	1672.72	27.8273	5.91781	183.473	-0.010313
1.22609	82.0193	96.1161	923.68	1673.13	26.6866	5.91781	183.228	-0.012813
1.22709	82.0193	96.39	923.908	1672.45	27.1689	5.90989	183.176	-0.012813
1.22809	82.4295	95.8421	925.383	1672.72	28.1674	5.90989	183.621	-0.010625
1.22909	82.0193	96.1161	926.192	1671.63	28.3001	5.91313	184.311	-0.012813
1.23009	81.7458	95.9791	925.964	1672.45	28.3938	5.90906	185.298	-0.012813
1.23109	82.1561	95.9791	924.136	1673.54	29.0256	5.89906	185.594	-0.012188
1.23209	82.1561	95.8421	924.136	1672.58	29.4577	5.89844	185.89	-0.010938
1.23309	81.8826	95.8421	925.393	1672.18	28.8137	5.89969	186.186	-0.012813
1.23409	81.7458	96.1161	927.106	1671.49	29.9925	5.89969	186.68	-0.011875
1.23509	81.8826	95.9791	928.02	1671.49	29.1031	5.89159	186.828	-0.011875
1.23609	81.8826	96.1161	929.733	1666.76	28.3001	5.89719	186.677	-0.010313
1.23709	82.0193	95.8421	927.791	1667.26	27.436	5.88219	186.581	-0.010313
1.23809	81.8826	95.8421	927.563	1666.71	27.2159	5.86344	185.89	-0.01125
1.23909	81.8826	96.1161	927.22	1666.17	26.9305	5.84408	185.052	-0.010313
1.24009	82.0193	95.8421	926.649	1669.85	27.6683	5.81938	184.262	-0.012188
1.24109	81.8826	96.2531	926.421	1666.71	27.7783	5.85969	183.423	-0.012188
1.24209	82.4295	95.5881	925.05	1666.58	27.8599	5.89187	182.979	-0.011875
1.24309	81.8826	95.9791	923.68	1667.67	27.921	5.87969	183.127	-0.010825
1.24409	82.1561	96.1161	921.852	1666.99	27.9903	5.88582	183.917	-0.012813
1.24509	81.8826	96.1161	920.71	1668.21	27.7172	5.87719	185.594	-0.010825
1.24609	81.8826	95.9791	920.025	1667.26	27.4645	5.87656	186.68	-0.010313
1.24709	82.1561	95.8421	918.882	1666.17	27.3544	5.87437	187.864	-0.012188

1.24909	82.1581	95.8421	918.197	1666.71	26.9468	5.87469	188.456	-0.012188
1.24909	81.8091	95.5681	918.997	1666.58	26.3599	5.87687	188.95	-0.011563
1.25009	82.1581	95.9791	919.111	1666.44	26.048	5.87437	188.565	-0.012813
1.25109	82.1581	96.1161	920.482	1660.84	25.8463	5.88219	188.456	-0.012188
1.25209	82.1581	96.1161	923.68	1720.8	26.2947	5.87219	187.272	-0.012188
1.25309	82.2928	96.1161	930.076	1763.96	27.0366	5.87812	188.088	-0.010938
1.25409	82.0193	96.1161	933.959	1807.53	27.4278	5.87594	184.857	-0.011563
1.25509	81.8826	96.1161	934.967	1810.87	27.8436	5.87562	183.719	-0.011563
1.25609	81.8826	95.8421	931.104	1807.86	28.0188	5.87969	183.917	-0.010313
1.25709	82.1581	96.1161	930.076	1794.28	28.2145	5.87594	184.41	-0.010938
1.25809	82.0193	95.8421	929.982	1763.14	28.1941	5.87408	185.446	-0.010938
1.25909	82.4295	96.39	927.563	1778.16	28.1044	5.87156	186.483	-0.012813
1.26009	82.1581	96.1161	928.934	1769.83	27.868	5.87281	187.124	-0.011563
1.26109	81.8826	95.8421	926.421	1780.36	27.2525	5.86844	186.927	-0.010625
1.26209	82.703	96.39	920.938	1774.34	26.3354	5.86344	187.272	-0.011563
1.26309	82.4295	96.527	917.169	1759.04	26.5311	5.83531	186.877	-0.01125
1.26409	82.1581	96.1161	914.428	1761.77	27.1099	5.81687	185.989	-0.011563
1.26509	82.1581	96.664	915.227	1755.76	27.2566	5.79844	185.002	-0.011563
1.26609	82.0193	95.8421	914.856	1758.77	27.4156	5.84406	184.311	-0.010313
1.26709	82.0193	96.1161	913.286	1756.17	27.5093	5.87531	184.459	-0.011875
1.26809	82.1581	96.2531	913.628	1754.12	27.5664	5.88469	185.693	-0.009375
1.26909	81.8826	95.9791	913.057	1748.12	27.5134	5.88594	186.877	-0.010625
1.27009	82.4295	96.664	912.486	1745.38	27.5175	5.88406	187.371	-0.010313
1.27109	82.1581	96.39	913.857	1741.29	27.387	5.88437	187.075	-0.012188
1.27209	82.0193	96.1161	914.428	1741.58	27.0773	5.86594	188.581	-0.009063
1.27309	81.6091	96.2531	914.428	1740.33	26.7675	5.86969	188.265	-0.010313
1.27409	82.5663	96.1161	909.973	1737.19	26.4251	5.86219	185.2	-0.010913
1.27509	81.7458	95.5681	905.405	1741.56	26.1602	5.86344	184.015	-0.011563
1.27609	81.8826	96.1161	903.12	1735.82	25.993	5.85844	183.028	-0.010938
1.27709	81.8826	95.9791	898.095	1730.5	26.6044	5.88219	183.423	-0.011563
1.27809	81.8826	95.5681	895.354	1721.75	27.0202	5.85969	184.311	-0.012188
1.27909	81.7458	95.8421	894.887	1714.79	27.5175	5.85969	185.545	-0.011563
1.28009	82.5663	96.39	893.526	1709.87	27.6968	5.85406	185.89	-0.012813
1.28109	82.4295	96.664	891.47	1704.96	27.8069	5.85906	186.433	-0.014063
1.28209	82.1581	96.1161	888.272	1694.85	28.0514	5.85562	186.631	-0.010938
1.28309	82.1581	96.39	886.901	1688.02	28.0718	5.85812	186.186	-0.011563
1.28409	81.8826	96.5681	885.874	1680.2	27.6072	5.85969	185.644	-0.012813
1.28509	82.0193	95.9791	886.559	1682.56	27.436	5.86938	184.904	-0.011563
1.28609	81.8826	95.5681	884.846	1676.27	26.6574	5.85887	184.509	-0.010938
1.28709	82.2928	96.2531	883.932	1689.44	25.6588	5.85531	185.002	-0.010313
1.28809	82.1581	95.9791	883.247	1681.25	26.2621	5.82656	185.989	-0.010313
1.28909	82.703	96.39	881.076	1658.11	26.6452	5.80437	187.272	-0.01125
1.29009	82.1581	95.7051	879.249	1650.6	26.9631	5.78469	188.407	-0.008438
1.29109	82.0193	95.8421	876.736	1641.72	27.1914	5.81344	187.469	-0.011875
1.29209	81.8826	95.8421	875.251	1637.21	27.3218	5.86219	187.766	-0.012813
1.29309	82.4295	96.39	874.338	1630.65	27.4482	5.84937	187.272	-0.011563
1.29409	82.1581	95.8421	870.588	1623.28	27.4523	5.85156	186.285	-0.011563
1.29509	82.0193	96.1161	867.258	1624.92	27.387	5.85156	185.397	-0.010938
1.29609	81.8826	95.1572	864.058	1616.72	27.3055	5.85069	185.002	-0.011563
1.29709	81.8826	96.1161	861.317	1609.62	27.1099	5.85094	185.101	-0.011563
1.29809	81.6091	96.664	858.119	1600.61	26.7512	5.84344	186.335	-0.012813
1.29909	82.1581	95.9791	855.834	1590.5	26.4414	5.84125	187.687	-0.0125

1.30009	81.3358	95.8421	854.235	1585.86	25.9278	5.83719	188.21	-0.011876
1.30109	81.8828	96.1161	851.38	1575.89	25.9523	5.83719	188.259	-0.012813
1.30209	81.8828	95.5681	848.638	1585.37	26.4251	5.83594	187.667	-0.012188
1.30309	82.1581	95.9791	846.488	1559.63	26.8898	5.84531	188.012	-0.01125
1.30409	81.8828	95.5681	845.555	1555.12	27.2199	5.84219	187.617	-0.012813
1.30509	81.8828	95.9791	842.928	1545.97	27.3463	5.84531	186.88	-0.011583
1.30609	81.4724	96.527	840.988	1539.83	27.5338	5.84781	186.285	-0.010625
1.30709	82.1581	95.9791	840.988	1531.77	27.493	5.84887	186.483	-0.010938
1.30809	82.0193	95.9791	840.529	1520.3	27.2882	5.84531	186.335	-0.012188
1.30909	82.1581	95.8421	840.988	1516.2	27.1588	5.84489	185.101	-0.01125
1.31009	81.8828	95.5681	840.529	1507.46	26.8979	5.84719	184.311	-0.010625
1.31109	82.0193	96.1161	840.988	1499.99	26.474	5.84219	183.028	-0.01125
1.31209	82.1581	96.39	839.729	1491.89	25.6343	5.84489	182.634	-0.012813
1.31309	82.2928	95.9791	839.501	1483.01	25.1841	5.83594	181.548	-0.013438
1.31409	81.8828	96.1161	837.331	1482.87	25.4958	5.81344	182.486	-0.012813
1.31509	81.8828	96.684	837.331	1476.76	25.9482	5.79187	184.509	-0.011583
1.31609	81.7458	96.39	836.874	1473.04	26.0786	5.77489	186.137	-0.011583
1.31709	81.8828	96.1161	835.98	1468.39	26.3069	5.81375	186.456	-0.012813
1.31809	82.1581	95.8421	835.047	1459.65	26.5352	5.85489	189.641	-0.014063
1.31909	82.0193	95.7051	835.732	1462.93	26.4168	5.84344	191.121	-0.011583
1.3201	82.1581	96.39	837.559	1544.88	26.4699	5.84887	192.256	-0.0125
1.3211	82.1581	96.1161	855.149	1588.31	26.6371	5.84344	192.652	-0.011583
1.3221	82.2928	96.2531	858.575	1650.6	26.364	5.84719	192.009	-0.012188
1.3231	81.8828	96.1161	861.545	1719.16	25.9441	5.84281	190.035	-0.01125
1.3241	81.8828	95.5681	868.729	1737.73	25.9808	5.84489	187.469	-0.010938
1.3251	82.1581	96.2531	895.354	1741.58	25.292	5.84188	187.124	-0.011583
1.3261	81.8828	95.5681	896.287	1736.92	25.0637	5.83989	187.786	-0.011875
1.3271	82.2928	96.1161	903.006	1711.51	25.8055	5.83687	189.147	-0.012813
1.3281	82.0193	95.8421	903.92	1690.75	26.1561	5.84094	190.627	-0.01125
1.3291	82.2928	95.8421	895.81	1672.99	26.5678	5.83406	191.585	-0.011583
1.3301	82.4295	96.1161	891.013	1637.76	26.7267	5.83489	192.601	-0.01125
1.3311	82.0193	95.8421	883.703	1619.59	26.798	5.83856	193.193	-0.010938
1.3321	82.4295	96.39	877.536	1597.87	26.9631	5.83719	193.292	-0.010938
1.3331	82.1581	95.9791	867.258	1577.11	26.7104	5.83781	192.947	-0.011875
1.3341	82.0193	96.1161	862.459	1561.82	26.6452	5.83969	192.7	-0.01125
1.3351	82.1581	96.1161	864.286	1534.5	26.7267	5.83875	192.009	-0.014063
1.3361	81.8828	95.8421	862.459	1520.02	26.0501	5.83844	192.799	-0.013438
1.3371	81.8828	95.8421	863.373	1503.38	25.6833	5.84219	194.674	-0.011583
1.3381	82.4295	96.527	867.713	1490.25	25.292	5.84219	195.069	-0.010625
1.3391	82.0193	96.2531	869.54	1483.15	24.3382	5.83489	195.582	-0.010313
1.3401	81.3358	96.1161	873.852	1477.14	24.6765	5.80489	196.266	-0.01125
1.3411	81.8828	95.9791	878.85	1473.88	24.811	5.78594	195.118	-0.011583
1.3421	81.8828	95.8421	881.533	1472.36	24.917	5.78719	194.624	-0.010625
1.3431	82.1581	96.39	887.587	1472.77	25.0352	5.82344	193.934	-0.010938
1.3441	82.1581	96.1161	892.384	1474.13	25.3123	5.84656	192.996	-0.012188
1.3451	82.2928	96.1161	897.752	1474.68	25.5487	5.83938	193.193	-0.012813
1.3461	82.1581	96.39	904.034	1476.59	25.2188	5.83908	194.378	-0.009375
1.3471	82.0193	95.8421	908.831	1479.05	25.561	5.83812	196.055	-0.011583
1.3481	82.1581	95.5681	913.4	1481.23	25.3653	5.83406	197.585	-0.011583
1.3491	82.1581	95.5681	917.969	1483.01	24.9251	5.83781	197.289	-0.011583
1.3501	81.8828	95.9791	920.139	1483.69	24.705	5.83469	197.289	-0.010313
1.3511	81.8828	95.8421	922.308	1485.6	24.5338	5.83469	196.549	-0.010938

1.3521	82.1581	95.5881	922.766	1486.33	24.589	5.83219	195.759	-0.012813
1.3531	82.4295	96.1161	923.585	1488.06	25.0841	5.83344	194.92	-0.010625
1.3541	82.0193	95.9791	925.279	1490.25	25.1982	5.83281	194.476	-0.012188
1.3551	81.3358	96.1161	926.783	1490.25	25.7892	5.83562	195.266	-0.011563
1.3561	82.2928	96.1161	926.849	1490.25	25.9197	5.83489	196.848	-0.010625
1.3571	82.2928	95.8421	928.02	1490.11	25.9523	5.83125	197.832	-0.009688
1.3581	82.2928	95.8421	928.02	1489.7	26.4414	5.83158	198.523	-0.012188
1.3591	81.7458	95.4312	929.162	1490.25	26.258	5.83344	199.48	-0.010313
1.3601	82.4295	96.8421	930.418	1490.93	26.2702	5.83594	198.72	-0.011563
1.3611	82.1661	96.1161	931.446	1490.25	26.0788	5.83656	198.473	-0.010938
1.3621	82.2928	95.9791	931.903	1492.43	25.9645	5.83906	197.931	-0.01125
1.3631	82.1661	96.2531	934.759	1492.88	25.7036	5.83761	196.944	-0.010313
1.3641	81.7458	96.39	936.358	1492.88	25.3327	5.83156	197.739	-0.011563
1.3651	82.0193	95.9791	938.298	1494.62	24.9414	5.80937	196.819	-0.011875
1.3661	81.8828	96.1161	942.988	1495.57	23.9835	5.78844	200.694	-0.010313
1.3671	82.4295	96.1161	945.381	1496.28	24.2974	5.77062	201.878	-0.012813
1.3681	82.4295	96.1161	948.822	1477.96	24.7213	5.77094	202.372	-0.009063
1.3691	82.1581	96.8421	944.239	1479.73	24.6988	5.8425	202.125	-0.012188
1.3701	82.0193	96.801	948.893	1491.76	25.06	5.83687	200.891	-0.011875
1.3711	82.1581	96.1161	957.488	1483.97	25.1045	5.83812	197.289	-0.010313
1.3721	82.1581	95.9791	954.404	1503.36	24.974	5.83989	193.193	-0.010313
1.3731	82.1581	96.1161	959.858	1493.25	25.3001	5.84158	189.937	-0.011563
1.3741	81.8828	95.8421	962.828	1494.07	24.974	5.84406	188.062	-0.011875
1.3751	81.7458	95.5881	961.828	1499.26	24.921	5.84219	187.489	-0.011563
1.3761	81.7458	95.9791	965.483	1493.25	24.8438	5.83812	188.68	-0.013125
1.3771	81.8091	96.1161	966.625	1493.53	24.2485	5.83531	186.101	-0.011563
1.3781	82.1581	95.8421	967.882	1491.34	23.9958	5.83406	182.536	-0.012188
1.3791	81.8828	95.8421	969.367	1491.34	24.4767	5.83375	180.218	-0.010313
1.3801	81.8828	95.8421	967.768	1509.37	24.6153	5.83156	178.587	-0.013125
1.3811	82.1581	95.9791	972.108	1506.69	25.1493	5.83489	178.587	-0.012813
1.3821	82.1581	95.4312	972.907	1503.36	25.6914	5.83219	180.66	-0.010625
1.3831	82.2928	95.8421	968.796	1487.52	26.0378	5.83156	186.088	-0.010313
1.3841	81.7458	96.1161	970.966	1503.91	25.8463	5.83094	192.157	-0.010938
1.3851	82.1581	95.5881	976.106	1501.17	26.4862	5.82906	196.154	-0.012188
1.3861	81.8091	96.664	973.593	1517.56	26.5148	5.82656	197.98	-0.010938
1.3871	81.8828	95.8421	972.108	1511.28	25.9849	5.83719	199.808	-0.012188
1.3881	81.7458	95.5881	973.821	1507.46	26.5068	5.83969	200.891	-0.011875
1.3891	82.0193	96.39	973.022	1577.96	26.1072	5.83906	200.891	-0.012188
1.3901	81.8828	96.1161	984.788	1658.52	25.6262	5.83594	199.904	-0.008438
1.3911	82.0193	95.5881	993.581	1758.5	25.8508	5.81219	197.24	-0.01375
1.3921	82.0193	96.1161	999.52	1836.53	23.8818	5.78781	195.759	-0.01125
1.3931	81.7458	95.9791	1005.92	1836.07	24.061	5.78806	194.97	-0.012188
1.3941	82.0193	96.2531	987.642	1827.61	24.7539	5.78094	195.957	-0.012813
1.3951	81.8828	95.5881	978.161	1809.3	24.7091	5.84281	198.079	-0.010938
1.3961	81.8091	95.5881	980.217	1784.99	24.868	5.82969	199.904	-0.010313
1.3971	81.8828	95.9791	979.989	1787.45	24.974	5.85906	200.694	-0.012813
1.3981	82.1581	95.9791	979.189	1784.99	24.9944	5.86219	200.99	-0.011563
1.3991	81.8828	95.9791	975.078	1788.95	25.2593	5.86094	200.644	-0.011563
1.4001	81.3358	96.1161	970.966	1793.46	24.7661	5.86188	200.299	-0.01125
1.4011	81.3358	95.4312	967.082	1784.72	24.7132	5.85781	199.51	-0.010625
1.4021	81.8091	96.1161	984.798	1785.27	24.8273	5.86125	199.263	-0.013125
1.4031	82.1581	96.664	974.849	1786.38	24.2403	5.86562	200.348	-0.010625

1.4041	81.8826	98.1161	987.413	1788.27	23.798	5.88188	200.894	-0.010313
1.4051	82.2828	98.884	991.297	1789.09	23.7023	5.88719	200.844	-0.011875
1.4061	82.0193	98.1161	992.887	1785.54	23.4333	5.88219	200.003	-0.009063
1.4071	81.8826	98.2531	994.038	1783.63	24.0447	5.88594	198.819	-0.010625
1.4081	82.4295	98.684	993.581	1785.95	24.4804	5.88489	197.832	-0.012188
1.4091	81.8091	98.39	994.038	1788.63	24.5093	5.88719	196.46	-0.012188
1.4101	81.8826	98.1161	995.637	1787.31	25.0352	5.88908	195.157	-0.012813
1.4111	82.4295	95.9791	997.484	1795.1	25.2023	5.88989	194.772	-0.010938
1.4121	81.7458	98.1161	997.893	1789.09	25.3123	5.87406	195.089	-0.011563
1.4131	81.8826	95.8421	991.888	1789.84	25.4305	5.87489	196.351	-0.013125
1.4141	81.8826	98.1161	989.356	1786.77	25.4142	5.87625	198.888	-0.011563
1.4151	82.2828	95.4312	987.984	1784.58	25.4367	5.87687	200.894	-0.012188
1.4161	82.0193	98.8421	987.413	1788.95	25.2758	5.88908	202.569	-0.011875
1.4171	82.703	95.4312	987.527	1788.63	24.8884	5.84531	204.049	-0.012188
1.4181	81.8826	95.8421	986.956	1784.72	23.9835	5.82156	205.234	-0.010313
1.4191	81.8826	98.801	985.357	1784.17	23.8658	5.80531	205.824	-0.010938
1.4201	82.4295	95.7051	984.872	1782.81	23.2702	5.85406	206.023	-0.010313
1.4211	81.8091	95.5681	984.872	1787.86	23.8327	5.88989	206.122	-0.01125
1.4221	81.8826	95.8421	985.357	1788.9	23.9183	5.87781	205.727	-0.012188
1.4231	82.0193	95.9791	988.555	1783.08	24.2159	5.87989	205.431	-0.009063
1.4241	82.1561	98.1161	990.154	1785.27	24.1751	5.87531	204.691	-0.012188
1.4251	81.8826	95.9791	990.611	1785.27	24.3055	5.87719	204.444	-0.012813
1.4261	81.8091	98.1161	991.525	1787.18	24.3545	5.87719	204.74	-0.013438
1.4271	81.7458	95.8421	990.725	1788.54	24.1486	5.87908	205.431	-0.010938
1.4281	81.8826	95.9791	990.383	1785.88	24.0447	5.87719	206.023	-0.014083
1.4291	82.0193	95.9791	989.898	1788.83	23.9795	5.87437	206.319	-0.011563
1.4301	81.8826	95.7051	989.489	1787.31	23.6575	5.87489	206.388	-0.01375
1.4311	82.2828	95.5681	988.096	1787.04	23.2539	5.87531	207.207	-0.011563
1.4321	82.4295	95.5681	986.271	1788.41	22.9727	5.87658	207.651	-0.010313
1.4331	82.0193	98.1161	984.872	1788.49	22.7037	5.87875	207.947	-0.01125
1.4341	81.8826	95.5681	983.758	1788.83	22.4102	5.87989	207.355	-0.011875
1.4351	82.0193	98.1161	982.73	1785.88	22.4713	5.87908	208.882	-0.012188
1.4361	82.1561	98.39	983.987	1785.13	23.3028	5.87937	208.418	-0.012188
1.4371	82.1561	95.8421	984.443	1784.99	23.5882	5.88188	205.828	-0.012188
1.4381	81.8826	98.1161	985.129	1787.31	23.9795	5.88344	204.74	-0.011563
1.4391	82.0193	98.1161	986.271	1790.18	24.1486	5.88875	204.298	-0.011563
1.4401	82.0193	98.1161	987.527	1787.45	24.3871	5.8875	204.345	-0.010313
1.4411	81.8091	98.1161	988.728	1786.63	24.5909	5.88887	204.543	-0.010313
1.4421	82.1561	98.1161	987.527	1785.27	24.5823	5.88889	205.135	-0.013438
1.4431	81.8826	98.1161	989.012	1785.27	24.5788	5.85562	205.828	-0.009688
1.4441	81.8826	95.9791	988.327	1745.93	24.5134	5.83594	206.22	-0.011875
1.4451	81.8826	98.527	982.616	1715.88	24.2974	5.82562	205.727	-0.009688
1.4461	81.8826	98.39	981.931	1725.99	23.6474	5.89156	203.558	-0.01375
1.4471	81.3358	98.1161	989.812	1702.22	22.9888	5.89658	199.164	-0.01125
1.4481	82.1561	95.8421	983.53	1744.43	22.8463	5.88989	194.97	-0.011563
1.4491	81.8826	98.1161	988.555	1766.14	23.3884	5.89156	191.812	-0.010825
1.4501	82.0193	98.39	991.297	1733.84	23.6658	5.89083	190.233	-0.012813
1.4511	82.1561	98.39	976.562	1726.81	23.8778	5.88489	192.799	-0.012188
1.4521	81.8826	95.8421	977.248	1701.95	23.9305	5.88858	197.634	-0.010938
1.4531	81.8826	95.8421	985.357	1719.71	23.9183	5.88719	200.891	-0.012188
1.4541	81.8826	95.9791	986.271	1738.1	23.8939	5.88344	202.223	-0.011563
1.4551	81.8091	95.9791	982.844	1737.73	23.8979	5.88219	203.161	-0.01125

1.4561	81.8826	96.1161	979.418	1721.89	23.8327	5.89094	204.296	-0.007813
1.4571	82.2928	96.1161	975.991	1720.8	23.7634	5.89094	206.418	-0.0125
1.4581	81.7458	96.39	975.308	1742.93	23.8534	5.89281	207.207	-0.011563
1.45911	81.8826	95.8421	978.39	1790.87	23.2784	5.89408	207.109	-0.013438
1.46011	81.8826	96.1161	987.527	1798.1	22.8871	5.89437	205.924	-0.011563
1.46111	82.0193	96.1161	979.189	1814.83	22.6181	5.89719	204.937	-0.011563
1.46211	82.1561	95.2942	971.88	1795.51	22.4754	5.89719	204.493	-0.012188
1.46311	81.8826	95.9791	967.082	1778.57	22.3246	5.89656	204.247	-0.010313
1.46411	82.1561	96.527	962.057	1783.9	22.6425	5.89594	204.543	-0.012813
1.46511	82.1561	96.39	963.427	1786.22	23.1479	5.8975	204.74	-0.010313
1.46611	81.8826	95.9791	964.227	1785.27	23.3395	5.89594	204.888	-0.011563
1.46711	81.8826	95.8421	958.859	1793.46	23.8001	5.89556	205.184	-0.010313
1.46811	81.8091	96.39	958.117	1784.45	23.9489	5.88531	205.875	-0.01376
1.46911	81.7458	96.1161	952.008	1784.17	23.8898	5.84989	206.418	-0.011563
1.47011	81.7458	95.8421	948.351	1788	24.167	5.82813	207.602	-0.010313
1.47111	82.0193	95.5881	948.808	1785.27	24.171	5.83219	207.405	-0.011563
1.47211	81.7458	95.9791	947.894	1785.27	24.0528	5.80469	207.454	-0.010313
1.47311	82.0193	95.5881	948.98	1785.13	24.1751	5.88906	207.207	-0.010313
1.47411	81.8826	96.1161	946.752	1781.99	23.4577	5.89408	206.615	-0.011563
1.47511	81.8826	96.1161	944.239	1783.08	22.5447	5.88344	205.826	-0.011563
1.47611	82.1561	96.564	942.754	1781.99	22.5854	5.89063	204.839	-0.010938
1.47711	81.8826	95.9791	941.726	1780.89	22.6914	5.89094	203.852	-0.010938
1.47811	82.4295	95.5881	941.498	1781.44	22.9034	5.88031	203.556	-0.008438
1.47911	81.7458	95.9791	938.414	1779.53	23.1561	5.88594	203.21	-0.012813
1.48011	82.0193	96.39	937.157	1778.16	23.6045	5.88556	203.26	-0.011563
1.48111	82.0193	96.39	935.558	1777.34	23.7594	5.88562	203.951	-0.010938
1.48211	81.8826	95.7051	932.931	1777.21	23.7186	5.88469	204.049	-0.010938
1.48311	81.8091	96.1161	931.903	1775.98	23.5963	5.88812	204.543	-0.011875
1.48411	80.9255	96.1161	929.847	1775.3	23.5148	5.88812	205.184	-0.010625
1.48511	81.8091	95.9791	928.705	1773.25	23.7349	5.88906	205.48	-0.01126
1.48611	81.8091	95.8421	927.335	1772.43	23.7797	5.88719	205.974	-0.012813
1.48711	82.4295	95.4312	924.936	1771.06	23.474	5.88989	206.961	-0.012188
1.48811	81.8091	95.9791	921.738	1768.33	23.0623	5.88875	207.503	-0.010625
1.48911	81.4724	96.1161	918.654	1768.42	22.8545	5.88937	207.997	-0.010313
1.49011	81.1989	96.1161	918.063	1763.82	22.8018	5.89094	208.441	-0.011563
1.49111	81.8826	96.1161	918.141	1781.77	22.133	5.89219	209.033	-0.012813
1.49211	81.8091	95.8421	914.999	1758.22	22.2105	5.89187	209.378	-0.010625
1.49311	82.0193	96.527	914.542	1753.03	22.6181	5.88656	209.26	-0.011563
1.49411	82.1561	96.527	912.372	1749.21	22.7933	5.86166	209.181	-0.011563
1.49511	81.4724	95.8421	910.318	1746.34	23.0175	5.83906	208.984	-0.011875
1.49611	81.8826	96.1161	908.032	1741.29	23.3762	5.81989	209.033	-0.011875
1.49711	81.7458	96.1161	905.882	1735	23.3844	5.84989	209.132	-0.010938
1.49811	81.7458	96.1161	803.12	1730.09	23.4007	5.90906	209.132	-0.010938
1.49911	81.8826	96.1161	901.636	1722.85	23.5837	5.89313	209.26	-0.012813
1.50011	81.7458	96.1161	899.237	1715.06	23.474	5.89781	209.426	-0.009688
1.50111	81.3356	95.8421	898.039	1707.41	23.1806	5.89281	208.885	-0.01375
1.50211	81.7458	96.1161	895.354	1700.99	23.1113	5.89408	209.181	-0.011875
1.50311	81.4724	96.1161	894.211	1693.21	22.7648	5.89344	209.378	-0.012188
1.50411	82.4295	95.9791	893.526	1685.7	22.6099	5.89489	209.378	-0.011563
1.50511	81.0622	96.1161	892.612	1678.19	22.0678	5.89781	208.786	-0.010313
1.50611	81.8091	96.1161	892.612	1670.4	21.5909	5.89408	208.885	-0.010313
1.50711	81.3356	96.1161	891.356	1661.8	21.6316	5.89689	208.984	-0.010313

1.50811	81.0822	95.8421	891.699	1654.42	21.974	5.88781	208.898	-0.011583
1.50911	81.6091	95.7051	891.013	1646.77	22.1045	5.89094	208.589	-0.011875
1.51011	81.7458	96.1161	890.214	1638.85	22.4081	5.89158	208.49	-0.014688
1.51111	81.8826	96.1161	889.871	1630.65	22.4509	5.89158	208.392	-0.011875
1.51211	81.6091	95.8421	890.214	1622.32	22.4469	5.89437	208.293	-0.011563
1.51311	81.8826	95.8421	889.414	1617	22.5773	5.89562	208.441	-0.013125
1.51411	81.3356	95.9791	889.414	1610.17	22.5447	5.89469	209.082	-0.011875
1.51511	82.1561	96.864	889.186	1618.91	22.561	5.89187	207.355	-0.012813
1.51611	81.8826	95.9791	890.899	1596.78	22.4609	5.88969	205.431	-0.011875
1.51711	82.0193	96.864	886.759	1595.42	22.3205	5.88937	203.26	-0.012813
1.51811	81.7458	96.1161	887.587	1581.76	22.1289	5.88844	202.421	-0.010313
1.51911	82.4295	95.5681	887.587	1578.48	21.9577	5.87969	201.533	-0.011563
1.52011	81.4724	95.9791	886.559	1581.76	21.599	5.85531	202.818	-0.011875
1.52111	81.6091	95.9791	885.966	1571.38	21.3178	5.82969	204.967	-0.010825
1.52211	81.8826	96.2531	885.186	1566.6	21.6194	5.81469	206.813	-0.009688
1.52311	82.1561	96.1161	883.247	1559.9	21.9088	5.84969	207.01	-0.012813
1.52411	81.7458	96.1161	883.703	1553.35	22.168	5.87469	207.799	-0.011563
1.52511	81.8826	96.1161	883.475	1542.7	22.4102	5.82594	206.934	-0.01125
1.52611	81.6091	95.9791	882.79	1550.07	22.581	5.81219	209.181	-0.012813
1.52711	81.8826	96.1161	888.044	1610.44	22.7566	5.79688	209.527	-0.010313
1.52811	81.8826	96.1161	901.179	1673.54	22.7158	5.77844	209.527	-0.011563
1.52911	81.6091	95.9791	908.603	1712.06	22.7729	5.78719	209.28	-0.012188
1.53011	81.8826	95.4312	905.882	1758.5	22.7159	5.75719	208.441	-0.010938
1.53111	81.7458	96.2531	917.969	1768.8	22.5691	5.74906	207.405	-0.01125
1.53211	81.7458	95.9791	925.279	1792.37	22.4754	5.74219	206.813	-0.011563
1.53311	81.0822	95.5681	927.906	1807.66	22.2268	5.73469	206.418	-0.011563
1.53411	81.8826	95.9791	934.189	1802.2	21.9007	5.73531	206.22	-0.012813
1.53511	81.6091	95.8421	935.558	1788.82	21.6909	5.73531	206.813	-0.012188
1.53611	82.1561	95.8421	932.817	1773.25	21.3137	5.74156	207.701	-0.011563
1.53711	81.6091	96.1161	927.677	1750.57	20.7431	5.73812	207.109	-0.012813
1.53811	81.7458	96.1161	924.593	1741.58	20.8004	5.73781	207.308	-0.012188
1.53911	81.3356	96.1161	926.649	1728.99	20.9958	5.72875	207.355	-0.012813
1.54011	81.8826	95.8421	924.593	1713.7	21.1221	5.72969	207.799	-0.010938
1.54111	81.8826	95.9791	920.938	1699.77	21.273	5.73812	207.799	-0.009375
1.54211	81.7458	95.5681	922.309	1680.82	21.5134	5.74469	207.701	-0.010938
1.54311	81.8826	96.39	922.081	1669.99	21.4727	5.73969	207.207	-0.010313
1.54411	81.7458	96.1161	921.624	1659.06	21.5338	5.73906	206.961	-0.011563
1.54511	81.3356	96.1161	923.337	1646.5	21.5827	5.73469	206.072	-0.014375
1.54611	81.7458	96.527	926.421	1641.03	21.5501	5.72469	206.518	-0.014063
1.54711	81.6091	96.1161	930.304	1635.57	21.4645	5.70094	206.911	-0.011563
1.54811	81.4724	96.1161	931.789	1629.83	21.3463	5.68406	206.815	-0.011875
1.54911	81.7458	96.1161	933.617	1630.93	21.2159	5.70094	206.813	-0.012813
1.55011	81.4724	96.2531	936.472	1626.28	21.0162	5.78406	207.158	-0.012188
1.55111	81.8826	96.1161	938.871	1625.74	20.7512	5.74656	206.096	-0.011563
1.55211	82.2928	96.1161	941.498	1624.92	20.6619	5.75562	206.964	-0.011563
1.55311	81.6091	96.1161	944.924	1623.55	21.0695	5.75375	210.02	-0.012188
1.55411	81.6091	95.8421	948.808	1624.64	21.3687	5.75158	210.958	-0.01125
1.55511	82.0193	96.1161	950.863	1622.6	21.5827	5.75281	211.5	-0.011563
1.55611	81.8826	96.39	952.691	1622.05	21.8355	5.7475	211.55	-0.012188
1.55711	81.6091	95.9791	953.605	1624.64	22.023	5.74656	212.438	-0.011875
1.55811	81.3356	95.5681	956.348	1624.37	22.1128	5.74906	213.079	-0.011563
1.55911	81.6091	95.8421	957.374	1624.24	22.2797	5.75094	212.882	-0.011563

1.56011	81.7458	96.527	958.745	1624.92	22.2594	5.74908	212.734	-0.011875
1.56111	82.1561	96.2531	960.915	1623.42	22.2306	5.74908	212.29	-0.011563
1.56211	82.1561	96.1161	962.285	1625.19	22.2431	5.74969	211.509	-0.011563
1.56311	81.0622	95.9791	963.656	1622.46	22.1045	5.75094	211.352	-0.011563
1.56411	81.4724	96.664	965.483	1627.92	21.9618	5.75469	211.155	-0.012186
1.56511	81.6091	96.39	966.453	1625.33	21.8028	5.74969	211.155	-0.012186
1.56611	81.3356	96.2531	968.91	1630.11	21.705	5.75594	211.599	-0.010836
1.56711	81.3356	95.9791	972.108	1625.19	21.1751	5.75469	212.635	-0.010313
1.56811	81.8826	96.1161	972.108	1626.28	20.7716	5.74844	213.622	-0.012186
1.56911	81.8826	96.527	973.707	1630.65	20.4822	5.75406	214.856	-0.01125
1.57011	81.7458	96.1161	976.677	1633.66	20.4944	5.75406	215.004	-0.012186
1.57111	81.7458	96.1161	979.418	1637.48	20.845	5.75856	215.645	-0.010625
1.57211	82.4265	96.1161	980.56	1633.39	20.9958	5.73594	216.139	-0.010625
1.57311	81.8826	96.1161	981.245	1636.06	21.0488	5.71219	216.186	-0.012186
1.57411	81.3356	96.8421	984.558	1635.3	21.0692	5.70281	215.596	-0.011663
1.57511	81.7458	96.1161	985.357	1633.39	21.0773	5.69094	214.313	-0.010625
1.57611	81.4724	96.1161	985.357	1625.46	21.2974	5.76312	213.425	-0.012186
1.57711	81.7458	96.1161	985.471	1636.12	21.1282	5.76219	213.523	-0.010936
1.57811	81.8826	96.664	990.154	1636.66	20.8001	5.76375	213.671	-0.010313
1.57911	81.8826	96.1161	990.726	1646.91	21.0162	5.76437	215.349	-0.012813
1.58011	82.2928	95.9791	991.068	1645.13	20.9958	5.76594	217.372	-0.010625
1.58111	81.7458	95.2942	991.982	1639.26	20.1031	5.76219	218.951	-0.010936
1.58211	81.7458	96.1161	992.696	1636.12	20.2784	5.76219	220.037	-0.011875
1.58311	81.8826	96.1161	994.952	1633.66	20.4496	5.76406	220.234	-0.012813
1.58411	81.6091	95.9791	995.637	1639.67	19.8993	5.75844	219.64	-0.010313
1.58511	81.8826	95.9791	996.378	1644.69	20.4822	5.76656	219.198	-0.012813
1.58611	81.7458	95.8421	1002.26	1642.81	20.6246	5.76469	218.656	-0.010936
1.58711	81.6091	96.2531	1002.95	1647.59	21.2811	5.76469	218.162	-0.01125
1.58811	81.6091	96.1161	1005.46	1640.9	21.489	5.76813	217.471	-0.009668
1.58911	81.6091	96.1161	1009.34	1641.31	21.0202	5.77084	216.632	-0.010313
1.59011	81.6091	96.1161	1010.49	1645.82	21.6887	5.77156	216.78	-0.012813
1.59111	81.6091	96.664	1013.68	1646.5	22.023	5.77084	218.409	-0.010625
1.59211	81.7458	96.1161	1014.83	1648.14	21.4849	5.76869	218.951	-0.011563
1.59311	81.6091	96.39	1014.14	1647.59	21.8273	5.76719	219.346	-0.0125
1.59411	81.6091	95.8421	1012.77	1646.5	22.1004	5.77531	219.05	-0.011563
1.59511	81.8826	96.1161	1011.97	1648.14	21.646	5.77869	218.666	-0.011563
1.59611	81.7458	95.9791	1013.23	1682.97	21.6765	5.78344	218.261	-0.012813
1.59711	81.1989	95.9791	1018.46	1745.98	21.3667	5.78156	217.718	-0.010936
1.59812	81.3356	96.39	1023.96	1626.1	21.2485	5.78156	216.879	-0.010936
1.59912	81.3356	96.1161	1033.33	1915.84	20.7961	5.76406	216.385	-0.010313
1.60012	81.3356	95.9791	1043.38	1936.05	19.936	5.74344	216.186	-0.009063
1.60112	81.8826	95.8421	1028.07	1946.98	20.0501	5.71969	216.78	-0.013436
1.60212	81.7458	95.9791	1021.22	1938.24	20.0991	5.71156	218.655	-0.013125
1.60312	81.1989	96.1161	1023.85	1915.84	20.2254	5.77844	220.037	-0.010625
1.60412	82.1561	95.5681	1022.36	1912.58	20.5882	5.76187	221.616	-0.012813
1.60512	81.7458	96.1161	1023.28	1906.46	20.47	5.77875	222.603	-0.010625
1.60612	81.7458	96.1161	1020.76	1899.72	20.4333	5.77969	222.751	-0.010313
1.60712	81.7458	96.527	1015.51	1911.47	20.6371	5.77844	222.504	-0.010313
1.60812	81.3356	95.9791	1010.94	1909.83	20.417	5.77875	221.813	-0.011875
1.60912	81.7458	95.9791	1010.26	1902.73	20.2947	5.77594	220.925	-0.013436
1.61012	81.4724	95.4312	1013.57	1903.55	20.5393	5.77469	220.186	-0.010936
1.61112	81.3356	95.5681	1024.19	1903.55	20.4129	5.77187	220.66	-0.008498

1.81212	82.1581	95.8421	1025.88	1904.64	19.8382	5.7725	221.32	-0.012813
1.81312	82.1581	95.7051	1027.39	1907.37	19.8871	5.76969	222.208	-0.011875
1.81412	81.3356	96.39	1028.76	1901.5	19.8181	5.77094	222.208	-0.012813
1.81512	81.3356	96.1161	1029.67	1901.38	19.2594	5.77219	222.159	-0.010938
1.81612	81.6091	96.2531	1030.59	1904.64	19.1045	5.76969	221.715	-0.012188
1.81712	82.1561	96.1161	1031.73	1901.09	19.1897	5.76906	221.32	-0.011563
1.81812	81.1989	96.1161	1034.24	1900.54	19.6996	5.76969	220.58	-0.0125
1.81912	81.6091	96.1161	1036.53	1915.58	19.5895	5.76844	220.086	-0.010938
1.82012	81.8826	95.9791	1036.3	1908.28	19.7078	5.76844	220.382	-0.010938
1.82112	81.3356	96.2531	1031.5	1910.37	20.1806	5.76806	221.369	-0.010313
1.82212	81.7458	95.5681	1033.33	1898.9	20.205	5.76969	222.554	-0.008375
1.82312	81.6091	96.684	1034.7	1893.17	20.7836	5.76719	223.491	-0.011563
1.82412	81.6091	96.1161	1034.24	1901.77	20.4048	5.76906	223.935	-0.010938
1.82512	81.3356	96.1161	1036.76	1895.82	20.7188	5.76969	222.986	-0.010313
1.82612	81.6091	96.1161	1038.07	1892.76	21.0121	5.75582	222.405	-0.010625
1.82712	81.1989	96.1161	1035.16	1897.54	20.3825	5.72875	221.613	-0.011563
1.82812	81.6091	95.9791	1035.16	1898.63	20.8572	5.71125	220.333	-0.012813
1.82912	81.6091	95.5681	1035.64	1896.44	20.7757	5.70219	219.543	-0.011563
1.83012	81.8826	95.9791	1035.84	1898.9	20.4986	5.76156	218.655	-0.012188
1.83112	81.8826	95.9791	1037.1	1897.87	20.1724	5.77781	219.445	-0.011875
1.83212	81.8826	96.2531	1036.98	1898.63	19.398	5.76969	220.828	-0.012188
1.83312	81.3356	96.39	1038.58	1900.13	19.4306	5.76969	222.208	-0.008438
1.83412	81.0822	96.1161	1037.87	1898.36	19.1738	5.76856	222.8	-0.014063
1.83512	81.3356	96.1161	1037.9	1898.58	19.5121	5.76719	223.086	-0.011563
1.83612	81.3356	95.9791	1038.47	1896.03	19.8058	5.76656	223.294	-0.010625
1.83712	81.6091	95.8421	1037.33	1894.6	19.773	5.76437	223.382	-0.010313
1.83812	81.6091	95.9791	1037.55	1900.27	19.8382	5.76969	223.244	-0.010938
1.83912	81.6091	96.2531	1038.98	1908.05	20.0501	5.76187	222.603	-0.010625
1.84012	81.7458	96.1161	1035.5	1902.18	20.0787	5.75781	222.702	-0.011563
1.84112	81.4724	95.9791	1031.27	1899.88	19.8789	5.75531	223.738	-0.011563
1.84212	81.6091	96.39	1030.93	1893.71	19.8871	5.76969	225.267	-0.010313
1.84312	81.8826	95.9791	1031.04	1893.17	19.9686	5.76469	226.057	-0.01125
1.84412	81.6091	96.39	1031.62	1894.26	19.8708	5.76375	226.304	-0.008438
1.84512	81.3356	96.1161	1032.19	1893.3	19.667	5.76469	226.106	-0.010313
1.84612	81.6091	95.9791	1032.07	1889.46	19.5589	5.76656	226.106	-0.009688
1.84712	81.8826	95.8421	1032.19	1892.07	19.3778	5.76719	224.628	-0.011563
1.84812	81.6091	96.2531	1033.1	1897.54	19.1982	5.77219	223.59	-0.011563
1.84912	81.6091	95.5681	1032.87	1893.96	19.0148	5.77031	222.899	-0.011563
1.85012	81.7458	96.39	1033.33	1893.17	18.7132	5.77489	222.8	-0.011563
1.85112	81.6091	96.1161	1035.16	1840.72	18.379	5.77489	223.787	-0.01125
1.85212	82.1581	96.1161	1020.64	1724.48	18.3015	5.77719	225.584	-0.011875
1.85312	81.6091	96.1161	997.464	1796.19	18.9007	5.77219	225.958	-0.012188
1.85412	81.6091	96.1161	1042.69	1725.03	19.4673	5.74869	224.379	-0.010313
1.85512	81.0822	95.8421	1028.3	1764.76	19.5284	5.72594	221.32	-0.008125
1.85612	81.0822	95.5681	1020.98	1773.79	19.6468	5.71062	217.422	-0.010313
1.85712	80.7888	96.2531	1034.13	1742.93	19.6996	5.71219	214.214	-0.009688
1.85812	81.3356	95.8421	1028.53	1778.52	19.8058	5.78858	210.859	-0.012188
1.85912	81.8826	96.1161	1029.22	1778.44	19.8545	5.77094	208.293	-0.010938
1.86012	80.7888	95.8421	1034.69	1768.22	19.9688	5.77531	207.405	-0.010938
1.86112	81.6091	96.1161	1039.27	1766.28	19.9279	5.77158	208.145	-0.010825
1.86212	81.1989	95.9791	1046.09	1766.86	19.8463	5.77158	210.089	-0.010938
1.86312	81.8826	95.8421	1036.3	1788	19.7322	5.76719	210.711	-0.0125

1.66412	81.3358	96.2531	1036.87	1812.58	19.8262	5.77375	211.058	-0.012813
1.66512	81.8826	95.8421	1037.9	1797.28	19.3857	5.77158	211.944	-0.010313
1.66612	81.4724	96.39	1024.99	1704.41	18.6969	5.77856	215.201	-0.010313
1.66712	81.3358	96.39	1009.57	1715.2	18.4075	5.78989	218.507	-0.013125
1.66812	81.7458	96.1161	1027.39	1785.27	18.114	5.77094	220.432	-0.011563
1.66912	81.7458	95.4312	1050.89	1834.98	18.5501	5.78781	219.642	-0.011563
1.67012	81.6091	95.5881	1033.56	1905.05	18.8355	5.77344	219.445	-0.010938
1.67112	81.8826	96.1161	1029.67	1889.48	18.811	5.77219	220.58	-0.010938
1.67212	81.0822	96.1161	1030.59	1868.31	18.6317	5.77187	222.356	-0.010938
1.67312	81.0822	96.2531	1025.79	1878.41	18.6806	5.77187	223.985	-0.010825
1.67412	81.8826	95.4312	1030.59	1887.98	18.7703	5.77281	224.971	-0.009083
1.67512	81.7458	95.5881	1040.87	1902.18	19.0841	5.77219	225.119	-0.01125
1.67612	81.8826	95.2942	1044.29	1908.19	19.0597	5.77719	224.577	-0.011875
1.67712	81.3358	96.1161	1032.87	1886.72	18.8589	5.77594	224.182	-0.007813
1.67812	81.6091	95.9791	1020.89	1834.89	18.754	5.77989	223.888	-0.012188
1.67912	81.8091	95.8421	1038.78	1948.43	18.7703	5.78344	224.083	-0.012813
1.68012	81.3358	95.5881	1035.86	1884.46	18.7295	5.78219	224.873	-0.011563
1.68112	81.6091	96.39	1029.9	1888.65	18.6806	5.77781	225.613	-0.012813
1.68212	81.3358	96.39	1034.24	1943.7	18.5175	5.75989	226.402	-0.012188
1.68312	81.0822	95.8421	1029.79	1919.66	18.5298	5.73688	227.241	-0.011563
1.68412	81.6091	96.39	1024.19	1890.16	18.1915	5.71719	228.129	-0.011875
1.68512	81.3358	96.527	1021.91	1861.48	18.1018	5.72781	228.228	-0.01125
1.68612	82.1561	95.8421	1021.79	1864.76	17.898	5.78344	227.881	-0.011563
1.68712	81.6091	96.8421	1027.39	1901.38	17.888	5.77875	226.846	-0.01125
1.68812	81.6091	96.527	1028.67	1909.28	18.0366	5.77844	226.057	-0.011563
1.68912	81.7458	96.1161	1024.42	1922.94	18.3504	5.77666	225.267	-0.010313
1.69012	81.4724	96.8421	1024.42	1921.3	18.3871	5.77812	225.858	-0.010938
1.69112	81.6091	96.39	1024.65	1915.16	18.758	5.77719	226.057	-0.01125
1.69212	81.3358	96.684	1022.38	1825.85	18.8192	5.77844	227.192	-0.012188
1.69312	81.7458	96.1161	1024.19	1931.14	18.8925	5.77989	228.475	-0.010938
1.69412	81.3358	96.39	1025.79	1919.12	19.1618	5.77125	228.524	-0.012188
1.69512	81.6091	96.1161	1023.28	1895.21	19.2635	5.77781	228.452	-0.012813
1.69612	81.7458	96.39	1016.88	1865.03	19.0028	5.77531	223.59	-0.009688
1.69712	81.0822	96.2531	1014.37	1870.49	19.2349	5.77594	220.284	-0.010938
1.69812	81.6091	95.9791	1019.05	1901.09	19.023	5.77489	217.888	-0.01125
1.69912	81.7458	96.684	1021.11	1891.53	18.9741	5.77719	216.533	-0.010313
1.70012	81.6091	96.1161	1010.71	1880.8	18.9537	5.77219	216.287	-0.013125
1.70112	81.3358	96.39	1007.17	1838.62	18.6887	5.77312	215.892	-0.01125
1.70212	81.7458	96.1161	1003.97	1798.38	18.0447	5.77219	216.583	-0.011875
1.70312	81.6091	96.1161	998.378	1800.29	17.6371	5.77469	218.261	-0.011563
1.70412	81.3358	96.684	1003.18	1815.86	17.7105	5.77125	221.981	-0.011875
1.70512	81.4724	96.1161	1007.63	1840.99	17.8735	5.77406	224.922	-0.011875
1.70612	81.6091	96.39	1007.29	1892.35	18.1344	5.77594	226.748	-0.011563
1.70712	82.1561	96.1161	1009.46	1908.48	18.2811	5.77489	226.748	-0.012188
1.70812	81.6091	96.39	1004.89	1899.72	18.4034	5.77406	226.304	-0.012813
1.70912	81.6091	96.527	998.607	1890.84	18.5338	5.78989	226.353	-0.011563
1.71012	81.7458	96.1161	998.863	1878.14	18.6561	5.74781	227.192	-0.010938
1.71112	81.6091	96.1161	999.406	1882.1	18.701	5.72219	228.327	-0.013125
1.71212	81.8826	96.39	999.52	1904.09	18.7621	5.69989	229.708	-0.010625
1.71312	81.8826	95.9791	1000.89	1920.21	18.7621	5.69219	230.251	-0.011875
1.71412	81.8826	96.684	998.292	1829.22	18.7295	5.76584	230.398	-0.011563
1.71512	81.7458	95.5881	993.695	1825.81	18.7458	5.76989	229.908	-0.012813

1.71612	81.6091	96.1161	988.555	1922.94	18.811	5.76437	229.412	-0.011875
1.71712	81.7458	96.1161	992.439	1970.74	18.8643	5.76719	228.919	-0.010313
1.71812	81.3356	95.9791	1009.91	1971.02	18.436	5.76469	228.524	-0.010938
1.71912	82.0193	96.1161	1006.37	1979.62	18.4034	5.76781	229.264	-0.011563
1.72012	82.4296	96.1161	1001.8	1962.28	18.2648	5.76844	230.103	-0.01125
1.72112	81.6091	96.1161	1001.8	1935.51	17.9469	5.76531	231.682	-0.010938
1.72212	81.6091	96.2531	997.007	1910.92	17.6983	5.76408	232.179	-0.013125
1.72312	81.6826	95.5681	992.21	1868.03	17.7186	5.76625	231.781	-0.010313
1.72412	81.6091	96.664	989.012	1820.78	17.8002	5.76594	229.511	-0.010313
1.72512	81.6091	96.1161	982.616	1804.11	17.8939	5.76594	228.156	-0.010938
1.72612	81.3356	96.1161	981.245	1819.14	17.9143	5.77187	222.603	-0.01125
1.72712	81.4724	96.1161	979.875	1767.1	18.1588	5.76844	219.543	-0.010825
1.72812	81.6091	96.39	956.803	1885.83	18.3893	5.76969	217.57	-0.011563
1.72912	81.0622	96.1161	939.213	1897.85	18.3504	5.76563	218.261	-0.010825
1.73012	82.1561	95.9791	984.57	1681.46	18.5012	5.76469	219.938	-0.011563
1.73112	81.3356	96.1161	960.686	1729.27	18.5175	5.75969	221.399	-0.010313
1.73212	81.3356	95.8421	962.285	1886.47	18.3871	5.76344	221.123	-0.013438
1.73312	81.7458	95.8421	1013.11	1951.35	18.4686	5.75969	219.445	-0.013438
1.73412	82.1561	95.8421	1021.68	1913.11	18.5338	5.76408	218.754	-0.010938
1.73512	81.6091	96.664	977.134	1856.56	18.2241	5.76344	219.84	-0.011875
1.73613	81.8826	95.2942	976.22	1847.55	18.0203	5.76219	220.629	-0.011563
1.73713	81.8826	95.9791	1005.82	1885.79	18.1181	5.76469	221.715	-0.011875
1.73813	81.4724	96.1161	1010.49	1932.09	17.8491	5.75969	222.751	-0.010938
1.73913	81.3356	95.5681	999.408	1944.11	17.6045	5.73969	224.133	-0.010938
1.74013	81.7458	96.1161	998.264	1912.01	17.3722	5.71469	228.057	-0.010825
1.74113	81.0622	96.1161	983.53	1886.34	18.9034	5.69187	228.031	-0.013438
1.74213	81.8826	96.1161	958.402	1861.75	18.8178	5.67594	229.314	-0.011563
1.74313	81.7458	96.664	954.518	1844.82	18.8056	5.73312	229.859	-0.010313
1.74413	81.7458	95.4312	971.423	1839.22	18.9768	5.75844	228.524	-0.014888
1.74513	81.6091	96.627	979.504	1868.72	17.205	5.75344	228.129	-0.014063
1.74613	81.7458	96.2531	975.534	1870.49	17.3273	5.75406	227.735	-0.010938
1.74713	81.8826	96.1161	968.453	1873.22	17.2784	5.75082	227.044	-0.011563
1.74813	81.8826	96.39	968.397	1882.38	17.3644	5.75406	227.439	-0.011563
1.74913	82.1561	95.9791	972.585	1889.34	17.523	5.75094	228.426	-0.011563
1.75013	81.7458	96.527	980.332	1908	17.4252	5.74844	229.56	-0.010938
1.75113	81.8826	95.8421	988.896	1913.11	17.3518	5.74719	230.597	-0.013125
1.75213	81.6091	95.9791	997.464	1906.28	17.4822	5.74844	231.584	-0.011563
1.75313	81.8826	96.39	996.779	1901.63	17.4985	5.74563	231.337	-0.011563
1.75413	81.8826	96.1161	989.812	1880.16	17.2988	5.74437	230.991	-0.011563
1.75513	81.4724	96.1161	984.786	1886.31	17.3233	5.74375	229.56	-0.015313
1.75613	81.0622	95.9791	989.241	1943.15	17.2866	5.74781	229.067	-0.010313
1.75713	82.1561	96.1161	1002.49	1940.42	17.1278	5.74719	228.524	-0.010313
1.75813	81.6091	96.2531	1000.78	1944.25	17.0502	5.74666	228.426	-0.011563
1.75913	81.6091	96.1161	997.921	1925.13	18.9279	5.74969	228.87	-0.010313
1.76013	80.9255	96.1161	998.15	1905.18	18.6915	5.74281	229.412	-0.011563
1.76113	81.7458	96.1161	994.495	1891.25	18.7159	5.74563	229.669	-0.01125
1.76213	81.3356	96.1161	992.553	1867.21	18.7648	5.74437	229.511	-0.012813
1.76313	81.1989	96.1161	993.809	1845.36	17.1195	5.74781	229.708	-0.012813
1.76413	81.3356	96.1161	990.84	1857.65	17.2295	5.74719	229.919	-0.010938
1.76513	81.8826	96.39	993.581	1880.33	17.3782	5.74875	228.524	-0.012188
1.76613	81.0622	95.8421	993.467	1883.19	17.7023	5.74625	227.735	-0.014063
1.76713	81.6091	95.8421	990.383	1894.94	17.6004	5.75281	228.426	-0.009688

1.78813	81.7458	98.2531	995.751	1893.44	17.8778	5.75158	229.81	-0.011875
1.78913	81.7458	98.39	1000.66	1900.95	17.8002	5.73906	230.547	-0.010913
1.77013	81.3358	98.39	1004.66	1913.11	17.6942	5.71344	231.88	-0.011875
1.77113	81.8826	98.1181	1012.54	1916.38	17.8165	5.69406	233.261	-0.010313
1.77213	81.7458	95.5881	1017.57	1917.75	17.7875	5.87658	233.658	-0.010913
1.77313	81.7458	98.39	1019.17	1914.2	17.8371	5.73594	233.508	-0.011563
1.77413	82.2928	98.1181	1019.85	1905.46	17.5189	5.75489	232.689	-0.012813
1.77513	82.1581	98.1181	1018.71	1943.15	17.4859	5.74844	231.88	-0.010938
1.77613	81.8826	98.1181	1028.3	1959	17.1928	5.74719	231.09	-0.01125
1.77713	81.8826	98.2531	1030.13	1961.46	17.0542	5.74406	230.848	-0.014375
1.77813	81.8826	98.1181	1027.85	1965.28	16.9034	5.74489	231.781	-0.011875
1.77913	81.8826	98.1181	1030.47	1946.43	16.6344	5.74219	233.015	-0.011875
1.78013	81.8091	98.39	1030.02	1932.23	16.4428	5.73875	233.952	-0.010913
1.78113	81.7458	98.39	1027.28	1914.2	16.1004	5.74312	234.694	-0.010938
1.78213	81.8091	98.1181	1027.16	1889.89	15.7621	5.73781	234.692	-0.013438
1.78313	81.7458	98.884	1026.25	1883.06	15.8496	5.73889	234.495	-0.011563
1.78413	81.7458	95.9791	1025.11	1915.02	15.8926	5.73658	233.903	-0.010913
1.78513	81.8091	95.8421	1031.5	1922.26	16.0311	5.73812	233.084	-0.011563
1.78613	81.3358	95.7051	1030.13	1930.59	16.1371	5.73812	232.472	-0.011875
1.78713	82.0193	95.7051	1030.02	1931.14	16.1004	5.73781	232.225	-0.012188
1.78813	81.8091	95.8421	1035.84	1926.22	16.2349	5.74406	232.62	-0.010938
1.78913	82.0193	98.1181	1038.24	1935.51	16.1842	5.74344	233.656	-0.012813
1.79013	81.8826	98.527	1043.38	1941.38	16.3002	5.74344	234.791	-0.010313
1.79113	81.8826	95.4312	1048.83	1928.81	16.4489	5.74406	234.398	-0.011563
1.79213	81.8091	98.39	1048.41	1903.82	16.2757	5.74819	232.077	-0.010625
1.79313	81.1989	95.8421	1041.1	1874.88	16.2594	5.74219	228.771	-0.010313
1.79413	81.3358	98.39	1038.58	1872.4	16.3776	5.74489	225.267	-0.012188
1.79513	81.3358	95.8421	1042.69	1916.93	16.3165	5.74594	222.751	-0.012188
1.79613	81.4724	95.8421	1063.89	1880.6	16.1167	5.74908	222.208	-0.012813
1.79713	81.8826	98.1181	1034.24	1795.92	16.0515	5.74658	224.231	-0.010913
1.79813	81.3358	98.39	1010.26	1795.1	15.8844	5.74687	227.34	-0.011563
1.79913	81.0622	98.1181	1035.61	1750.16	15.7132	5.73406	228.524	-0.012813
1.80013	81.8091	98.1181	1031.39	1750.3	15.7295	5.71281	229.118	-0.010938
1.80113	81.4724	98.1181	1025.33	1873.77	15.5298	5.69187	228.179	-0.011563
1.80213	81.8826	95.9791	1074.22	1831.68	15.7296	5.67719	226.267	-0.011875
1.80313	81.8091	98.1181	1082.9	1925.95	16.1208	5.72094	224.823	-0.010313
1.80413	81.7458	95.9791	1040.41	1907.92	16.0383	5.75406	225.613	-0.011563
1.80513	81.8091	95.8421	1049.32	1857.93	16.2023	5.73908	226.846	-0.010313
1.80613	81.3358	95.8421	1070.79	1886.12	16.4184	5.74084	228.031	-0.010625
1.80713	81.1989	95.9791	1076.73	1811.47	16.6089	5.7375	228.906	-0.011563
1.80813	81.3358	98.1181	1076.96	1930.86	16.5284	5.73594	231.633	-0.01125
1.80913	81.8091	95.5881	1078.85	1933.05	16.5243	5.73438	234.001	-0.010625
1.81013	81.3358	95.9791	1072.51	1938.33	16.7974	5.73489	235.188	-0.007188
1.81113	81.3358	95.8421	1052.52	1933.87	16.6833	5.73281	234.742	-0.012188
1.81213	81.8091	95.4312	1054.34	1926.9	16.7808	5.73094	233.952	-0.010938
1.81313	81.3358	95.8421	1068.05	1934.41	16.7078	5.72989	232.889	-0.012188
1.81413	81.8091	98.2531	1072.82	1984.81	16.8589	5.73489	231.041	-0.012813
1.81513	81.8826	98.1181	1077.19	1978.67	16.8589	5.73406	230.449	-0.011875
1.81613	81.8091	98.2531	1065.77	1986.59	16.5407	5.73406	230.547	-0.011563
1.81713	81.8091	98.39	1058.46	1979.21	16.4958	5.73219	231.386	-0.012188
1.81813	81.1989	95.9791	1064.85	1957.36	16.2472	5.72989	232.422	-0.011875
1.81913	81.3358	95.5881	1065.54	1947.39	16.2635	5.73219	233.212	-0.011875

1.82013	81.6091	95.5681	1068.51	1919.39	16.1371	5.73344	233.804	-0.010313
1.82113	81.0822	95.8421	1076.27	1885.65	15.8518	5.73594	233.459	-0.010938
1.82213	81.8828	96.39	1072.16	1891.25	15.8926	5.73781	233.113	-0.012188
1.82313	81.7458	95.5681	1072.96	1923.76	15.485	5.73719	232.867	-0.010313
1.82413	81.6091	95.9791	1078.1	1933.32	15.3627	5.73582	231.88	-0.01
1.82513	81.7458	95.8421	1076.82	1953.53	15.4157	5.74094	231.09	-0.010313
1.82613	81.6091	96.39	1083.13	1952.17	15.4972	5.73489	231.041	-0.013125
1.82713	81.3356	96.527	1069.07	1944.25	15.7132	5.73438	232.274	-0.011583
1.82813	81.7458	96.1161	1092.04	1951.76	15.6888	5.73082	233.261	-0.010825
1.82913	81.0822	96.1161	1096.38	1953.26	15.7214	5.73219	234.199	-0.010313
1.83013	81.4724	96.2531	1100.03	1952.99	15.9578	5.70906	234.347	-0.010938
1.83113	81.6091	96.884	1099.12	1952.17	15.9496	5.68937	233.804	-0.011875
1.83213	82.0183	96.1161	1096.2	1942.33	16.0558	5.68781	232.788	-0.008438
1.83313	81.7458	96.2531	1095.01	1976.12	16.0087	5.65489	231.88	-0.012188
1.83413	81.4724	96.8421	1103.12	2009.26	16.0311	5.71658	231.041	-0.010838
1.83513	81.6091	96.1161	1103.89	2018.27	15.9496	5.73531	230.745	-0.013438
1.83613	81.3356	96.2531	1095.46	2018.55	15.97	5.72583	231.88	-0.011583
1.83713	81.6091	96.39	1097.29	1988.5	15.8803	5.73094	233.212	-0.01125
1.83813	81.7458	95.8421	1095.23	1980.36	15.8029	5.72469	234.248	-0.010825
1.83913	81.6091	95.5681	1091.58	1935.1	15.8273	5.72594	235.531	-0.011583
1.84013	81.6091	95.7051	1093.98	1908.74	15.4809	5.72687	235.926	-0.010313
1.84113	81.6091	96.884	1096.15	1903	15.3871	5.72906	235.53	-0.011583
1.84213	81.3356	95.5681	1098.2	1939.33	15.2975	5.72406	235.383	-0.010313
1.84313	81.6091	96.884	1105.51	1952.99	14.9795	5.72406	234.446	-0.010938
1.84413	81.6091	96.1161	1103.89	1967.74	15.4442	5.72437	233.656	-0.013438
1.84513	81.6091	96.2531	1105.4	1973.07	15.6195	5.7276	234.643	-0.010313
1.84613	81.6091	95.5681	1111	1982.14	15.4768	5.72406	234.544	-0.010313
1.84713	81.1989	96.39	1113.74	1989.24	15.8681	5.72531	235.779	-0.010313
1.84813	81.8828	95.9791	1117.16	1977.44	15.8599	5.72469	237.16	-0.010825
1.84913	81.6091	95.7051	1121.98	1975.11	15.9048	5.72219	237.801	-0.010313
1.85013	82.0183	96.1161	1123.58	1975.93	16.1493	5.72187	237.406	-0.012188
1.85113	81.7458	96.884	1122.65	1968.83	16.0882	5.72344	237.012	-0.011875
1.85213	81.6091	95.8421	1121.28	1970.47	16.1004	5.72583	236.926	-0.011875
1.85313	81.0822	95.9791	1123.58	2024.83	16.2513	5.72594	234.84	-0.011583
1.85413	81.3356	95.5681	1132.13	2032.21	16.1493	5.72856	233.952	-0.00875
1.85513	81.8828	96.1161	1124.82	2044.64	16.1045	5.72856	234.051	-0.012188
1.85613	81.6091	96.884	1121.98	2026.2	16.3287	5.72889	234.643	-0.010313
1.85713	80.7888	96.1161	1123.33	1990.14	16.1779	5.73031	235.877	-0.010313
1.85813	81.6091	96.2531	1116.65	1964.19	16.0636	5.73344	237.012	-0.01125
1.85913	81.6091	96.884	1117.82	1936.6	16.1208	5.73219	237.505	-0.011583
1.86013	81.3356	96.1161	1120.38	1904.09	16.1045	5.73094	236.587	-0.011583
1.86113	81.6091	96.1161	1117.82	1886.2	15.9333	5.71531	234.051	-0.010313
1.86213	81.6091	95.8421	1116.02	1897.54	15.811	5.68969	230.399	-0.011583
1.86313	81.6091	95.8421	1122.76	1884.15	15.7621	5.67094	227.241	-0.010825
1.86413	81.6091	96.2531	1121.98	1884.7	15.1263	5.65375	225.267	-0.011875
1.86513	82.1561	96.1161	1124.93	1890.71	14.5841	5.70656	224.971	-0.009688
1.86613	82.1561	96.39	1131.1	1908.41	14.8858	5.73406	227.34	-0.011875
1.86713	82.0193	96.1161	1136.58	1939.33	14.7288	5.71969	231.041	-0.011583
1.86813	81.3356	96.1161	1140.89	1971.84	15.0447	5.72469	233.459	-0.01125
1.86913	81.1989	95.9791	1142.06	1982.76	14.9632	5.71969	234.84	-0.011583
1.87013	82.2828	96.1161	1141.84	1976.75	14.845	5.72281	235.186	-0.01125
1.87113	81.8828	96.39	1140.81	1955.17	15.3546	5.71719	234.742	-0.010313

1.87213	81.8828	98.2531	1139.32	1957.91	15.2771	5.71969	233.705	-0.010313
1.87313	81.8091	98.864	1141.61	2003.88	15.1181	5.71906	233.261	-0.010313
1.87413	81.8091	98.1161	1145.72	2011.72	15.2893	5.71969	233.084	-0.010838
1.87514	81.8091	98.1161	1138.52	2030.84	15.2567	5.71625	233.459	-0.010825
1.87614	81.8091	98.2531	1136.35	2012.54	15.0896	5.71344	234.199	-0.008125
1.87714	81.8828	95.9791	1132.01	1987.95	15.1874	5.70844	235.334	-0.012813
1.87814	81.8828	95.7061	1129.16	1965.28	15.0651	5.70969	236.123	-0.010938
1.87914	81.8091	98.2531	1130.19	1935.51	15.0244	5.71156	236.419	-0.011563
1.88014	81.8828	98.1161	1131.1	1909.83	15.0284	5.71166	236.37	-0.011875
1.88114	81.8828	98.2531	1131.78	1944.25	14.845	5.71219	235.432	-0.012188
1.88214	81.7458	98.1161	1137.95	1959	14.7023	5.70812	234.901	-0.010938
1.88314	81.3358	95.5881	1137.27	1953.53	14.7105	5.70844	233.508	-0.011563
1.88414	81.3358	96.527	1134.53	1962.28	14.4293	5.70719	233.015	-0.012188
1.88514	81.3358	95.5881	1143.43	1955.99	14.4089	5.70719	233.459	-0.011875
1.88614	81.3358	95.5881	1147.09	1975.93	14.2295	5.70719	234.347	-0.011875
1.88714	81.6091	95.8421	1149.83	1995.08	13.985	5.70969	235.432	-0.008438
1.88814	81.6091	95.5881	1151.2	1989.32	13.9605	5.71594	235.877	-0.013438
1.88914	81.7458	95.9791	1151.89	1963.78	14.1806	5.71856	236.567	-0.009063
1.89014	81.6091	95.5881	1148.46	1952.72	14.2784	5.71906	235.432	-0.011563
1.89114	81.7458	96.527	1147.55	1963.91	14.5312	5.71888	234.051	-0.010313
1.89214	81.3358	96.864	1151.2	2005.44	14.6494	5.71719	232.57	-0.011563
1.89314	81.7458	98.2531	1153.03	2058.43	14.6045	5.69858	231.238	-0.01125
1.89414	81.8828	98.1161	1151.89	2029.2	14.9489	5.67531	230.991	-0.011875
1.89514	81.4724	95.9791	1139.78	2010.35	14.9143	5.66344	231.633	-0.01125
1.89614	81.8828	98.2531	1139.32	1974.84	14.899	5.64469	232.768	-0.010313
1.89714	81.3358	95.9791	1141.95	1964.05	15.0203	5.71062	233.705	-0.013125
1.89814	81.7458	96.801	1143.32	1968.24	14.9306	5.71489	234.446	-0.010938
1.89914	81.3358	98.1161	1146.18	1949.16	14.9958	5.70844	234.544	-0.012188
1.90014	81.4724	98.1161	1145.15	1918.98	14.9958	5.70969	234.298	-0.014063
1.90114	81.4724	95.8421	1138.87	1922.94	15.0368	5.70906	233.653	-0.01125
1.90214	81.4724	98.1161	1142.84	1939.33	15.1283	5.71084	232.689	-0.011875
1.90314	81.4724	95.5881	1146.52	1957.63	15.0488	5.71062	231.882	-0.011563
1.90414	81.3358	98.1161	1149.6	1991.4	14.9306	5.71084	231.268	-0.010313
1.90514	81.3358	96.38	1151.89	1978.94	15.0203	5.70856	231.268	-0.010938
1.90614	81.6091	98.1161	1150.52	1973.48	14.898	5.70812	232.373	-0.010825
1.90714	81.3358	98.1161	1149.95	1971.02	14.8939	5.70313	233.409	-0.010825
1.90814	81.4724	95.8421	1150.74	1982.28	14.4089	5.70156	234.347	-0.012188
1.90914	81.7458	95.9791	1151.2	1988.29	13.9279	5.70281	234.248	-0.010313
1.91014	81.4724	95.9791	1153.94	1974.16	14.0502	5.70469	233.755	-0.014063
1.91114	81.6091	98.1161	1153.03	1968.83	13.8668	5.70437	232.719	-0.012188
1.91214	81.4724	95.8421	1150.97	2001.34	14.148	5.70719	232.077	-0.012188
1.91314	81.7458	95.5881	1152.69	2031.11	13.9524	5.70656	231.09	-0.010938
1.91414	81.4724	98.1161	1150.97	2034.39	13.9442	5.70781	231.09	-0.010313
1.91514	81.6091	95.8421	1143.89	2041.49	14.201	5.70594	231.682	-0.010313
1.91614	81.8828	95.8421	1145.28	2013.9	14.1072	5.70625	233.163	-0.010313
1.91714	81.7458	98.1161	1144.69	1987.41	14.0135	5.70469	234.544	-0.010825
1.91814	81.7458	95.9791	1143.89	1963.64	14.36	5.70875	235.63	-0.011563
1.91914	81.3358	98.1161	1145.72	1931.88	14.4007	5.70719	235.827	-0.011875
1.92014	81.6091	96.864	1146.26	1917.2	14.0829	5.71187	235.729	-0.010938
1.92114	81.3358	95.4312	1144.35	1947.68	14.1032	5.71219	234.643	-0.010938
1.92214	81.6091	95.8421	1148.48	1968.15	14.1806	5.71719	233.459	-0.011875
1.92314	81.3358	95.8421	1151.43	1979.49	14.1806	5.71594	232.373	-0.009888

1.92414	81.8828	95.5881	1152.12	1985.49	14.1806	5.71658	231.485	-0.010313
1.92514	81.8091	96.2531	1153.94	1971.56	14.2295	5.69969	231.682	-0.01125
1.92614	82.1581	96.39	1154.06	1969.38	14.095	5.67531	232.422	-0.010313
1.92714	81.8091	96.39	1154.4	1979.21	14.0013	5.65989	233.658	-0.012813
1.92814	81.3356	96.2531	1154.4	1977.57	13.8178	5.65658	234.643	-0.011875
1.92914	81.3356	95.5881	1153.49	1973.75	13.8833	5.71969	234.298	-0.012188
1.93014	81.3356	96.884	1153.03	1951.35	13.8711	5.71562	232.176	-0.011563
1.93114	82.0193	96.1181	1150.63	1923.49	13.8589	5.71469	229.116	-0.010625
1.93214	81.3356	96.1181	1148.89	1948.16	13.4388	5.71469	228.067	-0.011875
1.93314	81.3356	96.1181	1152.69	1959.54	13.3854	5.71469	223.787	-0.013438
1.93414	81.3356	96.2531	1152.34	1959	13.3124	5.70989	223.54	-0.010313
1.93514	81.1989	95.5881	1149.37	1969.11	13.1453	5.70408	224.922	-0.011563
1.93614	81.7458	95.8421	1161.89	1967.47	13.1331	5.70844	227.537	-0.011563
1.93714	81.3356	96.527	1151.89	1975.39	13.0719	5.69844	229.807	-0.01125
1.93814	81.7458	96.1181	1149.37	1953.53	13.1816	5.69906	231.682	-0.010625
1.93914	81.8091	95.4312	1147.32	1928.27	13.6711	5.69594	232.373	-0.010625
1.94014	81.8828	96.1161	1149.37	1896.58	13.61	5.69781	232.176	-0.010313
1.94114	81.3356	96.1161	1149.37	1928.4	13.7159	5.69344	231.386	-0.012188
1.94214	81.3356	96.1161	1153.03	1934.28	13.8484	5.69531	230.301	-0.011563
1.94314	81.3356	96.884	1151.2	1936.48	13.9034	5.69844	229.314	-0.012188
1.94414	81.3356	96.2531	1150.74	1947.8	13.9524	5.69408	229.511	-0.012813
1.94514	81.8091	96.39	1152.57	1932.77	14.0063	5.69094	230.695	-0.012188
1.94614	81.4724	96.2531	1150.97	1944.79	14.1276	5.69125	231.584	-0.012813
1.94714	81.4724	95.5881	1152.89	1945.89	14.1684	5.69781	232.472	-0.010938
1.94814	81.3356	96.39	1152.48	1934.82	14.2132	5.69489	233.015	-0.010625
1.94914	81.7458	95.5881	1150.29	1933.05	14.1725	5.69489	232.788	-0.010313
1.95014	81.8091	96.1181	1148.23	1938.05	14.148	5.69688	232.373	-0.011563
1.95114	81.3356	96.1181	1148.88	1941.24	14.1072	5.69906	231.584	-0.013125
1.95214	81.1989	95.4312	1145.38	1961.18	14.0298	5.70156	230.991	-0.010313
1.95314	81.4724	95.9791	1145.03	1959.54	14.042	5.70094	230.745	-0.009375
1.95414	81.8091	95.5881	1142.52	1945.34	13.8871	5.69781	231.436	-0.012813
1.95514	81.1989	96.1181	1143.43	1943.7	13.8915	5.69989	233.557	-0.011875
1.95614	81.8091	96.1181	1144.81	1937.83	13.5182	5.69906	235.334	-0.011563
1.95714	82.1581	96.1181	1143.78	1958.72	13.1046	5.65989	235.235	-0.011875
1.95814	80.7888	95.9791	1146.18	1947.25	13.129	5.64094	235.383	-0.010625
1.95914	81.7458	96.2531	1145.72	1937.83	12.9252	5.61844	235.087	-0.012188
1.96014	80.8521	96.1161	1147.55	1937.14	12.9333	5.63438	234.84	-0.010625
1.96114	81.1989	96.1161	1150.06	1943.7	12.9823	5.70908	233.755	-0.010625
1.96214	81.3356	96.39	1149.83	1944.79	13.0393	5.69219	232.373	-0.011875
1.96314	81.3356	96.1181	1149.95	1932.23	13.1045	5.69658	231.534	-0.010625
1.96414	80.9255	95.4312	1148.23	1935.64	13.1534	5.69469	231.485	-0.012813
1.96514	81.3356	96.884	1147.55	1943.84	13.1534	5.69969	232.373	-0.013438
1.96614	80.7888	95.9791	1147.09	1954.63	13.2024	5.69158	234.051	-0.012813
1.96714	81.3356	96.2531	1145.15	1952.44	13.1657	5.69125	235.235	-0.010625
1.96814	81.1989	96.39	1145.03	1938.78	13.2309	5.69662	235.186	-0.011875
1.96914	81.3356	95.9791	1144.48	1939.74	13.235	5.69812	235.432	-0.009375
1.97014	81.3356	96.2531	1142.98	1959.82	13.1045	5.69531	234.643	-0.011563
1.97114	81.3356	96.2531	1144.89	2008.94	13.0393	5.69969	233.952	-0.010938
1.97214	81.3356	96.1181	1144.81	2029.81	12.9415	5.69082	232.768	-0.010938
1.97314	81.8091	96.1181	1140.89	2080.07	12.9741	5.68437	232.62	-0.010313
1.97414	81.8091	96.2531	1142.29	2048.41	13.0878	5.68781	233.064	-0.01375
1.97514	81.8091	96.1181	1141.15	2038.04	12.8396	5.69219	234.051	-0.010313

1.97814	81.6091	96.1161	1142.52	2014.72	12.6969	5.69094	235.136	-0.013125
1.97714	81.6091	95.8421	1143.89	1989.59	12.754	5.68812	236.567	-0.013125
1.97814	81.3356	96.1161	1144.35	1997.79	12.8274	5.68906	237.762	-0.011563
1.97914	81.3356	96.864	1146.18	1997.1	12.7377	5.68687	237.308	-0.0125
1.98014	81.0622	96.39	1143.89	2004.89	12.5543	5.68438	236.862	-0.011875
1.98114	81.4724	96.527	1142.29	2009.12	12.5176	5.68219	236.026	-0.011875
1.98214	81.3356	95.5881	1141.95	1998.33	12.4035	5.68344	235.631	-0.011563
1.98314	81.3356	96.1161	1141.38	1998.2	12.2241	5.68094	234.84	-0.01125
1.98414	81.6091	95.5881	1141.84	1995.6	12.2466	5.68344	235.036	-0.010638
1.98514	81.3356	95.5881	1144.46	2012.81	12.1896	5.68094	235.63	-0.010638
1.98614	81.4724	96.1161	1145.28	2000.52	12.0882	5.68837	237.308	-0.0125
1.98714	81.3356	96.1161	1142.75	2008.53	11.8225	5.68825	237.801	-0.011563
1.98814	81.6091	96.2531	1142.98	2000.25	11.8958	5.68844	238.689	-0.010313
1.98914	81.4724	95.8421	1143.55	2002.16	12.1059	5.68687	238.245	-0.012188
1.99014	81.3356	96.864	1143.89	2001.61	12.4279	5.64887	237.061	-0.010313
1.99114	81.8828	95.9791	1146.29	1991.23	12.3831	5.62844	236.518	-0.01125
1.99214	80.7888	96.1161	1146.63	2014.45	12.4687	5.63344	235.63	-0.010313
1.99314	81.3356	96.39	1148.89	2016.23	12.5624	5.70719	234.791	-0.0125
1.99414	81.6091	96.1161	1144.89	2016.77	12.6399	5.69312	235.038	-0.01125
1.99514	82.1561	96.1161	1141.38	2005.85	12.648	5.69594	236.321	-0.010638
1.99614	81.3356	95.5881	1141.04	1993.42	12.7173	5.69406	237.801	-0.011875
1.99714	81.3356	96.39	1140.01	1995.6	12.7868	5.68944	238.591	-0.012813
1.99814	81.6091	96.2531	1140.89	1993.96	12.7784	5.68937	237.949	-0.013438
1.99914	81.1989	96.39	1141.15	1988.23	12.8029	5.68969	236.729	-0.012813
2.00014	81.6091	95.7061	1140.01	1979.49	12.8722	5.68989	233.508	-0.012188
2.00114	82.0183	96.39	1137.61	1976.34	12.8559	5.68594	230.301	-0.011563
2.00214	80.7888	96.1161	1137.5	1977.3	12.8437	5.69344	228.228	-0.012813
2.00314	81.3356	95.9791	1137.5	1969.92	12.8029	5.69219	227.143	-0.011875
2.00414	81.3356	95.5881	1137.5	1978.12	12.7948	5.69219	228.376	-0.012813
2.00514	81.6091	96.2531	1140.01	1980.59	12.7051	5.68906	231.584	-0.010638
2.00614	80.8521	96.1161	1139.32	2009.81	12.5991	5.69094	234.84	-0.011563
2.00714	81.3356	96.39	1137.27	2012.95	12.5685	5.69062	236.765	-0.010625
2.00814	81.3356	96.1161	1132.24	1999.29	12.4524	5.69594	237.308	-0.010938
2.00914	81.7458	96.1161	1131.33	1978.75	12.1589	5.69469	237.11	-0.009375
2.01014	81.3356	96.39	1130.87	1982.69	11.8899	5.69719	237.012	-0.012813
2.01114	81.3356	96.527	1131.33	1985.55	11.845	5.69781	237.012	-0.01125
2.01214	81.3356	96.1161	1132.01	2013.08	11.7187	5.70094	235.63	-0.012188
2.01314	81.3356	95.8421	1138.41	2058.79	11.7146	5.70219	235.334	-0.012188
2.01415	81.7458	95.8421	1138.64	2074.55	11.8776	5.70344	234.84	-0.010313
2.01515	81.6091	96.39	1132.58	2071.54	11.9306	5.69906	235.531	-0.012188
2.01615	81.6091	95.8421	1133.84	2035.07	11.9795	5.69844	236.37	-0.010638
2.01715	81.3356	95.5881	1132.93	2001.61	12.0244	5.69969	237.308	-0.010638
2.01815	81.3356	95.8421	1130.53	1972.11	12.0811	5.70094	237.801	-0.01125
2.01915	81.3356	96.39	1132.7	1944.25	12.0529	5.70219	237.702	-0.011563
2.02015	81.6091	96.1161	1133.61	1931.68	12.1222	5.69969	236.863	-0.012813
2.02115	81.3356	95.8421	1130.98	1959.27	12.0774	5.67719	235.926	-0.011563
2.02215	81.0622	96.1161	1134.18	1979.21	12.0937	5.65812	235.877	-0.010625
2.02315	81.7458	96.1161	1134.53	1994.37	12.163	5.63719	234.643	-0.011563
2.02415	80.7888	95.8421	1135.9	2004.07	12.1833	5.64906	234.15	-0.010625
2.02515	81.3356	95.8421	1138.41	1995.47	12.0937	5.71312	234.644	-0.010313
2.02615	80.9255	96.2531	1140.24	1993.42	12.1426	5.69969	234.84	-0.011563
2.02715	81.3356	96.39	1140.24	1998.15	12.187	5.69844	236.173	-0.010625

2.02815	81.3358	98.1181	1140.24	1990.55	12.0937	5.89989	238.419	-0.0125
2.02915	81.3358	98.1181	1136.47	1991.09	12.0285	5.89582	238.567	-0.011563
2.03015	81.3358	98.39	1132.38	1990.66	12.187	5.70125	235.83	-0.011563
2.03115	81.3358	95.4312	1128.13	1918.11	12.1426	5.89989	234.84	-0.009688
2.03215	81.1989	98.1181	1105.4	1746.88	11.9592	5.89989	233.856	-0.014063
2.03315	81.1989	95.5881	1074.9	1796.74	12.0855	5.89908	232.965	-0.012188
2.03415	81.3358	95.8421	1111.57	1735.28	11.9958	5.89937	230.893	-0.0125
2.03515	81.1989	95.9791	1103.23	1763.28	11.8491	5.89582	228.722	-0.010313
2.03615	81.3358	95.5881	1092.27	1758.63	11.9021	5.89375	227.143	-0.010313
2.03715	81.1989	95.5881	1099.12	1828.51	11.851	5.89989	224.774	-0.010825
2.03815	81.3358	96.39	1119.91	1999.29	11.7024	5.89219	223.148	-0.01125
2.03915	81.6091	95.9791	1141.61	2017.32	11.5597	5.88889	222.702	-0.01125
2.04015	81.3358	95.8421	1109.51	1946.98	11.8898	5.89489	224.774	-0.012813
2.04115	81.3358	98.1181	1098.32	1886.88	11.488	5.89584	227.832	-0.010938
2.04215	80.7888	98.2531	1122.3	1875.27	11.2948	5.89719	230.893	-0.010938
2.04315	81.3358	98.1181	1118.82	1915.84	11.3437	5.89344	232.472	-0.012813
2.04415	81.6091	98.2531	1110.43	1968.7	11.5838	5.89584	234.843	-0.01125
2.04515	80.7888	98.1181	1120.02	1984.95	11.4741	5.89408	235.432	-0.010938
2.04615	80.9255	98.2531	1113.28	1978.67	11.5189	5.89489	237.209	-0.013438
2.04715	81.3358	98.1181	1094.44	1974.57	11.8246	5.89219	238.84	-0.010825
2.04815	81.0822	98.884	1090.67	1962.82	11.7554	5.89531	238.985	-0.011563
2.04915	81.6091	98.1181	1108.03	1970.74	11.623	5.89344	237.998	-0.010938
2.05015	81.3358	98.527	1119.91	1979.21	11.8857	5.89281	238.765	-0.011563
2.05115	81.1989	98.527	1107.91	1974.16	11.7961	5.89219	235.186	-0.012188
2.05215	81.3358	98.884	1098.88	2000.25	11.8616	5.89584	233.459	-0.012188
2.05315	80.5153	98.1181	1108.89	2024.56	11.829	5.87989	232.867	-0.008438
2.05415	81.1989	98.1181	1106.89	2024.01	11.7105	5.89582	232.178	-0.014063
2.05515	81.3358	98.1181	1099.8	2034.88	11.8494	5.83489	233.212	-0.010825
2.05615	81.3358	98.1181	1104.83	2020.19	11.8045	5.82887	233.856	-0.012188
2.05715	81.3358	95.9791	1108.83	2001.07	11.5923	5.88989	234.791	-0.010313
2.05815	81.0822	98.884	1102.54	1990.3	11.8005	5.89219	235.827	-0.011563
2.05915	81.0822	98.1181	1092.72	1947.25	11.6045	5.88858	236.419	-0.010825
2.06015	80.8521	95.9791	1089.52	1925.4	11.6208	5.88989	236.321	-0.012188
2.06115	81.3358	95.9791	1089.07	1950.8	11.5108	5.88989	235.827	-0.010938
2.06215	81.3358	98.2531	1091.12	1973.48	11.486	5.88937	234.84	-0.012188
2.06315	81.3358	96.39	1086.61	1985.63	11.2948	5.88625	233.755	-0.011563
2.06415	81.3358	95.5881	1089.64	1993.42	11.2132	5.88989	232.867	-0.010313
2.06515	80.8521	98.2531	1088.15	1979.82	11.2051	5.89094	232.57	-0.015
2.06615	81.0822	98.1181	1084.04	1974.3	11.1399	5.89125	233.755	-0.012188
2.06715	81.3358	98.1181	1081.64	1979.21	10.985	5.88989	234.448	-0.010313
2.06815	81.3358	96.39	1084.04	1961.73	10.7883	5.89344	233.952	-0.011875
2.06915	82.1561	98.2531	1085.1	1951.08	10.5366	5.88489	232.274	-0.011563
2.07015	80.8521	96.39	1084.04	1927.31	10.341	5.88375	230.488	-0.011563
2.07115	81.4724	95.9791	1082.44	1903.27	10.4551	5.88781	228.87	-0.012188
2.07215	80.5153	98.1181	1083.01	1937.69	10.3899	5.88989	227.638	-0.011563
2.07315	81.3358	98.884	1090.44	1984.88	10.3185	5.88584	228.428	-0.012188
2.07415	80.7888	98.1181	1094.32	2015.27	10.3328	5.88658	230.794	-0.010313
2.07515	80.2419	98.527	1090.56	2049.69	10.3817	5.88584	233.755	-0.00875
2.07615	81.1989	96.39	1094.32	2044.91	10.4651	5.88781	236.419	-0.014375
2.07715	80.7888	98.2531	1093.06	2025.65	10.4832	5.88687	238.985	-0.012813
2.07815	81.3358	95.9791	1087.35	2000.68	10.4877	5.88989	239.725	-0.01125
2.07915	82.1561	96.39	1085.87	1983.37	10.5285	5.88844	240.584	-0.01125

2.08015	81.3356	95.8421	1083.13	1942.81	10.667	5.69625	240.88	-0.012813
2.08115	81.7458	96.39	1080.73	1988.15	10.5898	5.69408	240.515	-0.009375
2.08215	80.7888	96.2531	1080.84	1988.09	10.6711	5.69489	240.219	-0.012813
2.08315	81.3356	96.39	1078.27	2008.17	10.6548	5.69344	239.281	-0.011875
2.08415	81.8091	96.1161	1068.51	2021.83	10.6507	5.69594	238.699	-0.012813
2.08515	81.3356	96.1161	1068.39	2012.27	10.6283	5.68719	238.084	-0.011563
2.08615	81.3356	96.527	1068.57	2010.35	10.6507	5.65989	240.219	-0.010313
2.08715	80.5153	96.1161	1063.48	2011.86	10.8732	5.63844	241.107	-0.011563
2.08815	81.7458	96.1161	1064.85	2006.17	10.5898	5.62375	242.341	-0.010825
2.08915	81.0822	95.9791	1062.57	2009.53	10.8487	5.62844	242.143	-0.010313
2.09015	80.5153	96.1161	1058.69	2010.35	10.5448	5.70781	241.453	-0.011563
2.09115	81.3356	96.39	1055.26	2002.16	10.5529	5.68844	240.782	-0.009083
2.09215	81.0822	96.884	1053.43	2041.38	10.6834	5.69084	240.219	-0.010313
2.09315	81.1989	95.9791	1066.22	2074.82	10.8344	5.68989	239.577	-0.011563
2.09415	81.3356	96.2531	1072.85	2081.92	10.4959	5.68837	240.268	-0.009688
2.09515	81.1989	96.938	1059.71	2089.84	10.4755	5.68856	240.683	-0.012188
2.09615	81.0822	95.9791	1059.26	2080.62	10.4184	5.68844	242.045	-0.009375
2.09715	80.7888	96.39	1058.17	2030.84	10.394	5.68584	243.13	-0.010825
2.09815	81.3356	96.39	1051.28	2002.7	10.4103	5.68489	243.426	-0.013125
2.09915	81.3356	95.4312	1051.38	1972.11	10.3185	5.68583	243.92	-0.010313
2.10015	81.3356	96.1161	1049.32	1874.59	10.1898	5.68719	243.478	-0.014083
2.10115	81.1989	96.527	1017.45	1721.48	10.0027	5.68687	242.538	-0.011563
2.10215	80.7888	95.9791	986.271	1775.84	10.0838	5.68637	240.782	-0.011563
2.10315	81.0822	95.8421	1039.72	1710.69	10.0353	5.68489	237.998	-0.010313
2.10415	81.0822	96.1161	1034.01	1754.4	9.99042	5.68906	235.038	-0.010313
2.10515	81.3356	96.39	1031.5	1918.16	10.1048	5.68687	232.373	-0.012188
2.10615	81.3356	95.8421	1087.29	2022.37	10.1372	5.68719	230.202	-0.01125
2.10715	81.8091	95.4312	1106.43	2039.3	10.1188	5.68219	230.486	-0.010313
2.10815	81.8091	95.8421	1044.75	1894.37	10.1412	5.68344	232.887	-0.009375
2.10915	81.1989	96.39	1047.81	1827.86	10.2921	5.68219	235.186	-0.01375
2.11015	81.3356	95.8421	1075.82	1931.88	10.2431	5.67989	237.061	-0.012813
2.11115	81.0822	95.9791	1077.53	1981.67	10.1942	5.67719	238.294	-0.010313
2.11215	81.0822	96.2531	1059.71	2037.67	10.2839	5.68156	238.294	-0.009688
2.11315	81.3356	95.5881	1086.45	2058.43	10.4143	5.67989	238.788	-0.011563
2.11415	81.1989	96.2531	1052.52	2050.1	10.394	5.67989	239.479	-0.01125
2.11515	81.4724	95.8421	1013.23	2038.76	10.3817	5.67719	240.12	-0.011875
2.11615	81.1989	96.39	1018.48	2007.62	10.3613	5.67781	240.712	-0.009688
2.11715	81.1989	96.1161	1043.72	2000.52	10.3124	5.67489	240.683	-0.012813
2.11815	80.7888	95.9791	1050.12	1998.81	10.2839	5.66781	240.88	-0.01125
2.11915	81.3356	96.1161	1043.38	1975.11	10.3247	5.63989	240.712	-0.008125
2.12015	81.0822	96.1161	1032.64	1948.98	10.3532	5.62281	240.486	-0.012813
2.12115	81.3356	96.39	1026.02	1958.81	10.2876	5.60719	240.318	-0.012188
2.12215	81.0822	96.2531	1030.93	1979.21	10.2024	5.63406	240.387	-0.010313
2.12315	81.3356	96.39	1039.95	1998.88	10.2065	5.69594	239.528	-0.010838
2.12415	81.3356	96.5881	1049.32	2020.8	10.1942	5.68594	239.874	-0.010313
2.12515	81.4724	96.39	1059.26	2017.46	10.1331	5.68344	240.17	-0.011563
2.12615	81.1989	96.39	1056.63	2008.71	10.0801	5.67989	241.453	-0.011563
2.12715	81.1989	96.1161	1048.29	2010.35	9.99042	5.67687	242.687	-0.012188
2.12815	81.1989	96.39	1048.41	2010.9	9.9089	5.68156	243.525	-0.013125
2.12915	81.1989	96.2531	1051.6	2014.72	9.83553	5.68084	243.92	-0.010838
2.13015	81.1989	96.39	1052.06	2020.19	9.81515	5.67781	243.821	-0.009688
2.13115	81.3356	96.1161	1050.46	2014.04	9.70102	5.67406	242.834	-0.011563

2.13215	81.0622	96.527	1047.03	2031.8	9.81135	5.67844	241.65	-0.012813
2.13315	81.0622	96.39	1052.29	2088.36	9.5339	5.67719	240.318	-0.010838
2.13415	81.3356	96.1161	1057.77	2062.8	9.46869	5.67781	238.294	-0.012188
2.13515	80.7888	96.527	1050.69	2064.17	9.4167	5.67469	237.505	-0.011663
2.13615	81.4724	95.8421	1052.52	2031.11	9.3301	5.67375	237.308	-0.011569
2.13715	80.2419	96.1161	1054.12	1998.02	9.27304	5.67281	237.801	-0.011875
2.13815	81.3356	96.664	1048.41	1973.07	9.12222	5.67687	238.097	-0.012813
2.13915	81.3356	96.838	1046.35	1947.8	8.94695	5.67531	238.591	-0.010625
2.14015	81.3356	96.39	1046.01	1835.78	8.97956	5.67969	238.739	-0.010313
2.14115	81.0622	96.39	1046.35	1860.09	8.98364	5.67969	237.998	-0.0075
2.14215	81.3356	95.7051	1047.72	1990.69	9.01217	5.67844	237.554	-0.01375
2.14315	80.7888	96.39	1049.66	1999.97	9.09777	5.67869	237.308	-0.012813
2.14415	81.0622	96.664	1046.12	2004.89	9.1426	5.68344	237.505	-0.010838
2.14515	81.1989	96.2531	1049.78	1995.33	9.23228	5.68344	237.702	-0.01375
2.14615	81.0622	95.8421	1051.95	1991.78	9.23228	5.68469	239.38	-0.010838
2.14715	81.0622	96.527	1058.51	2005.71	9.19558	5.67969	241.058	-0.010625
2.14815	81.0622	95.9791	1061.2	2011.86	9.28934	5.68406	242.587	-0.011563
2.14915	81.1989	96.39	1062.57	2018	9.28998	5.68406	243.772	-0.010313
2.15015	81.3356	96.1161	1061.65	2020.73	9.28119	5.68469	244.068	-0.012188
2.15115	81.1989	95.8421	1058.23	2010.9	9.34233	5.68187	244.168	-0.01125
2.15215	81.3356	96.1161	1056.17	2021.83	9.35456	5.68969	243.525	-0.011583
2.15315	81.3356	95.9791	1062.57	2068.81	9.3301	5.63969	243.032	-0.010838
2.15415	81.0622	95.5881	1072.16	2071	9.29342	5.62125	243.032	-0.011583
2.15515	81.1989	96.1161	1068.39	2086.02	9.37086	5.63531	243.673	-0.010313
2.15615	80.7888	96.1161	1067.59	2089.83	9.35048	5.68906	243.82	-0.010313
2.15715	81.0622	96.2531	1065.85	2042.31	9.25673	5.68344	244.907	-0.010313
2.15815	81.3356	95.9791	1059.83	2020.73	9.28934	5.67969	245.499	-0.011563
2.15915	80.9255	95.8421	1059.71	1991.23	9.3301	5.67806	245.894	-0.010838
2.16015	81.3356	96.664	1059.37	1968.83	9.25673	5.67844	245.4	-0.012813
2.16115	81.0622	96.39	1058.17	1977.3	9.28486	5.67644	244.512	-0.010825
2.16215	80.6521	96.1161	1058.8	2008.09	9.25673	5.68156	243.18	-0.012813
2.16315	81.3356	96.1161	1062.91	2013.36	9.16706	5.67806	242.242	-0.008375
2.16415	81.3356	96.664	1057.09	2023.46	9.08961	5.67584	241.156	-0.015313
2.16515	80.5153	96.1161	1058.91	2016.64	9.11815	5.67375	240.782	-0.0125
2.16615	81.3356	96.4312	1062.8	2008.17	9.0407	5.67344	241.749	-0.012813
2.16715	81.6091	96.39	1063.94	2012.95	8.99588	5.67219	242.143	-0.013125
2.16815	80.9255	96.39	1068.96	2012.54	8.98771	5.67906	243.032	-0.010825
2.16915	81.0622	96.527	1070.11	1978.49	8.93085	5.67406	243.377	-0.010313
2.17015	81.3356	96.4312	1057.54	1797.28	8.83282	5.67656	242.736	-0.009063
2.17115	80.9255	96.664	999.863	1782.4	8.67793	5.67781	241.502	-0.010938
2.17215	81.1989	96.39	1029.67	1768.5	8.63309	5.67719	239.084	-0.010838
2.17315	81.6091	96.39	1053.86	1791.88	8.65347	5.67812	235.729	-0.012188
2.17415	81.1989	95.9791	1045.89	1924.31	8.74315	5.67625	232.867	-0.010838
2.17515	81.0622	96.2531	1084.27	2084.65	8.73082	5.67906	230.745	-0.012813
2.17615	80.7888	95.8421	1126.42	2085.47	8.71869	5.68469	230.498	-0.011875
2.17715	81.1989	96.527	1075.13	2029.47	8.86135	5.68437	233.804	-0.011563
2.17815	81.3356	96.2531	1048.18	1955.17	8.84097	5.68406	237.11	-0.012188
2.17915	81.6091	96.1161	1081.07	1916.38	8.77576	5.68437	239.725	-0.012188
2.18015	80.9255	96.39	1099.12	1957.63	8.89396	5.68219	241.551	-0.01125
2.18115	81.4724	96.1161	1093.41	1989.59	8.86543	5.68937	242.736	-0.010838
2.18215	80.2419	96.1161	1082.44	2010.08	8.71869	5.68666	243.87	-0.011563
2.18315	81.1989	96.1161	1078.1	2001.34	8.95103	5.68719	244.956	-0.012188

2.18416	81.3358	96.1161	1048.75	2006.53	8.83282	5.67781	245.894	-0.012188
2.18516	81.1989	95.5881	1041.1	2010.35	8.7513	5.65438	248.535	-0.012188
2.18616	80.2419	96.1161	1068.28	2021.28	8.85728	5.63219	248.782	-0.013438
2.18716	81.0822	95.9791	1089.07	2048.87	8.78391	5.61937	247.799	-0.010638
2.18816	81.1989	95.8421	1085.87	2049.01	8.7513	5.68219	248.558	-0.008438
2.18916	80.9255	95.4312	1076.5	2029.34	8.71054	5.69438	247.917	-0.011563
2.19016	81.3358	96.938	1088.96	2015	8.68978	5.68489	247.769	-0.010313
2.19116	81.6091	96.1161	1071.02	2002.7	8.76353	5.69031	248.436	-0.012188
2.19216	80.9255	96.1161	1077.19	2005.98	8.68978	5.68719	245.005	-0.010313
2.19316	80.7888	96.2531	1085.41	2062.8	8.60456	5.68781	243.525	-0.010313
2.19416	81.1989	95.8421	1103	2087.11	8.68163	5.68531	242.489	-0.011563
2.19516	81.3358	96.39	1100.49	2095.99	8.57195	5.68489	242.489	-0.010625
2.19616	81.3358	96.39	1085.41	2085.2	8.58011	5.68219	243.032	-0.010313
2.19716	80.9255	96.1161	1081.76	2050.76	8.59641	5.67856	243.377	-0.011875
2.19816	81.0822	95.8421	1081.76	2026.2	8.56157	5.67694	244.188	-0.012813
2.19916	81.1989	96.39	1081.3	2004.34	8.49858	5.67844	245.104	-0.013438
2.20016	80.7888	96.1161	1084.27	1977.3	8.53527	5.67781	244.315	-0.011563
2.20116	81.0822	96.39	1082.9	1961.18	8.42929	5.67969	243.525	-0.011563
2.20216	81.0822	95.5881	1079.93	1988.91	8.43337	5.67594	242.242	-0.010313
2.20316	81.0822	96.684	1081.76	2003.25	8.4782	5.67908	241.551	-0.011563
2.20416	80.7888	95.8421	1081.76	2018.82	8.34369	5.68156	240.564	-0.011563
2.20516	80.7888	96.1161	1084.16	2029.47	8.30293	5.68219	240.811	-0.010313
2.20616	80.9255	96.2531	1092.15	2022.65	8.31109	5.67969	241.058	-0.010313
2.20716	81.0822	96.1161	1095.46	2021.98	8.21326	5.68219	242.884	-0.012188
2.20816	80.5153	96.1161	1095.69	2025.65	8.10728	5.67844	243.87	-0.011875
2.20916	81.3358	95.5881	1099.12	2028.74	8.16435	5.68156	245.982	-0.011563
2.21016	81.0822	95.9791	1101.4	2033.85	8.09506	5.68156	246.88	-0.011875
2.21116	81.0822	96.39	1101.06	2035.21	8.09813	5.68887	246.584	-0.012188
2.21216	81.3358	95.9791	1098.89	2027.68	8.05837	5.68887	246.091	-0.010625
2.21316	80.9255	95.5881	1099.58	2060.62	7.97277	5.68719	245.746	-0.011563
2.21416	81.0822	96.1161	1108.26	2094.21	7.92794	5.68531	245.597	-0.012188
2.21516	80.7888	95.8421	1111	2102.14	7.87522	5.68719	245.982	-0.012813
2.21616	81.3358	96.2531	1104.03	2118.07	7.74451	5.67489	246.979	-0.012188
2.21716	81.0822	96.2531	1106.43	2092.85	7.68299	5.64906	248.065	-0.010938
2.21816	81.7458	95.9791	1103.89	2067.03	7.5937	5.62156	249.2	-0.010938
2.21916	81.1989	96.2531	1097.29	2040.4	7.64261	5.60406	249.348	-0.013125
2.22016	81.6091	95.9791	1096.26	2013.9	7.72413	5.61856	249.969	-0.011563
2.22116	81.4724	96.39	1097.06	1994.92	7.71598	5.68812	249.486	-0.011563
2.22216	81.8828	96.2531	1094.55	2016.91	7.76527	5.67156	248.706	-0.011563
2.22316	81.3358	95.9791	1098.86	2041.49	7.81381	5.68187	247.719	-0.011563
2.22416	81.3358	96.1161	1102.54	2045.32	7.78627	5.67969	248.387	-0.0125
2.22516	81.3358	96.39	1099.8	2058.52	7.84842	5.68156	245.992	-0.010313
2.22616	81.3358	96.684	1103.89	2045.32	7.82196	5.67844	245.597	-0.011563
2.22716	81.3358	96.1161	1107.11	2037.67	7.83826	5.67812	245.894	-0.010938
2.22816	81.3358	96.2531	1108.14	2044.5	7.85457	5.67489	246.584	-0.012188
2.22916	81.6091	95.5881	1111	2043	7.85884	5.67937	246.979	-0.011875
2.23016	81.3358	96.1161	1112.82	2044.23	7.78935	5.67489	246.979	-0.011563
2.23116	81.3358	95.9791	1112.82	2046.88	7.82196	5.67687	246.883	-0.014063
2.23216	81.6091	95.9791	1111.88	2039.72	7.79343	5.67281	246.979	-0.012813
2.23316	81.0822	96.2531	1110.43	2055.43	7.80585	5.67344	245.992	-0.010938
2.23416	81.6091	95.8421	1116.14	2108.42	7.85457	5.67406	245.104	-0.012813
2.23516	81.4724	95.9791	1125.16	2114.57	7.76897	5.67719	245.005	-0.011563

2.23616	81.3356	96.2531	1117.16	2124.81	7.76674	5.67719	245.104	-0.010625
2.23716	81.3356	96.1161	1114.42	2085.44	7.74044	5.67406	245.894	-0.013125
2.23816	81.3356	96.664	1114.19	2059.52	7.67522	5.67156	246.634	-0.010938
2.23916	81.6091	96.2531	1110.08	2032.62	7.67114	5.67469	247.473	-0.010625
2.24016	81.3356	96.39	1109.63	2007.89	7.68337	5.67469	248.163	-0.012188
2.24116	81.4724	96.39	1113.62	1991.78	7.5937	5.67594	248.065	-0.010313
2.24216	81.6091	96.2531	1113.74	2005.96	7.61	5.67781	247.917	-0.010625
2.24316	81.1989	96.527	1114.19	2044.09	7.52848	5.67969	248.065	-0.012188
2.24416	81.3356	96.2531	1117.74	2055.7	7.48327	5.67969	247.423	-0.010313
2.24516	81.0622	96.527	1116.94	2066.62	7.52033	5.68156	247.177	-0.010938
2.24616	81.8826	95.9791	1119.22	2060.34	7.39605	5.67719	247.374	-0.011563
2.24716	81.4724	95.9791	1122.65	2048.6	7.36544	5.67469	248.262	-0.011563
2.24816	81.3356	96.1161	1126.19	2056.24	7.35729	5.67281	249.446	-0.01125
2.24916	81.6091	95.2942	1130.64	2060.07	7.24723	5.65469	250.433	-0.012813
2.25016	81.7458	96.1161	1129.73	2062.8	7.26392	5.63156	251.223	-0.010938
2.25116	80.9255	96.1161	1128.36	2082.53	7.22278	5.61469	251.173	-0.010625
2.25216	81.1989	96.1161	1126.07	2058.43	7.16979	5.60406	250.631	-0.010313
2.25316	81.3356	96.2531	1123.79	2055.15	7.12088	5.66656	249.594	-0.013438
2.25416	81.6091	96.1161	1126.87	2106.23	7.03528	5.68844	248.756	-0.011563
2.25516	81.0622	95.4312	1135.67	2114.97	7.05974	5.68156	247.473	-0.010938
2.25616	81.3356	96.39	1132.24	2125.63	7.03936	5.68094	247.473	-0.010938
2.25716	81.0622	96.1161	1126.53	2115.79	7.0149	5.67719	248.065	-0.01125
2.25816	81.3356	95.8421	1127.9	2081.65	7.08012	5.67719	248.953	-0.01125
2.25916	81.1989	96.1161	1123.22	2060.07	7.10457	5.67656	250.039	-0.010938
2.26016	81.4724	96.664	1122.3	2040.4	7.14941	5.67625	250.976	-0.011563
2.26116	81.3356	96.1161	1126.99	2023.19	7.19017	5.67438	251.42	-0.011675
2.26216	81.8826	96.1161	1126.99	2018.91	7.21463	5.67562	251.42	-0.011563
2.26316	81.4724	96.39	1126.99	2051.6	7.26761	5.67531	250.532	-0.010313
2.26416	81.3356	96.39	1129.5	2057.75	7.24316	5.67625	249.644	-0.013438
2.26516	81.3356	96.39	1129.61	2062.8	7.3206	5.67469	249.002	-0.011563
2.26616	81.3356	96.527	1126.59	1992.87	7.37767	5.67906	247.968	-0.012188
2.26716	82.1581	96.1161	1110.54	1812.58	7.36174	5.68219	246.509	-0.01125
2.26816	81.3356	96.664	1071.71	1855.47	7.41435	5.67969	246.854	-0.010313
2.26916	81.3356	96.39	1124.7	1795.37	7.47549	5.67781	247.818	-0.012188
2.27016	81.3356	96.2531	1126.99	1826.79	7.4918	5.6825	246.19	-0.011563
2.27116	81.8826	96.1161	1116.71	2005.71	7.52033	5.67969	244.117	-0.010938
2.27216	81.6091	95.8421	1170.62	2086.29	7.55294	5.67969	241.058	-0.010313
2.27316	81.8826	96.1161	1177.7	2070.18	7.52033	5.67969	239.775	-0.010313
2.27416	81.3356	96.39	1116.37	2055.43	7.62631	5.68344	241.006	-0.005313
2.27516	81.6091	95.8421	1133.27	2018.41	7.5937	5.68219	242.736	-0.013125
2.27616	81.3356	96.39	1171.76	2027.84	7.62631	5.68313	244.66	-0.010313
2.27716	81.1989	96.664	1174.84	2090.12	7.67522	5.68219	245.894	-0.01375
2.27816	81.1989	96.1161	1165.82	2090.66	7.64261	5.68344	247.818	-0.010313
2.27916	81.6091	95.5681	1155.31	2062.53	7.67522	5.68719	249.594	-0.011563
2.28016	81.6091	96.1161	1139.21	2049.14	7.69152	5.68687	250.877	-0.011563
2.28116	81.0622	95.5681	1115.79	2018.55	7.65078	5.67156	251.568	-0.012188
2.28216	81.3356	96.664	1118.88	2007.07	7.67522	5.65219	251.124	-0.013125
2.28316	81.4724	96.39	1146.4	2040.67	7.70763	5.63188	250.285	-0.011563
2.28416	81.6091	95.9791	1154.29	2056.02	7.65078	5.61969	248.904	-0.010313
2.28516	81.7458	96.1161	1141.64	2047.78	7.68337	5.67719	248.163	-0.009063
2.28616	81.4724	96.39	1126.7	2045.32	7.67522	5.69281	247.67	-0.011563
2.28716	81.8826	95.8421	1126.36	2043.13	7.61816	5.68469	248.756	-0.010313

2.28818	80.7888	98.2531	1138.81	2058.24	7.62631	5.88558	249.883	-0.010938
2.28918	80.9255	95.9791	1145.72	2068.84	7.60683	5.88594	250.828	-0.011583
2.29018	81.3358	96.527	1155.54	2069.57	7.5774	5.88887	251.815	-0.011583
2.29118	81.4724	95.8421	1160.8	2081.65	7.55294	5.88281	252.012	-0.009083
2.29217	81.4724	96.527	1151.66	2070.88	7.58962	5.88219	251.667	-0.009688
2.29317	81.3358	96.1161	1142.75	2050.29	7.53863	5.88344	250.976	-0.011583
2.29417	81.0622	96.1161	1141.95	2081.16	7.45919	5.88084	249.644	-0.012813
2.29517	81.6091	95.9791	1163.03	2118.53	7.4062	5.88219	249.608	-0.011583
2.29617	81.4724	96.2531	1163.54	2124.54	7.35729	5.88084	247.966	-0.007813
2.29717	81.6091	95.5881	1154.86	2137.1	7.30022	5.87937	247.966	-0.014888
2.29817	81.8828	96.39	1149.83	2112.52	7.35321	5.87906	248.854	-0.011583
2.29917	81.8828	96.1161	1148.29	2076.1	7.27884	5.87719	249.989	-0.01125
2.30017	81.3358	96.39	1140.12	2055.43	7.22685	5.87719	250.335	-0.012188
2.30117	81.6091	95.9791	1141.61	2030.7	6.91707	5.88313	250.631	-0.010313
2.30217	81.8828	95.9791	1147.43	2007.48	6.87831	5.87937	250.532	-0.012813
2.30317	81.6091	96.2531	1148.48	2016.91	6.80702	5.87937	249.893	-0.010938
2.30417	81.3358	96.684	1150.97	2045.32	6.74998	5.87887	249.249	-0.012188
2.30517	81.3358	96.684	1152.23	2053.92	6.79479	5.87719	248.657	-0.011583
2.30617	81.4724	96.2531	1150.74	2067.09	6.64398	5.88219	248.657	-0.012813
2.30717	81.8828	95.9791	1153.03	2067.17	6.61952	5.88406	248.854	-0.00875
2.30817	81.6091	95.8421	1158.28	2062.8	6.70512	5.88594	249.84	-0.012813
2.30917	81.6091	96.1161	1159.08	2071.54	6.70512	5.88489	251.321	-0.012188
2.31017	81.6091	96.39	1163.54	2071.27	6.69086	5.88281	251.914	-0.010938
2.31117	81.8828	96.1161	1168.28	2068.26	6.63583	5.88594	252.358	-0.010938
2.31217	81.3358	95.5881	1165.82	2071.54	6.57876	5.88437	252.012	-0.012188
2.31317	81.7458	96.1161	1163.77	2065.53	6.6238	5.88489	251.42	-0.011583
2.31417	81.8828	96.2531	1162.85	2060.82	6.70512	5.84656	250.631	-0.012188
2.31517	81.6091	96.684	1163.31	2118.53	6.64398	5.82781	249.94	-0.011583
2.31617	81.7458	96.39	1170.16	2123.44	6.66436	5.83219	248.854	-0.011583
2.31717	81.6091	96.39	1162.17	2097.08	6.64805	5.89988	246.663	-0.010938
2.31817	82.4295	96.39	1149.83	2052.97	6.64805	5.88719	243.989	-0.008063
2.31917	81.3358	96.1161	1150.29	1975.39	6.68843	5.88719	241.158	-0.0125
2.32017	81.7458	95.8421	1144.58	1927.72	6.68289	5.88489	238.775	-0.012813
2.32117	81.8828	96.39	1141.38	1894.53	6.66436	5.88531	238.889	-0.010313
2.32217	81.8828	96.2531	1147.32	1868.58	6.64805	5.88344	237.209	-0.011583
2.32317	81.3358	96.39	1148.69	1861.81	6.64805	5.88489	236.025	-0.011583
2.32417	81.0622	96.39	1148.46	1901.91	6.61952	5.88219	234.939	-0.011875
2.32517	81.4724	96.1161	1153.94	1935.92	6.66436	5.88489	236.222	-0.01125
2.32617	81.3358	96.1161	1158.77	1976.48	6.61545	5.88344	238.38	-0.011875
2.32717	81.8828	96.1161	1167.42	2019.09	6.58914	5.88219	243.377	-0.010938
2.32817	81.6091	96.39	1175.42	2037.53	6.59099	5.87844	247.423	-0.011875
2.32917	81.6091	96.1161	1179.41	2052.97	6.51354	5.87844	249.94	-0.009083
2.33017	82.2828	96.1161	1181.36	2068.43	6.55023	5.87582	251.716	-0.011875
2.33117	81.1989	96.39	1161.36	2041.9	6.57468	5.87989	252.999	-0.011583
2.33217	81.3358	95.5881	1177.36	2035.76	6.51762	5.87989	252.21	-0.011583
2.33317	81.6091	96.1161	1174.05	2028.47	6.53392	5.88219	251.815	-0.010938
2.33417	81.3358	95.9791	1170.85	2018	6.50132	5.88344	250.532	-0.011583
2.33517	81.6091	96.39	1168.91	2065.53	6.4361	5.88906	248.657	-0.013125
2.33617	81.7458	95.4312	1173.13	2105.89	6.42795	5.88989	247.87	-0.010313
2.33717	81.6091	95.8421	1173.82	2104.32	6.38719	5.89082	248.239	-0.011875
2.33817	81.8828	96.1161	1182.85	2074.82	6.34843	5.88844	244.709	-0.013125
2.33917	81.6091	95.5881	1180.88	2011.17	6.3505	5.89082	242.538	-0.010825

2.34017	81.8826	96.1161	1159.43	1945.89	6.28528	5.68889	239.972	-0.008875
2.34117	81.7458	96.2531	1153.6	1904.08	6.27308	5.69489	237.998	-0.01125
2.34217	81.6091	96.39	1156.68	1868.03	6.2323	5.69281	238.518	-0.011583
2.34317	80.7888	96.1161	1158.51	1850.55	6.17523	5.69658	234.84	-0.010938
2.34417	81.6091	95.5881	1157.37	1876.78	6.14262	5.67719	232.788	-0.011583
2.34517	81.6091	96.527	1162.97	1893.71	6.09371	5.65531	230.488	-0.012188
2.34617	81.4724	96.1161	1167.19	1903.65	6.02848	5.63469	228.524	-0.013438
2.34717	81.3356	96.39	1170.39	1903.14	6.02442	5.61969	227.241	-0.011583
2.34817	81.7458	96.1161	1174.5	1894.58	5.95105	5.68908	226.945	-0.010313
2.34917	82.2928	96.2531	1177.7	1883.6	5.90213	5.69989	227.587	-0.011875
2.35017	81.6091	96.39	1179.98	1914.61	5.88175	5.68908	231.09	-0.012188
2.35117	81.8826	96.1161	1183.87	1950.53	5.77578	5.69219	236.561	-0.010938
2.35217	81.0622	96.1161	1182.95	1989.05	5.8861	5.68858	239.577	-0.011583
2.35317	81.3356	96.1161	1178.61	2007.07	5.8898	5.68875	242.686	-0.011583
2.35417	81.7458	95.9791	1173.93	1995.74	5.70241	5.68844	243.229	-0.009688
2.35517	81.4724	96.1161	1170.96	2009.26	5.66165	5.69187	243.032	-0.012188
2.35617	81.7458	96.1161	1173.36	1928.95	5.58828	5.68781	242.736	-0.010313
2.35717	81.6091	96.527	1167.6	1925.01	5.64534	5.69094	242.736	-0.010938
2.35817	82.2928	96.39	1138.41	1938.81	5.61273	5.68812	242.341	-0.010313
2.35917	81.6091	96.684	1166.62	1787.24	5.4988	5.68687	241.058	-0.011875
2.36017	81.6091	96.9791	1156.11	1798.38	5.61273	5.67969	239.281	-0.012813
2.36117	81.4724	96.8421	1151.09	1959.54	5.75947	5.68219	237.209	-0.013125
2.36217	81.4724	96.1161	1194.15	2008.17	5.74317	5.68219	235.432	-0.010938
2.36317	81.6091	95.8421	1187.98	1980.41	5.67796	5.68656	234.446	-0.015313
2.36417	82.2928	96.2531	1147.55	1953.28	5.70241	5.68808	236.334	-0.013125
2.36517	81.6091	95.7051	1169.48	1902.45	5.80839	5.68969	236.419	-0.010625
2.36617	81.8826	95.9791	1191.86	1921.85	5.72888	5.68719	236.617	-0.012188
2.36717	81.3356	96.1161	1192.09	1971.58	5.74317	5.68989	238.913	-0.014083
2.36817	81.3356	96.1161	1188.12	1871.97	5.80839	5.68658	237.998	-0.010938
2.36917	81.4724	95.5881	1187.07	1968.83	5.788	5.69219	239.281	-0.011583
2.37017	81.7458	96.39	1179.76	1978.39	5.75847	5.68837	241.107	-0.010938
2.37117	81.3356	96.1161	1165.71	1978.53	5.81246	5.69082	241.749	-0.010825
2.37217	81.3356	96.884	1171.42	1991.23	5.78393	5.68989	241.749	-0.012188
2.37317	81.7458	96.39	1188.89	2000.52	5.80431	5.69219	240.91	-0.011583
2.37417	81.3356	96.2531	1184.78	1984.13	5.788	5.69344	239.577	-0.01125
2.37517	81.6091	95.5881	1171.53	1997.24	5.78762	5.68313	238.985	-0.010938
2.37617	82.2928	96.2531	1169.48	2026.2	5.77578	5.65812	237.801	-0.012813
2.37717	80.9255	96.39	1170.85	2032.62	5.73084	5.63937	237.702	-0.010938
2.37817	81.6091	95.9791	1168.22	2058.43	5.78393	5.61908	238.294	-0.011583
2.37917	81.6091	95.9791	1171.53	2050.23	5.76355	5.63781	239.38	-0.012813
2.38017	81.6091	96.527	1174.73	2033.98	5.80839	5.70094	241.453	-0.010938
2.38117	82.4295	96.1161	1174.84	2015.95	5.7554	5.68281	243.229	-0.011583
2.38217	81.7458	96.1161	1169.48	1987.13	5.75132	5.68594	244.709	-0.012813
2.38317	81.8826	96.2531	1166.62	1968.29	5.7717	5.68531	245.301	-0.011583
2.38417	81.8826	95.9791	1169.48	1991.5	5.72888	5.68594	245.499	-0.011583
2.38517	81.1989	96.527	1177.24	2016.84	5.70848	5.68437	244.709	-0.011875
2.38617	81.3356	96.2531	1179.78	2025.38	5.67795	5.68406	244.018	-0.009688
2.38717	81.8826	96.1161	1178.61	2032.07	5.67795	5.68489	243.92	-0.010313
2.38817	81.8826	96.39	1178.16	2017.46	5.72888	5.68344	243.18	-0.010313
2.38917	81.6091	95.5881	1177.47	2013.63	5.68572	5.68658	243.624	-0.010825
2.39017	81.8826	96.39	1176.56	2025.38	5.65757	5.67969	243.525	-0.010938
2.39117	81.6091	96.864	1179.76	2022.37	5.67795	5.68219	244.088	-0.010313

2.39217	82.0193	96.39	1183.41	2023.19	5.57197	5.67908	243.229	-0.01125
2.39317	82.4295	96.1181	1184.1	2019.84	5.54344	5.68281	242.538	-0.010938
2.39417	82.0193	95.5881	1181.81	2004.21	5.50288	5.67989	241.058	-0.011563
2.39517	81.8826	96.39	1181.13	2027.84	5.4998	5.68375	239.824	-0.010938
2.39617	81.8091	96.39	1185.01	2074.82	5.50288	5.68344	238.739	-0.012813
2.39717	81.7458	96.1181	1186.84	2081.92	5.41301	5.68594	238.591	-0.012188
2.39817	82.4295	96.2531	1180.78	2082.3	5.3804	5.68656	238.725	-0.011683
2.39917	81.8091	95.9791	1180.44	2064.88	5.38448	5.68687	240.782	-0.013125
2.40017	81.7458	95.7051	1179.76	2034.84	5.2785	5.68531	242.143	-0.014888
2.40117	81.8826	95.5881	1178.79	2015.27	5.27035	5.68875	243.722	-0.011875
2.40217	81.8091	96.2531	1177.7	1991.84	5.28219	5.68908	244.709	-0.010625
2.40317	82.0193	96.1181	1179.18	1979.08	5.1928	5.69187	245.252	-0.010625
2.40417	81.8091	95.5881	1178.61	2001.81	5.1768	5.69281	245.104	-0.011563
2.40517	81.8091	95.5881	1179.3	2027.7	5.17252	5.69489	244.66	-0.01
2.40617	81.8826	96.1181	1178.61	2035.48	5.13584	5.69158	244.218	-0.011563
2.40717	81.4724	96.2531	1178.58	2043.13	5.091	5.68908	243.032	-0.014378
2.40817	81.8826	95.8421	1179.3	2035.48	5.13176	5.64719	243.525	-0.012188
2.40917	81.8826	96.39	1181.36	2030.98	5.091	5.62969	244.907	-0.009688
2.41017	81.7458	95.9791	1181.83	2038.76	4.9198	5.63812	244.907	-0.011563
2.41117	81.1988	96.1181	1183.84	2037.4	4.9198	5.71062	245.587	-0.012813
2.41217	81.8826	96.2531	1183.07	2037.53	4.91185	5.69219	245.898	-0.01125
2.41317	82.1561	96.527	1182.27	2027.84	4.95241	5.68844	244.512	-0.010313
2.41417	81.8826	96.864	1180.44	1995.06	4.91185	5.69219	241.354	-0.010938
2.41517	82.0193	95.5881	1179.3	1994.85	4.91185	5.69344	237.554	-0.010625
2.41617	81.7458	96.39	1183.41	2015.82	4.86682	5.68937	233.952	-0.01125
2.41717	81.8091	95.5881	1185.81	1992.87	4.85459	5.68989	232.077	-0.013125
2.41817	81.7458	96.864	1179.41	1998.81	4.75678	5.68958	231.584	-0.013438
2.41917	81.8826	95.9791	1181.81	1988.05	4.73231	5.68781	234.843	-0.011563
2.42017	82.0193	96.39	1183.3	1983.96	4.79752	5.68469	237.604	-0.011875
2.42117	81.8826	95.9791	1181.83	2018.91	4.78937	5.68469	239.577	-0.011875
2.42217	81.8826	96.2531	1182.27	2013.83	4.75878	5.68844	241.354	-0.011875
2.42317	81.8826	95.9791	1182.15	1995.6	4.78529	5.68719	241.85	-0.010313
2.42417	81.8826	96.864	1180.78	1995.74	4.75878	5.68719	241.551	-0.010625
2.42517	81.8826	96.1181	1182.04	2003.11	4.70785	5.68908	241.158	-0.010625
2.42617	81.3358	95.7051	1182.04	2000.52	4.70377	5.68781	240.782	-0.010938
2.42717	81.8826	96.1181	1182.27	2013.49	4.67116	5.68989	240.515	-0.010938
2.42817	81.8826	96.1181	1183.18	2018.09	4.63448	5.68887	241.158	-0.011563
2.42917	81.7458	95.9791	1182.27	2024.58	4.59372	5.68469	241.551	-0.012813
2.43017	81.8826	95.5881	1180.44	2045.32	4.61818	5.68719	242.982	-0.011563
2.43118	81.7458	96.39	1182.27	2046.68	4.56111	5.68937	244.117	-0.0125
2.43218	82.1561	96.2531	1182.73	2041.8	4.54481	5.68719	243.82	-0.012188
2.43318	81.8826	96.39	1180.78	2035.21	4.50405	5.68375	243.525	-0.012188
2.43418	81.7458	96.1181	1181.81	2018.91	4.46329	5.68989	242.439	-0.010313
2.43518	81.8826	96.1181	1181.81	2027.56	4.47859	5.69489	240.959	-0.012188
2.43618	81.3358	96.1181	1185.47	2081.24	4.48367	5.69489	240.071	-0.012188
2.43718	82.1561	96.1181	1190.28	2087.25	4.45513	5.68989	239.479	-0.012188
2.43818	81.8091	96.2531	1183.87	2104.87	4.43068	5.68594	239.972	-0.010313
2.43918	81.8826	96.39	1184.1	2083.29	4.45921	5.64594	240.418	-0.0125
2.44018	82.4295	96.39	1184.55	2051.33	4.38982	5.62489	240.712	-0.014378
2.44118	81.8826	96.2531	1182.73	2028.65	4.41845	5.65489	242.291	-0.010938
2.44218	82.0193	96.39	1184.78	1998.74	4.38176	5.70594	242.736	-0.012813
2.44318	81.8826	96.39	1186.72	1974.84	4.34916	5.69158	242.242	-0.010938

2.44418	81.3358	98.527	1184.55	1977.57	4.31655	5.89908	241.502	-0.010625
2.44518	82.1561	98.2531	1183.87	2003.8	4.28801	5.89908	240.782	-0.012188
2.44618	82.2928	98.39	1182.5	1895.08	4.31655	5.89812	239.972	-0.010938
2.44718	82.703	98.1161	1158.74	1831.43	4.27986	5.89844	239.577	-0.011583
2.44818	81.8826	98.1161	1154.86	1824.05	4.25541	5.89825	239.084	-0.009888
2.44918	82.4295	98.1161	1181.81	1775.98	4.19834	5.89406	237.85	-0.01375
2.45018	81.7458	95.5881	1172.33	1851.84	4.1535	5.89062	237.308	-0.010838
2.45118	82.5883	98.2531	1180.78	2022.1	4.1209	5.88868	235.383	-0.010825
2.45218	81.8826	98.39	1218.13	2046.88	4.1372	5.89094	233.658	-0.012813
2.45318	81.8826	95.7051	1193.23	2041.49	4.14943	5.88808	234.347	-0.011875
2.45418	81.8826	95.5881	1168.74	1884.13	4.14943	5.88812	235.383	-0.011583
2.45518	82.1561	98.527	1188.67	1942.88	4.1535	5.89156	236.419	-0.010313
2.45618	81.6091	95.8421	1203.08	2029.47	4.09844	5.89281	237.209	-0.012188
2.45718	81.8826	95.5881	1208.48	2088.08	4.10052	5.89281	237.801	-0.01125
2.45818	82.0193	98.1161	1194.38	2074	4.09844	5.89094	238.985	-0.011583
2.45918	81.6091	98.39	1198.38	2055.15	4.09838	5.88989	240.883	-0.0125
2.46018	82.1561	98.39	1177.7	2032.75	4.03122	5.88989	241.847	-0.010825
2.46118	82.0193	98.39	1164.11	2014.72	4.0353	5.88989	242.489	-0.012188
2.46218	82.1561	98.684	1179.07	2009.53	3.98193	5.89031	242.538	-0.014063
2.46318	82.2928	98.1161	1195.75	1988.84	3.99046	5.89469	242.242	-0.013125
2.46418	82.5883	98.2531	1191.08	1981.84	3.98801	5.89719	241.946	-0.011583
2.46518	82.8388	98.527	1181.36	2013.08	3.9334	5.89656	240.959	-0.012188
2.46618	81.8826	98.527	1178.5	2014.72	3.90894	5.89889	240.584	-0.012188
2.46718	82.2928	98.39	1179.07	2032.21	3.87633	5.89489	239.972	-0.012188
2.46818	82.0193	98.39	1188.38	2043.13	3.83557	5.88781	240.387	-0.011583
2.46918	82.1561	98.1161	1191.41	2044.77	3.81112	5.84594	240.91	-0.011875
2.47018	82.1561	98.39	1196.88	2048.87	3.78886	5.82719	242.538	-0.010938
2.47118	82.2928	98.2531	1198.32	2046.88	3.75813	5.61969	243.87	-0.010938
2.47218	81.8826	98.801	1188.44	2036.49	3.71329	5.69531	244.66	-0.011583
2.47318	82.1561	98.1161	1184.78	2043.13	3.70821	5.69489	244.709	-0.010913
2.47418	82.1561	98.1161	1185.01	2041.49	3.644	5.69312	243.989	-0.012813
2.47518	82.1561	98.39	1186.72	2044.23	3.62789	5.69489	243.722	-0.011583
2.47618	81.6091	95.4312	1188.67	2088.64	3.58288	5.69312	242.045	-0.012813
2.47718	82.0193	98.938	1192.32	2102.68	3.57878	5.69489	241.166	-0.010313
2.47818	81.8826	98.684	1185.35	2111.42	3.51764	5.69219	241.006	-0.011583
2.47918	81.8826	98.1161	1180.44	2095.58	3.52172	5.69406	241.305	-0.011583
2.48018	81.3358	98.2531	1179.87	2080.82	3.48318	5.68937	241.948	-0.010938
2.48118	82.1561	95.5881	1179.78	2035.88	3.45242	5.68989	242.538	-0.013125
2.48218	81.7458	95.4312	1182.27	2001.2	3.42797	5.69031	242.143	-0.010825
2.48318	81.8826	98.2531	1183.18	1948.89	3.38313	5.68989	239.874	-0.010938
2.48418	82.0193	98.527	1178.81	1916.11	3.36683	5.68989	237.702	-0.009888
2.48518	82.0193	98.527	1178.1	1921.3	3.33014	5.69125	234.892	-0.013125
2.48618	81.3358	95.9791	1182.5	1921.03	3.32199	5.6925	232.422	-0.010938
2.48718	81.8826	95.8421	1185.7	1938.51	3.30588	5.69062	230.942	-0.010938
2.48818	82.0193	98.1161	1189.48	1984.48	3.30976	5.69375	232.422	-0.010938
2.48918	81.3358	98.2531	1193.8	1982.76	3.26482	5.69219	235.038	-0.012188
2.49018	81.8826	95.5881	1195.08	2019.91	3.22416	5.69094	237.505	-0.010938
2.49118	82.1561	98.39	1195.83	2042.04	3.1834	5.69156	240.219	-0.009888
2.49218	81.8826	98.684	1195.08	2040.13	3.17117	5.69156	240.86	-0.010313
2.49318	82.4295	98.2531	1193.92	2031.93	3.14284	5.69187	240.959	-0.010825
2.49418	82.0193	98.39	1192.68	2011.17	3.12634	5.69582	241.158	-0.012188
2.49518	82.2928	98.1161	1190.04	2000.36	3.08373	5.69594	240.663	-0.007188

2.49618	82.1561	98.1161	1188.84	2051.87	3.07743	5.89719	240.17	-0.011583
2.49718	81.3356	98.1161	1192.78	2075.37	3.06112	5.89719	239.775	-0.010838
2.49818	82.4295	98.2531	1187.52	2103.23	3.01628	5.88219	239.876	-0.010838
2.49918	82.4295	98.39	1181.7	2106.51	3.02038	5.85719	240.268	-0.011875
2.50018	82.1561	98.1161	1182.5	2079.18	2.97562	5.83989	241.453	-0.013125
2.50118	81.8828	95.9791	1181.01	2053.24	2.95514	5.81889	242.193	-0.010938
2.50218	82.1561	98.684	1179.84	2023.33	2.93089	5.86781	242.736	-0.010838
2.50318	81.8828	95.8421	1182.73	1991.09	2.894	5.70489	242.439	-0.012188
2.50418	82.1561	98.1161	1183.53	1981.94	2.8777	5.89408	241.948	-0.013438
2.50518	82.1561	98.39	1184.1	2013.36	2.85324	5.89781	241.008	-0.01125
2.50618	82.0193	95.5881	1188.67	2026.2	2.83288	5.89656	240.268	-0.010825
2.50718	82.4295	98.39	1187.07	2044.09	2.80025	5.8925	239.577	-0.011583
2.50818	81.8828	98.2531	1189.68	2050.1	2.74728	5.89656	240.022	-0.011875
2.50918	82.2928	98.39	1192.78	2039.58	2.74728	5.89281	240.17	-0.010313
2.51018	82.0193	98.801	1193.23	2043	2.75542	5.89219	241.156	-0.011583
2.51118	81.8828	95.9791	1194.83	2045.18	2.71058	5.88844	242.143	-0.010825
2.51218	82.1561	98.684	1195.06	2039.04	2.68612	5.88975	242.341	-0.011875
2.51318	81.8091	98.2531	1194.15	2041.49	2.69835	5.88563	242.048	-0.010913
2.51418	81.8828	95.9791	1190.49	2036.44	2.68812	5.88719	241.156	-0.010838
2.51518	82.4295	95.9791	1189.12	2027.56	2.65759	5.88781	239.972	-0.011583
2.51618	82.1561	98.39	1188.09	2068.54	2.68882	5.89082	238.591	-0.011875
2.51718	82.0193	98.1161	1193.69	2086.54	2.66574	5.88989	237.458	-0.00875
2.51818	82.2928	98.1161	1190.15	2105.96	2.62091	5.89125	237.012	-0.012813
2.51918	82.0193	98.527	1185.01	2105.82	2.61883	5.88989	237.505	-0.012188
2.52018	82.2928	98.1161	1185.47	2070.45	2.6048	5.89312	238.294	-0.012188
2.52118	82.1561	98.39	1184.55	2040.81	2.59845	5.88989	239.183	-0.010313
2.52218	82.0193	98.39	1182.73	2014.72	2.66187	5.88468	239.577	-0.012188
2.52318	81.8091	98.39	1185.82	1988.59	2.63721	5.89489	239.824	-0.012813
2.52418	82.0193	98.2531	1186.38	1972.93	2.69428	5.88844	239.183	-0.010913
2.52518	82.0193	98.2531	1185.7	1999.84	2.61275	5.89844	238.294	-0.010825
2.52618	81.4724	98.1161	1187.98	2021.01	2.62488	5.70344	237.406	-0.010838
2.52718	82.2928	98.527	1187.75	2032.07	2.57199	5.88989	236.617	-0.011875
2.52818	82.1561	95.5881	1189.12	2039.85	2.55589	5.88812	236.321	-0.009975
2.52918	82.1561	98.801	1191.41	2029.2	2.51901	5.88156	236.419	-0.011875
2.53018	82.4295	95.8421	1193.23	2029.75	2.51901	5.84156	237.949	-0.011875
2.53118	82.1561	98.39	1194.49	2035.78	2.5027	5.82219	238.887	-0.011583
2.53218	82.0193	98.1161	1194.83	2028.79	2.46194	5.87781	239.479	-0.011583
2.53318	82.1561	98.39	1193.69	2032.75	2.47417	5.70158	239.577	-0.012813
2.53418	81.8828	95.5881	1191.41	2032.75	2.45379	5.89344	238.788	-0.011583
2.53518	82.0193	98.1161	1188.09	2013.63	2.42118	5.89682	238.294	-0.013125
2.53618	82.1561	98.684	1184.55	1907.1	2.39872	5.89694	237.752	-0.011583
2.53718	81.4724	98.1161	1188.58	1935.84	2.35189	5.89594	237.11	-0.0125
2.53818	82.1561	98.39	1184.78	1901.83	2.33968	5.89594	235.975	-0.011583
2.53918	81.7458	95.8421	1188.84	1898.9	2.27852	5.88989	234.544	-0.010825
2.54018	82.1561	98.2531	1178.56	1912.56	2.28829	5.88906	232.669	-0.011583
2.54118	81.8828	98.39	1184.1	1857.24	2.25406	5.88781	230.695	-0.010838
2.54218	82.703	98.2531	1183.41	1882.38	2.24591	5.89344	228.08	-0.010313
2.54318	82.4295	98.1161	1185.01	1890.02	2.22553	5.88989	226.254	-0.010313
2.54418	82.1561	95.5881	1190.04	1999.81	2.19292	5.89438	224.577	-0.01125
2.54518	81.8828	98.39	1206.71	2052.89	2.197	5.89082	223.787	-0.010938
2.54618	82.1561	98.1161	1203.97	2002.7	2.20515	5.88344	224.577	-0.01125
2.54718	82.2928	98.684	1180.44	1985.55	2.15624	5.89408	226.945	-0.012813

2.54818	82.2928	96.39	1186.38	1918.3	2.17254	5.69612	229.264	-0.012188
2.54918	81.8826	96.2531	1182.55	1946.3	2.14808	5.69531	231.682	-0.010938
2.55018	82.2928	96.1161	1191.41	1996.42	2.14808	5.69594	233.459	-0.011563
2.55118	82.1561	95.8421	1193.01	2010.35	2.08287	5.69719	235.383	-0.012813
2.55218	82.1561	95.9791	1191.98	2003.39	2.12363	5.69844	236.617	-0.01125
2.55318	82.2928	95.9791	1183.41	1999.43	2.14808	5.69856	236.617	-0.011563
2.55418	82.703	96.39	1179.53	1985.63	2.09917	5.69937	236.222	-0.013438
2.55518	82.1561	95.8421	1182.27	1984.88	2.08287	5.70219	234.791	-0.011875
2.55618	82.1561	96.2531	1189.81	2023.46	2.10732	5.69969	233.261	-0.010938
2.55718	81.8826	95.5681	1195.06	2057.34	2.07064	5.69969	232.077	-0.010938
2.55818	81.8826	95.4312	1191.41	2056.24	2.0095	5.68781	231.485	-0.012813
2.55918	82.4295	96.2531	1183.41	2083.89	2.04618	5.69869	232.274	-0.010313
2.56018	81.7458	96.2531	1182.73	2097.94	2.03395	5.64094	233.459	-0.011563
2.56118	82.1561	95.9791	1183.53	2022.51	1.96874	5.62875	234.692	-0.012188
2.56218	82.4295	96.39	1184.87	2013.08	1.98087	5.69875	235.235	-0.014375
2.56318	82.2928	96.1161	1188.87	1984.95	2.0095	5.69869	235.729	-0.010938
2.56418	82.1561	96.527	1188.21	1964.46	1.95243	5.70094	235.827	-0.011563
2.56518	82.4295	96.2531	1182.27	1971.84	1.90352	5.70156	234.968	-0.010938
2.56618	82.4295	96.39	1181.58	1986.24	1.87499	5.70219	232.274	-0.012813
2.56718	82.4295	96.1161	1181.81	1951.62	1.84646	5.69719	229.264	-0.010313
2.56818	82.1561	95.9791	1183.64	1939.74	1.88722	5.69937	226.156	-0.012188
2.56918	82.4295	96.39	1187.98	1906.55	1.78124	5.69594	224.676	-0.010938
2.57018	82.1561	96.39	1188.44	1907.37	1.78124	5.69469	224.676	-0.010313
2.57118	82.4295	96.1161	1188.87	1938.37	1.77309	5.68969	226.057	-0.011563
2.57218	82.2928	95.9791	1190.72	1971.02	1.71195	5.69094	226.031	-0.010938
2.57318	82.2928	95.9791	1190.49	2005.18	1.68749	5.68781	229.215	-0.010938
2.57418	82.2928	95.9791	1190.49	2010.35	1.73233	5.69062	229.708	-0.010625
2.57518	82.1561	96.527	1190.49	1969.32	1.67626	5.68156	226.82	-0.013125
2.57618	82.0193	95.8421	1190.49	2004.34	1.60697	5.68531	226.277	-0.011563
2.57718	81.8826	96.1161	1195.75	2027.84	1.68374	5.68656	227.961	-0.012188
2.57818	82.0193	96.2531	1194.16	2034.39	1.61222	5.69469	226.376	-0.010625
2.57918	82.0193	95.5681	1189.35	2048.6	1.49184	5.69344	229.018	-0.010938
2.58018	82.1561	95.9791	1189.58	2029.47	1.49184	5.69594	230.103	-0.01125
2.58118	81.8826	96.39	1187.18	2018.36	1.53687	5.69344	231.189	-0.012188
2.58218	81.8826	95.9791	1185.35	2002.7	1.48369	5.69656	232.57	-0.012188
2.58318	82.5683	96.39	1187.07	1975.39	1.4307	5.69656	233.163	-0.013438
2.58418	82.1561	96.801	1185.92	1957.91	1.41847	5.70156	233.113	-0.011875
2.58518	82.4295	96.1161	1183.87	1977.44	1.38984	5.70219	232.669	-0.013438
2.58618	81.7458	96.1161	1188.38	1993.96	1.37363	5.70344	231.88	-0.010938
2.58718	82.2928	96.2531	1188.84	2002.43	1.34102	5.69625	230.893	-0.012188
2.58818	82.2928	96.1161	1185.92	2012.27	1.35325	5.67406	230.794	-0.010938
2.58918	82.4295	95.9791	1187.75	2007.35	1.35733	5.64969	231.189	-0.011563
2.59018	82.8396	96.2531	1188.89	2012.27	1.40216	5.63469	232.274	-0.010313
2.59118	82.4295	96.1161	1187.75	2027.02	1.33287	5.63719	233.557	-0.010313
2.59218	82.4295	96.1161	1188.78	2027.56	1.3288	5.71344	234.199	-0.013438
2.59318	82.1561	96.39	1188.44	2026.74	1.31657	5.69719	234.742	-0.008375
2.59418	82.4295	96.2531	1188.61	2023.19	1.32472	5.70313	234.544	-0.010313
2.59518	82.4295	95.9791	1185.7	2007.35	1.32064	5.70156	233.064	-0.012188
2.59618	82.4295	96.2531	1185.92	2034.39	1.27173	5.70062	231.88	-0.014375
2.59718	82.4295	96.1161	1190.84	2075.91	1.25135	5.69906	231.288	-0.011563
2.59818	82.2928	96.1161	1192.21	2081.92	1.25135	5.70094	230.547	-0.012188
2.59918	82.0193	95.9791	1188.16	2091.21	1.19836	5.70094	231.041	-0.011563

2.60019	81.7458	98.1161	1188.61	2062.53	1.18813	5.69625	232.077	-0.012813
2.60119	81.8828	98.2531	1185.24	2032.75	1.17798	5.69281	232.867	-0.010938
2.60219	82.1581	98.684	1183.75	2010.35	1.11278	5.69408	234.051	-0.011563
2.60319	82.1581	98.527	1188.15	1981.67	1.12499	5.69094	234.248	-0.010313
2.60419	82.4295	96.39	1187.98	1981.18	1.08385	5.69094	233.705	-0.012813
2.60519	82.1581	98.2531	1188.09	1979.78	1.03124	5.69658	232.916	-0.011583
2.60619	82.1581	98.527	1189.35	2001.61	0.98233	5.69658	230.893	-0.011875
2.60719	81.3358	98.1161	1190.04	2011.72	0.988026	5.69469	230.202	-0.011583
2.60819	82.1581	98.527	1189.58	2022.37	0.94157	5.69969	229.708	-0.011875
2.60919	82.2928	98.1161	1191.86	2012.81	0.94157	5.69844	229.412	-0.011583
2.61019	82.0193	95.9791	1192.09	2008.71	0.908951	5.70094	230.301	-0.010313
2.61119	82.0193	98.1161	1191.41	2018.14	0.884505	5.69625	230.893	-0.012188
2.61219	82.1581	95.6881	1191.88	2014.72	0.872277	5.69908	231.485	-0.011875
2.61319	82.1581	98.2531	1191.29	2018.09	0.811138	5.69844	231.436	-0.011875
2.61419	82.2928	96.39	1189.58	2018.77	0.778527	5.69969	231.09	-0.010825
2.61519	82.0193	95.5881	1187.64	2004.88	0.762223	5.69969	230.103	-0.011583
2.61619	82.1581	98.684	1188.84	2027.84	0.741843	5.70158	228.771	-0.009083
2.61719	82.1581	98.2531	1190.38	2071.27	0.680702	5.68812	227.488	-0.013438
2.61819	82.2928	96.39	1191.18	2038.83	0.676626	5.68719	227.537	-0.012813
2.61919	82.2928	98.527	1177.7	1927.04	0.656248	5.64719	228.426	-0.01125
2.62019	82.1581	98.527	1188.51	1898.17	0.611409	5.62969	228.378	-0.010938
2.62119	82.4295	98.2531	1180.44	1828.97	0.607333	5.65469	228.327	-0.010313
2.62219	82.4295	98.527	1180.44	1804.8	0.5788	5.71375	227.182	-0.012813
2.62319	82.703	98.1161	1188.91	1780.89	0.582877	5.69781	225.909	-0.010313
2.62419	82.2928	96.684	1175.42	1743.74	0.51788	5.70219	223.787	-0.011875
2.62519	82.4295	98.1161	1178.61	1778.44	0.497279	5.69969	221.221	-0.010938
2.62619	82.4295	98.2531	1178.84	1888.03	0.609507	5.70219	218.754	-0.010938
2.62719	82.1581	95.8421	1191.75	2004.88	0.452443	5.69969	216.385	-0.011583
2.62819	82.703	98.1161	1207.83	2015.82	0.399454	5.69469	215.349	-0.011583
2.62919	82.1581	98.1161	1193.48	1977.03	0.387226	5.69582	217.718	-0.009888
2.63019	82.4295	98.1161	1183.18	1931.88	0.415758	5.69969	221.123	-0.012813
2.63119	82.8398	95.9791	1190.72	1920.48	0.348485	5.69531	223.688	-0.010938
2.63219	82.2928	98.1161	1194.15	1967.74	0.388845	5.69908	228.304	-0.010825
2.63319	82.703	95.9791	1192.32	1998.42	0.322009	5.69219	227.143	-0.013125
2.63419	82.4295	98.1161	1187.75	1975.39	0.305706	5.69781	227.044	-0.011583
2.63519	82.4295	98.527	1179.98	1938.78	0.2884	5.69908	224.971	-0.011583
2.63619	81.8828	95.5881	1169.48	1838.74	0.256792	5.69844	222.702	-0.012188
2.63719	82.1581	98.2531	1172.45	1951.35	0.218031	5.69719	220.086	-0.012813
2.63819	82.5883	98.1161	1178.61	1955.99	0.203803	5.69969	218.211	-0.010825
2.63919	82.1581	95.5881	1178.98	1967.47	0.13451	5.69312	217.619	-0.012188
2.64019	82.1581	98.684	1179.87	1952.99	0.150814	5.69837	219.395	-0.012188
2.64119	82.703	96.39	1178.84	1953.53	0.118208	5.69781	222.109	-0.011583
2.64219	82.1581	95.8421	1177.7	1955.83	0.089673	5.70313	223.392	-0.010313
2.64319	82.4295	98.1161	1181.36	1959.27	0.077445	5.70469	224.281	-0.010313
2.64419	82.4295	95.8421	1184.1	1948.07	0.044837	5.70469	223.935	-0.010313
2.64519	82.4295	95.9791	1188.72	1953.13	0.061141	5.70781	223.195	-0.011583
2.64619	82.9785	98.2531	1189.35	1953.28	-0.004078	5.70584	222.603	-0.011583
2.64719	82.2928	98.527	1187.75	1952.31	-0.004078	5.68531	221.813	-0.011583
2.64819	82.0193	98.2531	1185.24	1864.32	-0.004078	5.68469	221.271	-0.012813
2.64919	82.4295	95.4312	1185.81	1965.42	-0.004078	5.64658	221.419	-0.011875
2.65019	82.4295	95.9791	1185.12	1977.85	-0.036885	5.63582	221.32	-0.011875
2.65119	82.2928	95.4312	1185.01	1864.78	-0.024456	5.70781	222.405	-0.011875

2.65219	82.1561	96.1161	1185.82	1984.95	-0.028532	5.70719	222.948	-0.012813
2.65319	82.2828	96.2531	1183.87	1976.75	-0.028532	5.70219	222.159	-0.012188
2.65419	82.4295	96.1161	1180.78	1985.98	0.02038	5.70563	221.172	-0.011875
2.65519	81.7458	96.1161	1180.21	1949.98	-0.004078	5.70158	219.642	-0.010938
2.65619	82.8398	96.9791	1179.87	1985.22	-0.016304	5.70084	217.915	-0.010313
2.65719	82.4295	96.5681	1185.24	2024.15	-0.004078	5.70084	217.027	-0.010938
2.65819	82.8398	96.1161	1186.38	2028.93	-0.02038	5.70313	216.83	-0.010313
2.65919	82.2828	96.527	1181.58	2033.3	-0.038885	5.69719	217.274	-0.010313
2.66019	82.4295	96.1161	1182.73	2002.7	-0.004078	5.69888	218.409	-0.011875
2.66119	82.703	96.1161	1181.58	1974.3	-0.061141	5.68719	219.06	-0.014375
2.66219	82.1561	96.1161	1180.78	1953.59	-0.012228	5.69469	220.382	-0.010938
2.66319	82.2828	96.2531	1183.07	1924.99	-0.012228	5.69469	220.825	-0.01125
2.66419	82.8398	96.9791	1184.1	1906.55	-0.004078	5.69844	220.136	-0.010313
2.66519	82.2828	96.39	1182.27	1929.22	-0.016304	5.69781	219.06	-0.013125
2.66619	82.4295	96.1161	1183.84	1948.82	-0.008152	5.69812	217.984	-0.010938
2.66719	82.1561	96.884	1182.73	1961.73	0.040781	5.69908	216.978	-0.010938
2.66819	82.5883	96.527	1182.5	1971.97	-0.012228	5.69989	216.879	-0.012188
2.66919	82.8398	96.1161	1184.78	1983.81	-0.004078	5.70158	217.471	-0.010313
2.67019	82.8398	96.1161	1185.01	1984.48	-0.004078	5.70219	216.182	-0.010625
2.67119	82.4295	96.1161	1185.82	1973.75	-0.004078	5.70344	219.05	-0.010313
2.67219	82.703	96.2531	1186.49	1971.56	-0.012228	5.70858	220.086	-0.007188
2.67319	82.703	96.1161	1184.1	1973.75	-0.004078	5.70812	219.938	-0.011875
2.67419	82.4295	96.2531	1182.61	1970.88	-0.004078	5.71031	220.037	-0.012188
2.67519	82.4295	96.2531	1181.81	1957.83	-0.028532	5.70719	218.705	-0.010625
2.67619	82.4295	96.1161	1182.73	1998.15	-0.004078	5.69937	217.471	-0.010625
2.67719	82.4295	96.1161	1187.18	2027.29	-0.004078	5.67438	215.892	-0.012188
2.67819	82.4295	96.39	1186.38	2035.76	-0.004078	5.65719	215.645	-0.011875
2.67919	82.4295	96.8421	1181.58	2037.67	0.02038	5.64531	215.744	-0.010313
2.68019	82.5883	96.5681	1182.15	2003.25	-0.004078	5.71084	215.882	-0.011875
2.68119	82.703	96.1161	1180.67	1972.11	-0.012228	5.70719	216.978	-0.011875
2.68219	82.5883	96.2531	1178.84	1944.52	-0.004078	5.70844	217.175	-0.011583
2.68319	82.4295	96.527	1181.81	1913.24	-0.024458	5.70469	216.632	-0.012813
2.68419	82.4295	96.2531	1181.7	1998.9	-0.004078	5.70808	216.484	-0.012813
2.68519	82.2828	96.1161	1180.21	1927.58	-0.004078	5.70375	215.598	-0.010313
2.68619	82.4295	96.39	1181.38	1944.79	-0.004078	5.70781	213.671	-0.012813
2.68719	82.4295	96.8421	1180.21	1938.78	-0.004078	5.70969	212.833	-0.011583
2.68819	83.1139	96.2531	1178.16	1843.86	-0.004078	5.70658	211.895	-0.010938
2.68919	82.4295	96.2531	1169.48	1817.38	0.032609	5.70469	211.846	-0.01
2.69019	82.4295	96.1161	1178.16	1783.08	-0.012228	5.70408	211.352	-0.011875
2.69119	82.9785	96.527	1181.81	1773.25	-0.02038	5.69844	210.089	-0.010313
2.69219	82.703	96.1161	1174.6	1772.15	0.02038	5.70594	208.888	-0.012188
2.69319	82.4295	96.1161	1175.87	1783.82	-0.004078	5.70344	208.961	-0.011583
2.69419	82.4295	96.2531	1179.87	1771.06	0.02038	5.70781	204.345	-0.009375
2.69519	82.4295	96.2531	1177.13	1827.88	-0.008152	5.7075	201.385	-0.012813
2.69619	82.4295	96.1161	1185.24	1881.12	-0.004078	5.70781	199.804	-0.01125
2.69719	82.4295	96.1161	1204.54	1985.74	-0.004078	5.71084	197.831	-0.012813
2.69819	82.1561	96.1161	1187.52	1973.81	-0.004078	5.71084	198.917	-0.013125
2.69919	82.5883	96.9791	1175.07	1821.85	0.028532	5.70908	200.881	-0.012813
2.70019	82.4295	96.39	1182.73	1869.26	-0.008152	5.71281	203.21	-0.010938
2.70119	82.703	96.39	1182.5	1893.98	-0.004078	5.71281	204.839	-0.010625
2.70219	82.4295	96.884	1181.58	1901.09	-0.02038	5.71531	206.023	-0.011583
2.70319	82.2828	96.527	1179.53	1874.32	-0.016304	5.71312	205.875	-0.011583

2.70419	82.4295	96.527	1175.53	1839.35	-0.004078	5.70531	204.247	-0.011875
2.70519	82.703	96.1161	1166.51	1831.16	-0.004078	5.87969	202.273	-0.010625
2.70619	82.703	95.7051	1163.99	1815.59	-0.028532	5.86281	199.855	-0.011875
2.70719	82.4295	95.9791	1170.85	1821.05	-0.004078	5.84344	197.884	-0.012188
2.70819	82.1561	96.39	1177.13	1832.25	-0.004078	5.85837	196.401	-0.010313
2.7082	82.1561	95.5681	1176.22	1840.44	-0.004078	5.72531	197.19	-0.011875
2.7102	81.7458	96.2531	1175.64	1870.49	-0.004078	5.70658	199.115	-0.010313
2.7112	82.4295	96.884	1175.78	1900.81	-0.004078	5.70889	200.398	-0.012813
2.7122	82.703	96.39	1176.33	1911.88	-0.004078	5.71158	201.335	-0.011875
2.7132	82.4295	96.1161	1177.01	1911.19	0.02038	5.70837	200.891	-0.012188
2.7142	82.4295	95.7051	1176.33	1892.07	-0.004078	5.70969	200.052	-0.011563
2.7152	82.703	96.1161	1177.47	1870.22	-0.004078	5.70837	198.819	-0.011563
2.7162	82.2928	96.1161	1176.79	1917.48	-0.004078	5.70906	197.634	-0.009375
2.7172	82.4295	95.5681	1175.19	1830.04	-0.024456	5.70719	198.848	-0.014063
2.7182	82.703	96.527	1170.82	1954.83	0.024456	5.70987	198.648	-0.012188
2.7182	82.4295	95.5681	1165.82	1949.98	-0.004078	5.70489	198.302	-0.012188
2.7202	82.703	96.39	1166.16	1919.12	-0.004078	5.70344	198.008	-0.010938
2.7212	82.4295	96.2531	1165.36	1885.79	-0.004078	5.70313	198.351	-0.011875
2.7222	82.5663	96.527	1164.45	1848.84	-0.004078	5.70594	195.661	-0.011875
2.7232	82.5663	96.527	1165.82	1814.49	0.028532	5.70489	195.118	-0.010938
2.7242	83.26	96.1161	1164.45	1808.16	-0.004078	5.70844	193.391	-0.011563
2.7252	82.5663	96.2531	1165.82	1841.26	0.02038	5.70889	192.009	-0.010625
2.7262	82.4295	95.8421	1169.68	1850.01	-0.004078	5.70889	190.479	-0.011563
2.7272	83.26	96.39	1170.18	1868.31	-0.004078	5.70806	189.641	-0.009063
2.7282	82.2928	95.5681	1171.3	1868.31	-0.004078	5.70889	189.345	-0.014063
2.7292	82.4295	96.1161	1171.78	1861.07	-0.004078	5.71158	190.134	-0.012813
2.7302	82.703	96.2531	1170.28	1871.04	-0.004078	5.71219	191.022	-0.0125
2.7312	82.4295	96.1161	1169.48	1872.13	-0.004078	5.71219	191.812	-0.011563
2.7322	82.4295	96.1161	1168.11	1866.94	-0.008152	5.70806	191.61	-0.012813
2.7332	82.9785	96.39	1165.36	1866.53	-0.004078	5.69062	191.762	-0.011563
2.7342	82.4295	96.39	1163.08	1855.2	0.02038	5.69875	190.43	-0.012188
2.7352	82.2928	95.5681	1161.6	1864.21	-0.008152	5.65312	189.295	-0.010313
2.7362	82.4295	96.2531	1162.17	1919.86	-0.004078	5.63875	187.768	-0.011563
2.7372	82.0193	96.1161	1165.14	1922.94	-0.004078	5.70489	186.877	-0.012813
2.7382	82.4295	96.1161	1160.34	1835.78	-0.004078	5.71969	186.877	-0.009375
2.7392	82.4295	96.39	1158.17	1911.47	-0.004078	5.71344	187.076	-0.012813
2.7402	82.4295	96.527	1160.57	1874.32	0.024456	5.71219	188.259	-0.010313
2.7412	82.9785	95.9791	1158.85	1848.37	0.028532	5.71281	188.358	-0.008888
2.7422	82.703	96.2531	1160.22	1818.05	-0.004078	5.71408	188.604	-0.010313
2.7432	82.4295	96.884	1162.05	1793.73	-0.004078	5.71344	187.815	-0.01125
2.7442	82.0193	96.1161	1161.14	1804.52	-0.004078	5.71219	186.976	-0.012813
2.7452	82.8398	96.2531	1162.82	1835.53	0.044837	5.71187	185.841	-0.012813
2.7462	82.4295	96.1161	1163.88	1844.27	-0.004078	5.70969	184.41	-0.011563
2.7472	82.703	96.1161	1163.31	1859.29	-0.004078	5.70719	183.324	-0.010938
2.7482	82.703	96.1161	1165.82	1849.73	-0.02038	5.70489	182.88	-0.010625
2.7492	82.4295	95.5681	1166.96	1841.95	-0.004078	5.70844	183.324	-0.007813
2.7502	82.703	96.1161	1166.28	1849.46	0.02038	5.70844	183.917	-0.012188
2.7512	82.2928	95.5681	1167.53	1846.45	-0.004078	5.70889	184.509	-0.012813
2.7522	82.4295	96.1161	1166.16	1845.36	-0.004078	5.7075	184.311	-0.012188
2.7532	82.4295	96.1161	1164.79	1845.77	-0.004078	5.71344	183.423	-0.0125
2.7542	82.8398	96.1161	1163.99	1833.89	-0.004078	5.70837	182.14	-0.010938
2.7552	82.9785	96.1161	1162.85	1863.94	-0.004078	5.71582	180.384	-0.010625

2.7582	82.4295	95.5681	1165.14	1891.53	0.02038	5.71989	178.785	-0.012188
2.7572	82.703	96.39	1163.42	1808.03	-0.008152	5.72437	177.899	-0.01125
2.7582	82.703	96.1161	1150.52	1790.73	-0.004076	5.72437	177.304	-0.010825
2.7592	82.4295	96.2531	1154.88	1733.84	-0.012228	5.72719	177.008	-0.010938
2.7602	82.4295	96.864	1159.31	1695.53	-0.016304	5.72858	176.418	-0.011583
2.7612	82.2928	96.1161	1148.69	1681.19	-0.004076	5.71489	176.261	-0.012188
2.7622	82.4295	95.5681	1148.48	1637.78	-0.004076	5.68856	174.245	-0.01125
2.7632	82.703	95.9791	1152.12	1622.73	0.024456	5.67281	172.173	-0.011875
2.7642	82.8398	96.1161	1147.09	1672.04	-0.004076	5.65812	170.248	-0.011583
2.7652	82.8398	96.864	1155.77	1777.89	-0.004076	5.72158	168.324	-0.011583
2.7662	82.1561	96.1161	1168.58	1799.47	0.028532	5.73187	168.942	-0.012188
2.7672	82.0193	96.1161	1164.34	1787.18	0.028532	5.72858	167.041	-0.011583
2.7682	81.8826	96.1161	1158.88	1751.12	-0.004076	5.72344	168.126	-0.010938
2.7692	82.8398	96.1161	1165.59	1728.28	0.028532	5.72408	168.856	-0.011583
2.7702	82.703	96.1161	1168.91	1756.58	-0.004076	5.72408	171.284	-0.012813
2.7712	82.703	96.864	1170.85	1780.35	-0.004076	5.72344	172.419	-0.010313
2.7722	82.4295	95.9791	1170.82	1780.89	-0.004076	5.72344	172.587	-0.010313
2.7732	82.9785	96.1161	1187.88	1780.54	-0.004076	6.72489	171.432	-0.012813
2.7742	82.1561	95.9791	1159.43	1743.74	-0.004076	5.71908	169.508	-0.010313
2.7752	82.703	96.527	1154.63	1769.15	-0.004076	5.72219	168.895	-0.010938
2.7762	82.2928	96.39	1157.94	1787.24	-0.008152	5.71812	164.82	-0.010825
2.7772	82.4295	96.39	1157.8	1788.28	-0.004076	5.71888	163.784	-0.011583
2.7782	82.2928	95.9791	1154.4	1733.91	0.028532	5.71837	163.083	-0.012188
2.7792	82.8398	96.1161	1150.97	1689.11	-0.004076	6.71844	162.797	-0.013438
2.7802	82.8398	95.9791	1142.86	1666.58	-0.012228	5.71719	162.886	-0.012188
2.7812	82.1561	96.1161	1140.12	1664.25	-0.004076	5.71719	163.291	-0.011583
2.7822	82.703	95.5681	1144.81	1675.73	-0.004076	5.72125	164.129	-0.008063
2.7832	82.4295	96.2531	1145.38	1711.37	-0.012228	5.72408	166.188	-0.012813
2.7842	82.703	95.8421	1148.46	1758.31	-0.008152	5.72594	166.859	-0.011583
2.7852	82.4295	96.1161	1148.92	1757.95	0.024456	5.72594	165.983	-0.012813
2.7862	82.703	95.5681	1145.03	1755.22	-0.004076	5.72889	164.672	-0.0125
2.7872	82.4295	95.9791	1146.4	1739.37	-0.004076	5.72889	164.87	-0.011583
2.7882	82.4295	96.2531	1148.35	1734.18	-0.004076	5.72858	165.264	-0.013125
2.7892	82.5883	96.2531	1150.74	1751.94	-0.004076	5.70489	166.054	-0.010938
2.7902	82.703	95.9791	1152.69	1762.69	-0.008152	5.68531	166.35	-0.0125
2.7912	82.8398	96.39	1150.08	1768.88	-0.004076	5.68583	166.153	-0.010913
2.7922	82.703	96.39	1147.09	1768.14	-0.008152	5.67408	165.58	-0.011583
2.7932	82.703	95.9791	1144.81	1753.58	-0.004076	5.74125	164.672	-0.010313
2.7942	82.5883	95.9791	1144.35	1768.08	-0.004076	5.72719	162.797	-0.011875
2.7952	82.703	96.39	1146.18	1815.72	-0.004076	5.72989	161.514	-0.013125
2.7962	82.8398	96.1161	1146.18	1823.24	-0.008152	5.72989	161.909	-0.010938
2.7972	82.8398	96.1161	1143.21	1824.05	-0.004076	5.72844	161.317	-0.012188
2.7982	82.703	95.8421	1142.08	1784.01	-0.008152	5.72594	162.205	-0.010313
2.7992	82.5883	95.8421	1140.24	1788.6	-0.004076	5.72312	163.389	-0.012813
2.8002	82.9785	96.1161	1139.32	1746.93	0.044837	5.72781	164.475	-0.011875
2.8012	82.703	95.8421	1140.58	1717.52	-0.012228	5.72187	165.116	-0.013125
2.8022	82.1561	96.2531	1141.61	1708.23	-0.004076	5.72489	165.168	-0.011875
2.8032	82.703	96.1161	1141.15	1743.74	-0.004076	5.72489	164.823	-0.012188
2.8042	82.9785	95.9791	1144.35	1756.17	-0.004076	5.72281	163.735	-0.008438
2.8052	82.703	95.8421	1140.92	1772.15	-0.004076	5.72219	162.994	-0.014375
2.8062	82.5883	95.5681	1141.61	1773.25	-0.004076	5.72594	162.452	-0.011583
2.8072	82.4295	96.864	1142.88	1761.23	-0.02038	5.72375	163.143	-0.011875

2.8082	83.25	96.1161	1143.66	1765.8	-0.004076	5.72531	163.687	-0.010313
2.8092	82.703	96.2531	1144.69	1770.79	-0.004076	5.73084	164.771	-0.010825
2.8102	82.0193	96.1161	1144.35	1767.51	-0.004076	5.72875	165.166	-0.010938
2.8112	82.4295	96.664	1143.21	1771.81	-0.004076	5.72968	165.363	-0.01125
2.8122	82.9785	96.2531	1142.06	1765.6	-0.004076	5.73082	164.82	-0.011563
2.8132	82.703	96.527	1141.81	1777.89	-0.004076	5.73469	164.06	-0.012813
2.8142	82.703	96.2531	1142.52	1829.52	-0.016304	5.73344	163.143	-0.011563
2.8152	82.8398	96.527	1144.35	1834.16	-0.008152	5.73281	162.402	-0.010938
2.8162	82.5683	95.8421	1141.38	1846.18	-0.004076	5.71408	162.6	-0.01125
2.8172	82.703	96.39	1140.24	1823.78	-0.004076	5.69582	163.784	-0.010938
2.8182	82.703	96.1161	1140.24	1790.73	-0.004076	5.67082	165.363	-0.010313
2.8182	82.8398	96.1161	1137.95	1788.42	0.024456	5.65989	166.202	-0.011563
2.8202	82.703	96.527	1138.87	1737.6	-0.004076	5.72594	167.337	-0.010625
2.8212	83.5236	96.1161	1139.44	1717.52	-0.004076	5.73969	167.534	-0.011875
2.8222	82.703	95.9791	1139.32	1740.88	0.024456	5.73344	167.337	-0.010938
2.8232	82.5683	95.9791	1140.92	1768.88	-0.004076	5.73719	166.646	-0.010313
2.8242	82.9785	95.8421	1140.24	1780.89	-0.004076	5.73469	165.807	-0.010313
2.8252	82.703	95.5681	1140.01	1790.46	-0.004076	5.73594	165.963	-0.011563
2.8262	82.4295	95.4312	1142.41	1733.36	-0.012228	5.73489	165.758	-0.006563
2.8272	82.703	95.8421	1136.58	1681.87	-0.040761	5.73469	166.103	-0.014688
2.8282	82.4295	95.8421	1134.53	1680.37	-0.004076	5.73219	166.794	-0.012813
2.8292	82.703	95.5681	1141.15	1647.59	-0.004076	5.73219	167.09	-0.012188
2.8302	83.1133	96.1161	1137.95	1651.41	-0.004076	5.73158	168.054	-0.013125
2.8312	83.25	95.8421	1136.44	1644.58	-0.004076	5.73469	164.988	-0.012188
2.8322	82.703	95.8421	1137.38	1640.22	-0.004076	5.73125	162.945	-0.012188
2.8332	82.9785	95.5681	1137.5	1693.78	0.040761	5.73594	161.021	-0.01125
2.8342	83.25	95.8421	1140.12	1707.14	-0.012228	5.73344	159.54	-0.012813
2.8352	82.9785	96.1161	1139.89	1703.59	-0.004076	5.73656	158.998	-0.012813
2.8362	83.25	96.2531	1141.15	1679.28	-0.004076	5.73812	158.047	-0.010313
2.8372	82.9785	96.39	1140.24	1637.62	-0.004076	5.73719	159.896	-0.011563
2.8382	82.9785	96.664	1135.78	1612.63	-0.02036	5.73908	160.577	-0.011563
2.8392	82.703	96.1161	1132.58	1595.14	-0.004076	5.74658	161.317	-0.012188
2.8402	82.2928	95.8421	1133.38	1581.21	-0.004076	5.74719	162.008	-0.011875
2.8412	82.9785	96.1161	1131.9	1584.22	0.024456	5.74908	161.07	-0.012813
2.8422	82.8398	96.39	1131.56	1611.26	-0.004076	5.75031	160.083	-0.011875
2.8432	83.3968	96.1161	1135.21	1619.73	-0.004076	5.72837	158.159	-0.012188
2.8442	83.1133	96.1161	1134.3	1625.48	0.052969	5.70469	156.185	-0.011563
2.8452	82.9785	96.1161	1133.38	1613.45	0.024456	5.68437	155.385	-0.011563
2.8462	83.25	95.9791	1134.3	1599.92	-0.004076	5.67281	155.099	-0.011563
2.8472	82.1561	95.8421	1134.3	1595.14	-0.004076	5.74094	155.741	-0.011875
2.84821	82.9785	96.1161	1135.44	1600.06	-0.004076	5.75158	155.839	-0.011563
2.84921	82.9785	95.5681	1136.58	1607.16	-0.032609	5.74219	155.445	-0.015313
2.85021	82.1561	95.8421	1137.04	1623.83	-0.012228	5.74658	156.58	-0.012188
2.85121	82.9785	95.9791	1136.35	1634.48	-0.004076	5.74312	157.686	-0.011563
2.85221	82.9785	96.1161	1134.87	1673.27	-0.004076	5.74469	157.961	-0.011875
2.85321	82.0193	96.2531	1137.38	1703.88	0.028532	5.74594	159.047	-0.010313
2.85421	82.8398	95.4312	1137.61	1708.78	-0.004076	5.74219	159.491	-0.011563
2.85521	82.9785	96.39	1135.67	1693.21	0.040761	5.73969	160.132	-0.010313
2.85621	82.9785	95.9791	1135.9	1655.24	-0.02036	5.73937	160.774	-0.01125
2.85721	82.4295	95.8421	1133.27	1631.2	-0.004076	5.73719	161.366	-0.010938
2.85821	83.25	95.9791	1130.41	1615.36	-0.02036	5.73719	161.909	-0.012188
2.85921	83.5236	96.1161	1128.13	1600.33	-0.012228	5.73781	162.205	-0.009375

2.86021	82.703	96.2531	1128.36	1695.69	-0.044837	5.73989	161.388	-0.0125
2.86121	82.4295	96.1161	1127.22	1622.32	-0.004076	5.73989	161.218	-0.012813
2.86221	83.1133	96.2531	1131.33	1636.12	-0.004076	5.74125	160.823	-0.010313
2.86321	82.8398	96.1161	1131.44	1652.51	0.02038	5.74219	159.491	-0.010938
2.86421	83.1133	96.1161	1132.01	1651.41	-0.004076	5.74719	159.442	-0.011563
2.86521	83.25	96.39	1132.7	1649.78	-0.004076	5.74531	159.738	-0.012188
2.86621	83.3898	96.1161	1133.84	1657.29	0.028532	5.74719	160.527	-0.010938
2.86721	82.9785	96.1161	1136.24	1668.62	0.02038	5.74813	161.07	-0.013438
2.86821	83.5238	96.1161	1138.41	1678.19	-0.004076	5.75094	161.415	-0.010938
2.86921	82.703	96.1161	1137.5	1679.28	-0.012228	5.75094	161.415	-0.012813
2.87021	83.1133	95.9791	1136.12	1667.8	-0.028532	5.72866	160.629	-0.012188
2.87121	82.9785	96.2531	1132.93	1683.51	-0.167118	5.70531	159.836	-0.012813
2.87221	82.9785	96.2531	1134.18	1701.68	-0.264944	5.68869	159.343	-0.012813
2.87321	82.2928	95.9791	1134.18	1706.05	-0.501355	5.69187	159.343	-0.010313
2.87421	82.9785	96.527	1132.93	1699.49	-0.82744	5.76344	159.948	-0.010938
2.87521	83.1133	96.684	1132.7	1677.23	-1.25135	5.75406	159.59	-0.010938
2.87621	82.703	95.9791	1131.1	1665.62	-1.73233	5.75219	159.884	-0.010938
2.87721	82.8398	96.1161	1130.19	1656.61	-2.18884	5.75219	160.527	-0.011563
2.87821	82.703	96.2531	1130.19	1645.41	-2.64536	5.75094	160.822	-0.012188
2.87921	82.8398	95.9791	1130.41	1638.85	-2.95514	5.75062	161.021	-0.009093
2.88021	82.9785	96.1161	1131.1	1660.7	-3.07743	5.74969	161.07	-0.013125
2.88121	82.9785	95.9791	1132.83	1667.67	-3.07743	5.74844	161.267	-0.010938
2.88221	83.5238	96.2531	1132.36	1676.55	-3.02038	5.74094	160.823	-0.012813
2.88321	82.8398	96.1161	1132.7	1676	-2.82471	5.74094	162.008	-0.01375
2.88421	82.4295	96.1161	1133.84	1680.92	-2.66167	5.74156	163.143	-0.012188
2.88521	82.9785	96.1161	1134.53	1694.03	-2.50678	5.74094	163.883	-0.012188
2.88621	82.703	96.2531	1135.44	1707.14	-2.36819	5.74856	164.919	-0.011563
2.88721	82.9785	95.5681	1135.67	1715.81	-2.27037	5.74219	165.658	-0.010938
2.88821	82.9785	96.1161	1135.9	1713.7	-2.18884	5.74856	165.658	-0.011563
2.88921	83.1133	96.684	1134.53	1702.77	-2.18884	5.74719	164.968	-0.010313
2.89021	83.1133	96.39	1133.38	1718.81	-2.18884	5.74719	164.277	-0.011563
2.89121	82.703	95.9791	1133.73	1737.19	-2.17254	5.74844	163.784	-0.010313
2.89221	83.5238	96.1161	1133.84	1742.93	-2.16439	5.75344	163.291	-0.010825
2.89321	82.9785	96.1161	1132.24	1738.28	-2.15624	5.75312	162.945	-0.010938
2.89421	83.1133	96.2531	1131.58	1718.07	-2.10325	5.75812	163.685	-0.012813
2.89521	82.2928	96.1161	1131.78	1707.89	-2.05841	5.75469	164.524	-0.010825
2.89621	82.9785	95.5681	1131.9	1695.12	-1.99319	5.73594	164.524	-0.011563
2.89721	82.8398	96.1161	1131.78	1682.97	-1.96874	5.71825	164.378	-0.011563
2.89821	83.25	96.1161	1131.21	1676.55	-1.93205	5.70319	163.883	-0.012813
2.89921	82.4295	95.8421	1132.7	1698.13	-1.89537	5.68658	163.885	-0.011563
2.90021	82.8398	96.1161	1133.84	1708.64	-1.87906	5.74969	163.093	-0.012188
2.90121	83.1133	96.2531	1133.73	1717.52	-1.85481	5.76469	163.044	-0.012813
2.90221	83.25	95.8421	1133.61	1713.83	-1.8383	5.75562	163.093	-0.010938
2.90321	82.5683	95.9791	1134.75	1712.47	-1.822	5.75719	163.885	-0.010938
2.90421	82.9785	95.8421	1135.33	1718.34	-1.80162	5.75437	164.573	-0.01125
2.90521	82.8398	96.1161	1135.21	1725.17	-1.78493	5.75312	165.58	-0.011563
2.90621	82.9785	96.1161	1135.21	1728.99	-1.72417	5.75312	166.251	-0.011563
2.90721	82.4295	96.1161	1135.21	1724.9	-1.71602	5.75489	166.054	-0.011563
2.90821	82.9785	96.1161	1134.75	1717.79	-1.67526	5.75969	165.462	-0.011675
2.90921	82.9785	96.39	1134.07	1734.59	-1.66711	5.75312	164.378	-0.012188
2.91021	82.9785	96.684	1134.53	1756.31	-1.6345	5.75406	163.537	-0.010625
2.91121	83.1133	96.1161	1134.64	1759.31	-1.58374	5.75489	162.206	-0.011675

2.91221	83.5236	95.9791	1132.47	1744.97	-1.61004	5.75469	161.613	-0.012188
2.91321	82.9765	95.8421	1132.81	1709.33	-1.60189	5.75844	161.415	-0.010625
2.91421	82.9765	96.1161	1132.7	1680.37	-1.59374	5.75594	161.317	-0.012188
2.91521	82.9765	95.2942	1132.24	1660.7	-1.58559	5.75688	161.119	-0.011563
2.91621	83.7971	96.1161	1130.98	1645.68	-1.58928	5.75844	160.478	-0.014375
2.91721	83.25	95.8421	1132.24	1643.77	-1.52445	5.76281	160.429	-0.011563
2.91821	83.25	96.864	1132.47	1670.54	-1.53987	5.75812	159.343	-0.013438
2.91921	83.25	95.7051	1134.18	1695.26	-1.52852	5.76969	159.294	-0.010825
2.92021	83.1133	96.1161	1134.75	1720.12	-1.51222	5.76344	159.935	-0.010938
2.92121	83.25	95.2942	1135.1	1732.54	-1.49591	5.75908	161.415	-0.010313
2.92221	82.2929	95.9791	1135.78	1737.6	-1.48776	5.74408	163.784	-0.012188
2.92321	82.4295	95.5681	1136.58	1742.65	-1.50407	5.71989	165.511	-0.010938
2.92421	83.1133	96.1161	1137.04	1740.19	-1.51222	5.70158	166.449	-0.011563
2.92521	82.9765	95.8421	1137.04	1730.63	-1.47146	5.68489	166.745	-0.010313
2.92621	83.1133	95.9791	1137.04	1724.49	-1.48369	5.74281	166.547	-0.009375
2.92721	83.5236	95.8421	1135.67	1715.34	-1.47961	5.76656	166.856	-0.013125
2.92821	82.703	95.9791	1134.53	1735	-1.49591	5.75719	165.264	-0.012188
2.92921	82.8398	95.9791	1135.55	1765.05	-1.47146	5.76281	163.567	-0.013438
2.93021	82.4295	95.5681	1135.21	1776.25	-1.48331	5.76156	163.389	-0.011563
2.93121	82.9765	95.9791	1134.07	1774.34	-1.49591	5.75469	163.093	-0.010938
2.93221	82.9765	96.1161	1133.61	1752.9	-1.48776	5.75781	163.537	-0.010313
2.93321	82.8398	95.9791	1133.84	1736.64	-1.47146	5.75376	163.735	-0.011875
2.93421	82.9765	96.1161	1134.07	1721.21	-1.52037	5.75158	164.573	-0.010938
2.93521	82.4295	95.8421	1134.3	1707.14	-1.47961	5.75126	164.673	-0.011563
2.93621	83.5236	96.1161	1134.98	1700.04	-1.50407	5.75375	164.425	-0.011563
2.93721	83.25	96.2531	1135.67	1722.44	-1.51222	5.75219	164.277	-0.010938
2.93821	83.1133	95.9791	1135.21	1738.01	-1.50407	5.75375	163.34	-0.012813
2.93921	83.25	96.527	1135.21	1750.71	-1.52852	5.75469	163.883	-0.011563
2.94021	82.9765	96.1161	1135.9	1746.34	-1.52445	5.75187	163.784	-0.012188
2.94121	83.3868	95.5681	1136.12	1741.58	-1.52037	5.75375	164.82	-0.010938
2.94221	82.8398	95.8421	1136.58	1742.62	-1.52852	5.75688	165.511	-0.011663
2.94321	83.7971	95.8421	1136.58	1744.15	-1.55296	5.75469	166.36	-0.010313
2.94421	82.9765	96.2531	1136.47	1745.93	-1.55705	5.75469	166.745	-0.010938
2.94521	83.25	96.864	1136.01	1743.74	-1.58559	5.75781	166.843	-0.010625
2.94621	83.5236	96.1161	1135.67	1740.47	-1.57336	5.75875	165.708	-0.012188
2.94721	83.3868	96.864	1135.44	1752.9	-1.60189	5.75844	164.573	-0.010938
2.94821	83.3868	96.527	1137.04	1781.99	-1.60597	5.74908	163.784	-0.010625
2.94921	83.25	96.527	1136.58	1792.78	-1.6345	5.72437	162.994	-0.012813
2.95021	82.4295	95.9791	1135.67	1795.1	-1.62835	5.70375	163.784	-0.010938
2.95121	83.1133	96.1161	1135.67	1772.15	-1.6345	5.68844	164.179	-0.010313
2.95221	83.25	96.527	1135.44	1754.53	-1.65896	5.74125	165.363	-0.010313
2.95321	83.25	95.9791	1135.33	1737.19	-1.67118	5.76656	165.758	-0.010938
2.95421	82.9765	95.9791	1135.67	1721.07	-1.66711	5.7575	165.955	-0.011563
2.95521	82.9765	96.39	1135.9	1714.24	-1.66711	5.76219	166.301	-0.010938
2.95621	83.25	96.1161	1136.81	1738.28	-1.70787	5.75938	165.955	-0.013438
2.95721	83.3868	96.527	1135.67	1756.31	-1.74455	5.75969	165.363	-0.011563
2.95821	83.3868	96.2531	1136.35	1768.88	-1.70787	5.75969	165.166	-0.009688
2.95921	83.7971	96.1161	1137.15	1764.37	-1.75271	5.75938	164.968	-0.008875
2.96021	83.25	96.39	1136.47	1758.22	-1.7364	5.75469	165.511	-0.012188
2.96121	82.9765	95.9791	1136.58	1758.22	-1.69972	5.75375	166.843	-0.012813
2.96221	83.3868	95.9791	1136.47	1761.09	-1.70787	5.75281	166.077	-0.011875
2.96321	83.3868	96.2531	1137.15	1784.51	-1.68749	5.75219	166.422	-0.011875

2.96421	83.9339	96.1161	1136.12	1762.73	-1.69972	5.75469	166.126	-0.011875
2.96521	83.5236	96.801	1135.67	1756.86	-1.69972	5.75531	167.435	-0.010938
2.96621	82.9765	96.1161	1135.55	1765.6	-1.69972	5.75781	165.906	-0.012813
2.96721	83.25	96.664	1136.35	1796.1	-1.7201	5.75875	164.919	-0.011563
2.96821	83.5236	96.1161	1137.04	1808.48	-1.73233	5.75989	164.129	-0.010313
2.96921	82.8398	95.8421	1135.9	1811.22	-1.7201	5.75989	164.129	-0.012188
2.97021	83.6603	96.1161	1134.96	1788.41	-1.73233	5.76281	164.327	-0.009688
2.97121	83.3868	96.1161	1135.67	1768.06	-1.72417	5.76344	165.168	-0.011563
2.97221	83.25	96.1161	1135.21	1749.21	-1.73233	5.76469	166.251	-0.011563
2.97321	82.8398	96.39	1135.21	1731.73	-1.71195	5.76594	166.301	-0.010313
2.97421	83.1133	96.2531	1135.9	1723.94	-1.69972	5.76594	165.955	-0.011563
2.97521	83.5236	96.1161	1135.21	1743.74	-1.6508	5.72906	165.56	-0.010938
2.97621	83.5236	96.1161	1136.01	1766.14	-1.6345	5.71219	164.87	-0.009688
2.97721	83.3868	96.39	1135.44	1779.53	-1.6345	5.70281	164.179	-0.012188
2.97821	83.25	96.1161	1135.21	1775.43	-1.66711	5.76719	164.129	-0.010938
2.97921	83.5236	95.9791	1136.12	1768.06	-1.65896	5.77094	164.179	-0.011875
2.98021	83.5236	96.2531	1136.12	1761.77	-1.6345	5.77094	164.672	-0.011563
2.98121	83.25	96.39	1136.58	1757.95	-1.61004	5.76844	164.722	-0.010313
2.98221	83.5236	96.527	1136.12	1754.94	-1.61004	5.77094	164.031	-0.0125
2.98321	83.3868	96.527	1135.78	1750.16	-1.58996	5.76594	163.34	-0.011875
2.98421	83.1133	96.1161	1135.21	1740.88	-1.55298	5.76469	162.304	-0.010938
2.98521	83.3868	96.838	1134.3	1741.01	-1.54075	5.76583	161.021	-0.010938
2.98622	83.3868	96.1161	1135.67	1771.81	-1.53667	5.76469	159.836	-0.012188
2.98722	83.1133	96.39	1135.58	1773.52	-1.50407	5.76312	158.8	-0.012813
2.98822	83.6603	96.1161	1134.75	1775.16	-1.46331	5.76187	159.195	-0.011875
2.98922	83.25	96.2531	1134.96	1767.68	-1.47146	5.75906	160.725	-0.010938
2.99022	83.5236	96.527	1135.55	1762.49	-1.45515	5.75869	162.501	-0.011563
2.99122	83.5236	96.527	1136.01	1748.12	-1.43685	5.76281	164.376	-0.011563
2.99222	83.3868	96.39	1135.1	1739.37	-1.39994	5.76375	165.383	-0.009688
2.99322	83.5236	96.39	1135.9	1730.83	-1.3614	5.76406	165.284	-0.01125
2.99422	83.5236	95.8421	1135.67	1738.26	-1.3288	5.76719	165.018	-0.010938
2.99522	83.5236	95.9791	1136.01	1760.13	-1.30842	5.76989	163.685	-0.012188
2.99622	83.3868	96.39	1134.75	1768.88	-1.27581	5.76937	162.994	-0.011875
2.99722	83.25	96.39	1135.21	1771.88	-1.25135	5.76844	162.649	-0.012188
2.99822	83.3868	96.801	1135.78	1764.51	-1.21874	5.76719	162.896	-0.012188
2.99922	83.5236	96.664	1136.67	1765.06	-1.16352	5.76562	163.735	-0.010938

0	80.3788	74.0928	11.0791	19.3947	41.0418	0.020938	0.354337	5.18219
0.001	81.0622	73.6828	11.0791	19.5313	41.4485	0.019375	0.551716	5.18408
0.002	81.0622	74.5024	10.8223	19.2581	41.3642	0.022188	0.304893	5.18437
0.003	80.9255	73.958	11.536	19.1215	41.1315	0.021675	0.304893	5.18094
0.004	81.0622	74.0928	11.3076	19.3947	40.4794	0.02125	0.354337	5.18031
0.005	81.0622	73.958	10.7365	19.2581	39.5174	0.020313	0.304893	5.18187
0.006	81.1989	73.6828	11.4218	19.2581	39.0768	0.02125	0.208303	5.18687
0.007001	81.4724	74.0928	11.1933	20.4873	38.3435	0.019888	0.255648	5.17344
0.008001	80.7888	74.2292	11.0791	18.7118	39.2484	0.021875	0.354337	5.14781
0.009001	81.0622	74.2292	12.4497	19.5313	39.2851	0.023438	0.255648	5.13094
0.010001	80.7888	74.0928	11.1933	18.9849	39.9413	0.020625	0.304893	5.13781
0.011001	81.0622	73.958	10.9849	18.4388	39.9578	0.019888	0.850406	5.19825
0.012001	81.1989	73.958	11.3076	19.1215	39.3177	0.02125	0.403682	5.18281
0.013001	81.0622	73.958	11.8502	19.1215	39.0446	0.021875	0.551716	5.18719
0.014001	80.7888	74.0928	11.4218	19.5313	38.7185	0.021875	0.354337	5.18719
0.015001	81.0622	73.958	11.6602	18.9849	39.4522	0.020313	0.354337	5.18781
0.016001	80.9255	73.958	11.3076	18.8483	40.675	0.020938	0.255648	5.18187
0.017001	81.0622	74.0928	11.4218	18.9849	41.2457	0.020938	0.304893	5.18187
0.018001	81.0622	73.958	10.9849	18.8044	41.5638	0.020625	0.156859	5.18344
0.019001	80.9255	74.0928	10.8507	18.8483	41.7918	0.019083	0.208303	5.18937
0.020001	81.1989	73.958	11.536	18.7118	41.3109	0.020938	0.058269	5.18989
0.021002	80.9255	74.0928	11.0791	18.7118	40.8788	0.021563	-0.04042	5.18719
0.022002	80.7888	73.958	11.536	19.2581	40.137	0.023125	0.88875	5.18344
0.023002	80.7888	74.2292	11.0791	18.7118	38.4899	0.019375	-0.04042	5.18594
0.024002	81.0622	73.6828	11.4218	19.2581	38.9489	0.019888	0.208303	5.18158
0.025002	80.7888	73.8194	10.8507	19.5313	40.0147	0.023125	0.156859	5.15719
0.026002	81.0622	73.958	11.4218	18.7118	39.8883	0.021875	0.156859	5.13489
0.027002	80.9255	74.2292	11.536	18.4388	40.1125	0.0225	0.304893	5.13188
0.028002	80.7888	74.0928	11.1933	18.302	40.3815	0.021563	0.255648	5.19158
0.029002	81.0622	74.0928	10.6223	18.941	39.4885	0.020938	0.255648	5.18489
0.030002	80.9255	74.0928	10.8507	18.1654	38.7756	0.020313	0.354337	5.18469
0.031002	81.1989	73.8194	11.9829	19.3947	38.8245	0.01875	0.255648	5.18531
0.032002	81.0622	73.958	11.0791	18.9849	40.2959	0.020625	0.156859	5.17969
0.033002	81.3358	73.8194	10.8507	18.302	40.9929	0.019083	0.354337	5.18469
0.034002	80.9255	73.958	11.3076	18.302	41.7918	0.020938	0.502371	5.18219
0.035003	81.0622	73.958	11.0791	18.9849	42.5011	0.022813	0.255648	5.18219
0.036003	80.9255	74.3658	10.7365	19.2581	42.281	0.0225	0.255648	5.17937
0.037003	81.0622	74.0928	10.7365	18.5752	42.1709	0.022188	0.156859	5.18094
0.038003	80.9255	74.2292	11.1933	18.9849	41.5289	0.022188	0.208303	5.18344
0.039003	81.3358	73.6828	12.2213	19.2581	39.3054	0.022188	0.208303	5.18344
0.040003	81.0622	73.958	11.3076	19.2581	39.2158	0.021875	0.304893	5.17969
0.041003	81.1989	73.958	10.508	17.7557	39.9048	0.020938	0.156859	5.17062
0.042003	81.0622	74.0928	12.1071	19.3947	40.3734	0.021563	0.208303	5.15344
0.043003	80.7888	73.958	10.508	18.7118	40.8546	0.02375	0.255648	5.13281
0.044003	81.0622	73.958	10.8507	19.3947	40.1451	0.024888	0.551716	5.13094
0.045003	81.4724	73.8194	11.0791	18.8483	40.0514	0.022188	0.403682	5.18844
0.046003	81.0622	73.958	11.0791	19.3947	39.7538	0.022813	0.403682	5.17469
0.047003	81.0622	73.6828	10.8507	18.0288	38.0826	0.022813	0.255648	5.17937
0.048004	81.3358	73.6828	11.4218	18.9849	38.8814	0.020625	0.208303	5.18187
0.049004	80.7888	74.639	11.0791	18.8483	39.7701	0.020938	0.208303	5.18158
0.050004	80.7888	73.6828	11.3076	18.0288	40.512	0.019888	0.156859	5.17594
0.051004	81.0622	74.0928	11.0791	19.5313	41.2701	0.020938	0.255648	5.17594

0.052004	80.7888	74.0928	10.8507	18.5752	41.3149	0.019083	0.206303	5.18062
0.053004	81.3356	73.6828	11.0791	17.8923	42.175	0.020838	0.255648	5.18084
0.054004	80.5153	73.958	11.1933	18.0288	41.1987	0.021563	0.354337	5.17989
0.055004	80.8255	73.8194	11.7844	19.1215	39.6315	0.022188	0.850406	5.17489
0.056004	80.7888	74.2292	10.9849	18.8483	38.584	0.02125	0.158959	5.17858
0.057004	80.7888	73.958	11.3078	19.5313	39.2158	0.02125	0.158959	5.17844
0.058004	81.3356	73.273	11.536	18.9849	40.1125	0.023438	0.158959	5.16594
0.059004	81.0822	74.0928	11.1933	18.9849	40.3978	0.021583	0.255648	5.14344
0.060004	81.0822	74.2292	11.1933	18.9849	40.1451	0.023438	0.354337	5.12469
0.061004	80.9255	73.8194	11.4218	18.7118	40.4753	0.02125	0.158959	5.12687
0.062006	80.9255	74.0928	11.0791	19.8044	39.5745	0.020625	0.354337	5.18844
0.063006	81.0822	73.8194	11.7844	18.4386	38.8387	0.022188	0.453027	5.17531
0.064006	81.1989	73.958	11.4218	19.1215	38.4689	0.021563	0.206303	5.17594
0.065006	81.0822	74.2292	10.9849	18.4386	37.4508	0.019888	-0.04042	5.17094
0.066006	81.0822	74.0928	11.536	18.4386	39.0809	0.018375	0.255648	5.17584
0.067006	81.3356	74.0928	11.7844	18.9849	40.2022	0.021875	0.89975	5.17781
0.068006	81.1989	73.958	11.3078	18.9849	40.8543	0.021583	0.206303	5.17812
0.069006	80.2419	73.958	11.536	18.5752	41.0174	0.022813	0.158959	5.17584
0.070006	80.7888	73.958	11.3078	18.7118	41.3924	0.019083	0.354337	5.17719
0.071006	81.0822	73.958	11.3078	19.8044	41.1784	0.021583	0.158959	5.17688
0.072006	81.1989	73.5482	11.3078	18.7118	39.2688	0.019888	0.304993	5.17844
0.073006	80.9255	74.2292	11.4218	19.5313	38.3231	0.020625	0.304993	5.17719
0.074006	81.4724	73.958	10.8507	18.9849	40.0717	0.020838	0.158959	5.17489
0.075006	81.0822	74.2292	11.1933	19.2581	40.4304	0.020625	0.206303	5.16937
0.076006	81.0822	73.6828	11.3078	18.4386	40.3978	0.020838	0.107814	5.14468
0.077006	81.0822	74.2292	10.8507	18.4386	40.7524	0.021875	0.453027	5.12584
0.078006	81.0822	74.0928	11.536	18.7118	40.675	0.024888	0.304993	5.12844
0.079006	80.5153	73.958	11.3078	18.8483	40.2819	0.02125	0.158959	5.18687
0.080006	81.0822	73.4098	11.3078	18.5752	39.1098	0.023438	0.354337	5.17584
0.081006	80.9255	73.958	10.8507	18.9849	38.9141	0.020625	0.255648	5.18187
0.082006	80.6521	73.958	11.0791	18.9849	39.1179	0.0225	0.255648	5.17812
0.083006	80.7888	74.0928	10.8507	18.9849	39.5011	0.021875	0.304993	5.17489
0.084006	81.0822	74.0928	11.1933	19.941	40.6546	0.022813	0.158959	5.17344
0.085006	81.1989	74.0928	11.4218	18.4386	41.7286	0.019888	0.354337	5.17908
0.086006	81.8091	73.4098	11.8502	19.1215	41.262	0.020313	0.158959	5.18062
0.087006	81.8091	73.6828	11.8502	18.7118	41.4495	0.019888	-0.04042	5.17937
0.088006	80.7888	73.8194	11.536	18.9849	41.1641	0.022188	0.354337	5.17781
0.089006	81.0822	73.958	11.1933	19.2581	38.6288	0.020838	0.850406	5.17719
0.090007	81.8828	73.958	11.536	18.9849	38.8285	0.021875	0.354337	5.17989
0.091007	80.7888	74.5024	11.4218	18.7118	40.4467	0.023125	0.354337	5.18158
0.092007	81.0822	73.958	11.3078	19.2581	40.5935	0.021583	0.255648	5.17344
0.093007	81.3356	73.5482	11.536	19.5313	41.0174	0.023125	0.158959	5.14937
0.094007	80.9255	73.958	10.8507	18.9849	41.972	0.021583	0.255648	5.12937
0.095007	81.0822	73.958	11.536	20.6239	41.103	0.020838	0.158959	5.13084
0.096007	81.4724	73.958	11.8502	18.8483	40.6281	0.020625	0.502371	5.18989
0.097007	80.9255	73.8194	11.3078	18.8483	40.2348	0.020313	0.304993	5.17969
0.098007	81.0822	73.6828	11.3078	18.4386	39.089	0.01875	0.206303	5.18084
0.099007	80.7888	73.6828	11.0791	19.5313	39.4359	0.020313	0.453027	5.18344
0.100007	81.0822	73.958	11.536	18.8483	40.7585	0.021875	0.847784	5.18313
0.101007	80.9255	73.958	11.3078	18.9849	41.3781	0.02375	0.354337	5.18084
0.102007	81.0822	74.0928	11.1933	19.2581	41.4902	0.022188	0.453027	5.17719
0.103007	81.0822	74.2292	11.536	19.1215	41.7307	0.019083	0.354337	5.18187

0.104007	81.0622	73.956	10.9649	18.7118	41.425	0.019063	0.304993	5.18469
0.105008	81.1989	73.4096	11.4218	19.1215	40.3326	0.019688	0.255648	5.18656
0.106008	80.9255	73.6928	11.3076	18.8483	39.089	0.019688	0.304993	5.18437
0.107008	81.0622	74.2292	11.4218	18.8483	38.8082	0.020313	0.255648	5.18094
0.108008	80.2419	74.0926	11.9929	19.5313	39.387	0.018125	0.463027	5.18594
0.109008	81.1989	74.2292	10.6223	18.4386	39.9658	0.01875	-0.04042	5.17969
0.110008	80.9255	74.2292	11.536	18.8483	40.4019	0.023438	0.156959	5.15594
0.111008	81.0622	73.956	11.536	19.3947	40.3489	0.024375	0.749095	5.13594
0.112008	81.1989	73.6928	11.3076	18.9849	40.3326	0.024375	0.354337	5.13219
0.113008	81.3356	73.956	11.536	19.3947	39.9661	0.021563	0.551716	5.19344
0.114008	81.0622	74.0926	11.6502	18.7118	39.1508	0.020938	0.156959	5.18469
0.115008	80.7888	74.3858	11.9929	19.2581	38.5718	0.020625	0.255648	5.18719
0.116008	80.9255	74.0926	11.0791	19.3947	39.8557	0.018375	0.354337	5.18469
0.117008	81.3356	73.956	11.536	19.6676	40.5446	0.019063	0.304993	5.18844
0.118008	81.0622	74.5024	10.6223	18.7118	41.1397	0.020625	0.255648	5.18344
0.119008	80.9255	73.956	11.1833	18.9849	41.4902	0.022188	0.304993	5.18156
0.120009	81.0622	74.2292	11.9929	18.1654	41.1886	0.020313	0.058269	5.17969
0.121009	80.7888	73.6928	11.1833	18.8483	40.8829	0.020313	0.354337	5.17531
0.122009	81.6091	74.0926	11.3076	19.2581	40.1896	0.02125	0.304993	5.17969
0.123009	81.6091	73.956	11.6502	18.5752	38.9141	0.021875	0.255648	5.18219
0.124009	80.6521	74.2292	11.536	19.2581	37.9237	0.02375	0.551716	5.18125
0.125009	81.0622	74.0926	11.4218	18.8483	38.5799	0.022188	0.354337	5.17812
0.126009	81.3356	73.956	11.536	19.941	39.175	0.022188	0.354337	5.18719
0.127009	81.1989	74.2292	11.3076	18.9849	39.5989	0.019375	0.354337	5.14658
0.128009	80.6153	74.2292	11.4218	20.2142	39.7742	0.02375	0.206303	5.13344
0.129009	81.0622	74.0926	11.1833	18.4386	39.4848	0.0225	0.255648	5.1275
0.130009	81.7458	74.0926	11.3076	18.7118	39.3289	0.021875	0.156959	5.18531
0.131009	80.9255	73.956	10.7365	17.3459	38.694	0.016875	-0.04042	5.17158
0.13201	81.4724	74.0926	10.8507	18.9849	38.4372	0.022188	0.354337	5.17937
0.13301	81.1989	73.6194	11.6502	19.5313	39.9413	0.021563	0.749095	5.18156
0.13401	81.6091	73.956	10.8507	19.2581	40.8625	0.0225	0.156959	5.17908
0.13501	81.8828	73.956	11.1833	18.9849	41.0989	0.024063	0.354337	5.17531
0.13601	81.1989	74.7758	11.0791	19.1215	41.5554	0.019375	0.156959	5.17856
0.13701	80.9255	73.956	11.3076	18.9849	41.637	0.022188	0.107614	5.17969
0.13801	81.0622	74.0926	10.8507	18.9849	41.0622	0.020313	0.058269	5.17812
0.13901	81.0622	73.956	11.4218	19.2581	40.5079	0.020938	0.354337	5.17562
0.14001	81.1989	73.956	11.3076	19.5313	39.5822	0.02125	0.255648	5.17469
0.14101	80.9255	74.0926	11.3076	19.2581	38.1601	0.021563	0.206303	5.17875
0.14201	81.1989	73.956	10.2796	17.8923	39.2891	0.018438	-0.13911	5.17844
0.14301	81.0622	74.639	10.8507	19.1215	39.709	0.02125	0.255648	5.17219
0.14401	81.0622	73.956	11.536	18.9849	38.8842	0.021563	0.749095	5.14719
0.14501	80.2419	74.0926	10.9649	18.7118	40.1533	0.022813	0.206303	5.12594
0.146011	80.9255	73.6194	11.1833	19.8044	39.8231	0.024688	0.354337	5.12281
0.147011	81.0622	73.956	11.4218	19.2581	38.3788	0.019688	0.304993	5.18594
0.148011	81.0622	73.956	11.6502	18.9849	38.694	0.021563	0.206303	5.1775
0.149011	81.3356	73.956	11.3076	18.5752	38.8	0.021563	0.304993	5.17656
0.150011	80.9255	74.639	10.8507	18.9849	40.1573	0.019688	0.850406	5.17688
0.151011	81.6091	73.956	11.0791	18.9849	41.3027	0.02125	0.463027	5.18031
0.152011	81.1989	74.639	10.7365	18.7118	41.9549	0.019688	0.354337	5.18156
0.153011	81.0622	73.956	10.3938	17.2094	41.7144	0.0175	-0.188454	5.17908
0.154011	81.0622	74.0926	11.0791	18.8483	42.9821	0.021563	0.107614	5.17856
0.155011	81.0622	73.4096	11.6502	19.3947	41.5391	0.020625	0.850406	5.17719

0.156011	81.0622	73.8194	11.1933	19.2581	41.1234	0.022188	0.156859	5.17989
0.157011	81.1989	74.0926	11.1933	19.1215	39.0364	0.023125	0.255848	5.18158
0.158011	81.1989	74.0926	11.3076	18.4386	38.9918	0.0225	0.453027	5.17875
0.159011	81.0622	73.858	11.3076	18.4386	40.2674	0.018688	0.255848	5.17908
0.160012	81.1989	73.956	11.3076	18.4386	40.247	0.02	0.304993	5.17625
0.161012	80.7888	74.0926	10.8507	18.4386	40.6179	0.021875	0.107614	5.15594
0.162012	81.0622	74.3658	11.3076	19.5313	39.9864	0.022188	0.156859	5.13281
0.163012	81.0622	73.956	10.8507	18.7118	39.9861	0.01875	0.354337	5.12531
0.164012	80.7888	73.6828	11.0781	17.3459	39.0731	0.015838	-0.13911	5.18469
0.165012	80.9255	73.6828	11.0781	18.4386	38.5718	0.021563	0.304993	5.17989
0.166012	81.0622	74.0926	11.3076	18.7118	38.5555	0.020838	0.897128	5.18408
0.167012	80.7888	74.5024	11.1833	18.5752	39.8272	0.02125	0.354337	5.18094
0.168012	81.0622	74.0926	11.4218	18.8483	40.897	0.023438	0.801061	5.17844
0.169012	80.2419	73.956	10.8507	18.7118	40.6813	0.018688	0.748095	5.17989
0.170012	80.7888	73.6828	11.1833	18.7118	42.1872	0.020838	0.304993	5.18344
0.171012	81.1989	73.8194	11.3076	19.5313	41.908	0.01875	0.354337	5.18663
0.172012	81.0622	73.956	10.8507	18.9849	40.6179	0.020313	0.206303	5.18187
0.173012	81.0622	73.6828	11.1833	19.5313	39.8924	0.018688	0.255848	5.18094
0.174013	81.3356	73.4096	10.8507	18.4386	38.5025	0.021563	-0.04042	5.18094
0.175013	80.7888	73.956	11.6502	18.4386	39.228	0.020313	0.058269	5.18625
0.176013	81.1989	73.956	10.8507	18.7118	40.589	0.018688	0.156859	5.18344
0.177013	81.1989	74.2292	11.536	19.2581	40.2592	0.0225	0.551718	5.17908
0.178013	81.0622	73.956	10.8507	19.6878	40.0717	0.0225	0.107614	5.15582
0.179013	80.9255	74.2292	11.1833	19.1215	40.4916	0.022813	0.156859	5.13718
0.180013	81.1989	73.6828	11.3076	19.2581	39.4807	0.022813	0.255848	5.13084
0.181013	81.0622	74.0926	11.6502	18.9849	38.894	0.020625	0.206303	5.18908
0.182013	81.3356	74.2292	11.3076	18.9849	38.0626	0.018688	-0.04042	5.17989
0.183013	80.9255	73.956	11.0781	18.302	37.875	0.020625	0.206303	5.18488
0.184013	81.0622	73.956	10.8507	20.0776	39.4114	0.018438	0.354337	5.18658
0.185013	81.0622	74.0926	11.3076	18.4386	40.2348	0.020313	0.255848	5.1825
0.186013	81.0622	73.956	11.3076	17.8923	40.6813	0.020313	0.107614	5.18218
0.187013	81.1989	74.0926	10.9849	18.302	41.2579	0.019375	0.156859	5.17469
0.188014	81.8091	73.5462	10.8507	18.7118	41.282	0.019063	0.748095	5.18281
0.189014	81.1989	74.0926	10.8507	18.8483	40.512	0.018688	0.304993	5.18488
0.190014	81.3356	74.639	10.8507	18.7118	38.1869	0.022813	0.255848	5.18344
0.191014	81.3356	73.5462	11.0781	18.4386	38.747	0.020838	0.206303	5.17989
0.192014	81.1989	73.6828	10.8507	19.3947	38.8111	0.02125	-0.04042	5.17844
0.193014	81.0622	74.0926	11.3076	18.7118	40.3815	0.021563	0.354337	5.18156
0.194014	81.0622	74.639	11.6502	19.2581	40.9522	0.0225	0.255848	5.17719
0.195014	81.3356	74.0926	11.536	19.6878	40.137	0.02125	0.354337	5.15219
0.196014	81.0622	74.0926	11.1933	18.8483	40.2348	0.021875	0.206303	5.13094
0.197014	81.1989	73.956	12.4497	19.5313	40.2798	0.02125	0.255848	5.12887
0.198014	80.5153	73.956	10.7385	18.7118	39.0283	0.020838	0.107614	5.18437
0.199014	81.0622	73.956	11.4218	19.2581	38.5555	0.018688	0.453027	5.18219
0.200014	81.0622	73.956	11.536	18.4386	38.8122	0.020313	0.354337	5.18344
0.201014	81.3356	74.2292	10.8507	18.8483	39.872	0.023438	0.354337	5.17844
0.202015	80.7888	74.2292	10.8507	19.2581	40.8018	0.021875	0.304993	5.17989
0.203015	81.3356	74.2292	11.7644	18.9849	41.3761	0.021563	0.304993	5.18219
0.204015	81.3356	73.8194	11.9929	18.9849	41.4087	0.022188	0.156859	5.17989
0.205015	81.8091	73.6828	11.3076	19.3947	41.2457	0.022188	0.255848	5.17937
0.206015	81.0622	74.2292	11.3076	19.941	40.8261	0.020625	0.206303	5.17806
0.207015	81.3356	74.2292	11.3076	18.9849	38.4495	0.022813	0.354337	5.18219

0.208015	81.0822	73.8194	12.564	19.8044	38.9182	0.020938	0.206303	5.18583
0.208015	81.0822	73.8194	10.8507	18.302	40.2837	0.020313	0.107814	5.18094
0.210015	81.1989	73.5482	11.4218	19.2581	40.6872	0.022188	0.502371	5.17937
0.211015	81.1989	74.2292	11.536	19.2581	40.9318	0.021583	0.354337	5.17281
0.212015	81.0822	74.0926	11.8502	19.6678	41.1641	0.023125	0.255848	5.15489
0.213015	81.1989	73.956	10.8507	19.2581	40.9807	0.023438	0.354337	5.13719
0.214015	81.1989	73.956	11.4218	19.5313	40.5527	0.022188	0.354337	5.12219
0.215015	80.9255	73.956	10.8507	18.9849	39.9485	0.019688	0.551716	5.17344
0.216018	81.1989	74.0926	10.8507	19.8044	38.8449	0.020938	0.255848	5.17989
0.217018	81.3356	73.956	11.536	20.0776	39.5458	0.020938	0.354337	5.18187
0.218018	80.9255	73.8828	11.3078	17.8923	40.8913	0.020313	0.255848	5.18344
0.219018	81.7458	73.956	12.2213	19.3947	41.2948	0.019688	0.354337	5.18187
0.220018	81.1989	74.0926	11.0791	18.7118	41.3985	0.020313	0.058289	5.17312
0.221018	81.0822	73.956	11.7644	19.5313	41.8328	0.02125	0.749095	5.17658
0.222018	81.4724	73.4096	11.3078	18.7118	41.1967	0.02125	0.255848	5.17989
0.223018	81.1989	73.956	11.4218	19.5313	40.0962	0.022188	0.453027	5.17989
0.224018	81.0822	74.0926	11.0791	19.3947	38.8678	0.023125	0.354337	5.17844
0.225018	81.0822	73.956	11.4218	19.6678	38.7103	0.019375	0.156959	5.1775
0.226018	81.8091	74.0926	11.1933	18.7118	39.3421	0.02125	0.255848	5.18094
0.227018	81.7458	73.8828	11.3078	19.1215	39.8802	0.020825	0.156959	5.18219
0.228018	81.0822	73.956	11.3078	19.8044	40.4223	0.020825	-0.04042	5.17908
0.229018	81.4724	74.0926	11.1933	18.4388	40.3122	0.020825	0.354337	5.18219
0.230017	80.7888	74.0926	12.3355	19.2581	40.1614	0.022188	0.304993	5.13869
0.231017	80.5163	74.0926	11.3078	18.7118	39.8824	0.021583	0.206303	5.11969
0.232017	81.0822	74.2292	10.8507	19.6678	38.1016	0.023125	0.551716	5.18094
0.233017	81.3356	73.8828	11.4218	19.3947	38.4495	0.0225	0.453027	5.18781
0.234017	81.0822	73.956	11.1933	19.5313	38.8272	0.022813	0.453027	5.17469
0.235017	81.1989	74.0926	11.1933	18.8483	40.6505	0.020938	0.068269	5.17908
0.236017	81.3356	73.4096	11.536	19.3947	41.0663	0.019688	0.304993	5.18594
0.237017	81.1989	73.956	11.1933	17.8923	41.3109	0.0175	0.255848	5.18187
0.238017	81.1989	74.0926	11.7644	19.3947	41.2948	0.019688	0.068269	5.17837
0.239017	81.0822	73.956	11.3078	20.2142	40.7321	0.020825	0.255848	5.17719
0.240017	81.0822	73.8828	11.1933	18.8483	39.9535	0.020313	0.453027	5.17844
0.241017	81.3356	73.4096	12.3355	19.2581	38.8	0.020825	0.354337	5.18406
0.242017	81.3356	73.956	10.8507	19.1215	37.7769	0.021583	0.304993	5.18219
0.243017	81.0822	74.2292	11.536	19.3947	38.5718	0.021583	0.551716	5.17989
0.244018	81.1989	73.956	11.536	18.4388	39.1179	0.021583	0.453027	5.18094
0.245018	80.7888	74.839	11.4218	18.8483	39.5745	0.02125	0.304993	5.18344
0.246018	81.1989	73.4096	11.3078	18.7118	39.6784	0.022813	0.206303	5.17582
0.247018	81.0822	74.3858	10.8507	18.8483	39.444	0.019688	0.403882	5.14969
0.248018	80.7888	74.0926	11.3078	18.9849	39.175	0.020938	0.156959	5.12719
0.249018	80.5153	74.0926	11.1933	18.7118	38.5718	0.022813	0.156959	5.13469
0.250018	81.1989	73.8828	11.1933	19.8044	38.5108	0.021583	0.255848	5.19438
0.251018	81.1989	74.0926	11.4218	19.5313	39.872	0.021583	0.255848	5.18062
0.252018	81.3356	74.0926	10.8507	19.3947	40.6689	0.021875	0.206303	5.18344
0.253018	81.1989	74.2292	11.0791	18.8483	41.1315	0.020825	0.206303	5.17781
0.254018	81.0822	73.8194	11.1933	19.5313	41.372	0.020938	0.749095	5.18344
0.255018	81.1989	74.5024	11.0791	19.2581	41.4658	0.02125	0.206303	5.18499
0.256018	81.1989	74.0926	11.0791	18.8483	41.0626	0.020938	0.304993	5.18658
0.257019	81.1989	73.956	11.3078	19.1215	40.3897	0.020825	0.354337	5.18219
0.258019	81.0822	73.956	11.1933	18.1854	39.4114	0.021583	0.255848	5.17844
0.259019	81.3356	73.956	11.3078	19.3947	38.2375	0.022188	0.354337	5.18406

0.260019	80.9255	74.2292	10.3938	18.302	39.1057	0.020938	0.058269	5.18658
0.261019	81.0822	73.8828	11.7644	19.941	39.5337	0.022188	0.156959	5.18469
0.262019	81.1989	73.956	10.9849	18.7118	40.0228	0.020938	0.453027	5.18094
0.263019	81.3356	73.956	12.7924	19.2581	39.8435	0.023438	0.453027	6.17989
0.264019	81.3356	73.8828	11.0791	18.302	39.6478	0.02	0.354337	5.15781
0.265019	81.0822	73.956	11.1933	19.2581	39.1869	0.02125	0.354337	5.13989
0.266019	81.3356	73.8828	10.7365	18.7118	38.5555	0.0225	0.551718	5.12469
0.267019	81.0822	73.956	11.9929	19.3947	38.8815	0.02376	0.453027	5.17281
0.268019	81.0822	73.956	11.0791	18.302	39.925	0.021563	0.156959	5.18531
0.269019	81.1989	73.8194	11.1933	18.9849	41.213	0.020938	0.058269	5.18437
0.270019	81.0822	73.956	11.0791	18.9849	41.6482	0.024063	0.156959	5.18469
0.27102	81.1989	73.8828	11.1933	18.9849	41.9753	0.02125	0.058269	5.18344
0.27202	81.3356	74.0926	11.1933	19.2581	41.983	0.021563	0.107814	5.17989
0.27302	81.1989	74.0926	10.8507	18.4388	41.8652	0.017613	0.206303	5.18437
0.27402	81.0822	73.8194	11.7644	18.8483	41.1478	0.020625	0.354337	5.19094
0.27502	81.0822	74.0926	10.8507	19.1215	38.7758	0.02125	0.206303	5.18375
0.27602	81.0822	73.956	10.8507	17.8923	38.8856	0.0225	0.551718	5.18281
0.27702	81.1989	74.0926	11.8502	18.7118	40.031	0.023438	0.255648	5.18219
0.27802	81.4724	73.8194	10.7365	18.8483	40.2755	0.021875	0.354337	5.18844
0.27902	81.3356	73.956	11.3076	18.9849	40.1896	0.025313	0.156959	5.18719
0.28002	81.3356	73.956	11.536	18.9849	40.2837	0.020313	0.304993	5.18531
0.28102	81.3356	73.956	11.0791	18.9849	39.8109	0.022188	0.255648	6.16812
0.28202	80.7888	74.0926	11.3076	19.1215	38.9141	0.021563	0.354337	5.14656
0.28302	80.7888	74.639	11.0791	19.5313	38.4372	0.020938	0.166959	5.12719
0.28402	81.0822	73.956	11.1933	18.8483	38.5188	0.020313	0.354337	6.14656
0.285021	80.9255	73.956	11.3076	18.7118	39.7457	0.020313	0.304993	5.19094
0.286021	80.7888	74.5024	11.536	18.8483	40.3387	0.021563	0.502371	5.17408
0.287021	81.1989	74.0926	11.3076	18.8483	41.3231	0.02375	0.749085	5.17908
0.288021	81.1989	74.3858	10.7365	18.9849	41.5921	0.021563	0.354337	5.17989
0.289021	81.0822	74.2292	11.4218	19.2581	41.3883	0.024375	0.166959	5.17844
0.290021	81.0822	74.0926	11.1933	19.1215	41.6043	0.023125	0.058269	5.17376
0.291021	81.0822	74.0926	11.4218	19.2581	39.3289	0.021563	0.255648	5.17562
0.292021	81.0822	73.956	11.3076	18.7118	38.1234	0.023125	0.156959	5.17844
0.293021	80.9255	73.8828	11.1933	18.0288	39.6234	0.020938	0.255648	5.18156
0.294021	81.1989	74.5024	11.1933	20.0776	40.0514	0.020313	0.156959	5.17844
0.295021	81.0822	74.3858	11.4218	19.2581	39.9413	0.020938	0.206303	5.17344
0.296021	81.0822	73.956	11.4218	18.9849	40.3285	0.021563	0.255648	5.175
0.297021	81.3356	74.5024	11.536	18.4388	40.0638	0.021875	0.156959	5.17844
0.298021	81.1989	73.8194	11.3076	18.302	39.5052	0.021563	0.156959	5.17562
0.299022	80.9255	74.0926	10.8507	18.4388	38.8	0.021875	0.850406	5.15438
0.300022	81.3356	74.0926	11.3076	18.9849	38.0622	0.024063	0.166959	5.12719
0.301022	81.1989	74.2292	10.7365	19.1215	37.6913	0.023125	0.453027	5.11781
0.302022	80.7888	74.0926	11.4218	18.9849	38.9427	0.019083	0.354337	5.17562
0.303022	80.2419	74.0926	11.536	18.9849	40.0351	0.020313	0.266648	5.18219
0.304022	81.1989	74.2292	11.3076	18.5752	40.675	0.019083	0.255648	5.17531
0.305022	81.8826	73.956	11.0791	18.9849	40.9848	0.022188	0.354337	5.17408
0.306022	81.0822	74.2292	11.0791	18.7118	41.0174	0.021563	0.354337	5.17469
0.307022	81.0822	74.0926	12.7924	18.1654	40.8625	0.020313	0.304993	5.18156
0.308022	80.9255	74.0926	11.536	18.302	39.0894	0.022188	0.008924	5.17656
0.309022	81.3356	73.956	11.536	19.5313	38.1784	0.0225	0.304993	5.17688
0.310022	81.8091	74.0926	11.4218	19.2581	39.8886	0.023125	0.255648	5.17688
0.311022	81.0822	74.0926	11.3076	19.5313	40.1859	0.0225	0.107814	5.17812

0.312022	81.0622	73.856	11.1933	18.9849	40.3326	0.024063	0.255848	5.18094
0.313023	80.7888	74.2292	11.1933	18.8483	40.6016	0.018375	0.650406	5.17781
0.314023	81.1989	74.2292	11.3078	19.2581	40.2755	0.021875	0.354337	5.17719
0.315023	81.0622	73.8828	11.536	19.2581	39.7946	0.020938	0.158959	5.17781
0.316023	81.0622	73.8828	11.7844	20.4873	39.3014	0.020313	0.107614	5.18969
0.317023	81.0622	74.2292	11.536	19.2581	38.531	0.022188	0.453027	5.14594
0.318023	80.9255	74.0926	11.0791	17.2094	38.3924	0.02125	0.354337	5.12469
0.319023	81.7458	74.2292	11.7844	19.1215	39.7864	0.024063	0.008924	5.14084
0.320023	81.0622	73.8828	11.4218	19.5313	40.4304	0.020313	0.158959	5.18969
0.321023	81.3356	74.2292	11.3078	18.9849	41.1915	0.02125	0.502371	5.17906
0.322023	81.0622	74.639	11.4218	18.9849	41.3965	0.019688	0.058269	5.18437
0.323023	81.0622	73.956	11.8502	18.0288	41.282	0.024888	0.453027	5.17844
0.324023	81.0622	73.956	11.536	19.3947	40.5609	0.021563	0.158959	5.17969
0.325023	81.0622	74.639	12.2213	19.8044	38.7919	0.022188	0.453027	5.17937
0.326023	81.0622	74.2292	11.7844	18.7118	38.8	0.021563	0.255848	5.18858
0.327024	81.0622	74.0926	11.3078	19.8678	38.9902	0.018125	0.158959	5.18887
0.328024	81.0622	74.0926	11.0791	18.7118	40.5364	0.020938	0.354337	5.1826
0.329024	80.6521	73.956	11.536	18.9849	40.9318	0.020625	0.008924	5.18344
0.330024	81.3356	74.2292	10.8507	18.4386	40.9828	0.01875	0.158959	5.18437
0.331024	81.0622	73.956	11.3078	18.8483	41.0582	0.01875	0.354337	5.18719
0.332024	81.1989	74.2292	11.4218	18.8483	40.512	0.019688	0.748086	5.18719
0.333024	81.1989	73.8828	11.8502	19.8044	39.9413	0.022188	0.304993	5.17969
0.334024	81.0622	73.956	11.1933	18.9849	39.1261	0.022813	0.453027	5.15969
0.335024	81.0622	74.0926	11.4218	18.7118	39.3828	0.020938	0.255848	5.14084
0.336024	80.5153	73.956	11.1933	18.9849	40.3887	0.021875	0.354337	5.12781
0.337024	81.3356	74.0926	11.8502	19.3947	41.2334	0.021875	0.354337	5.16344
0.338024	81.0622	74.0926	11.536	18.7118	41.7022	0.019688	0.304993	5.18219
0.339024	81.3356	74.0926	11.7844	19.5313	41.2701	0.01875	0.058269	5.18469
0.340024	81.0622	74.3658	10.7365	18.7118	41.0174	0.020625	0.354337	5.18658
0.341025	80.6521	74.0926	11.0791	18.302	40.7158	0.019688	0.158959	5.18158
0.342025	80.9255	73.8194	11.4218	18.4386	39.0772	0.023438	0.255848	5.17812
0.343025	81.0622	73.956	11.3078	18.7118	38.2294	0.021563	0.453027	5.17719
0.344025	81.0622	74.0926	11.8502	19.5313	39.4848	0.022813	0.354337	5.18687
0.345025	80.9255	74.0926	11.0791	19.2581	39.925	0.025625	0.304993	5.18469
0.346025	81.3356	74.2292	11.3078	18.7118	39.9578	0.020313	0.206303	5.18344
0.347025	81.3356	73.956	11.7844	19.1215	40.3611	0.022813	0.502371	5.17781
0.348025	81.3356	73.8828	11.8502	18.8483	40.3285	0.019063	0.158959	5.18156
0.349025	80.2419	73.956	11.1933	20.0778	39.7701	0.020938	0.058269	5.18469
0.350025	80.7888	74.5024	11.4218	19.1215	39.1139	0.019063	0.354337	5.18469
0.351025	81.3356	73.956	11.3078	18.7118	38.4006	0.021875	0.255848	5.18219
0.352025	81.3356	73.8828	10.3938	17.3459	39.4350	0.019063	-0.089765	5.13719
0.353025	81.0622	74.3658	10.8507	19.3947	40.3652	0.022813	0.304993	5.11969
0.354025	81.3356	74.0926	11.8502	18.7118	40.8196	0.021563	0.801061	5.15344
0.355026	81.1989	73.956	11.536	18.7118	41.0663	0.019688	0.354337	5.18094
0.356026	81.3356	74.0926	11.9929	18.9849	41.213	0.024063	0.354337	5.17888
0.357026	81.3356	74.839	11.1933	18.7118	40.7973	0.019688	0.453027	5.18158
0.358026	81.0622	74.2292	10.8507	19.2581	39.9658	0.019688	0.158959	5.18625
0.359026	81.0622	73.956	11.536	18.9849	39.0242	0.022813	0.107614	5.18469
0.360026	81.0622	74.0926	11.4218	19.2581	37.834	0.020938	0.354337	5.18094
0.361026	81.7458	73.8194	11.1933	19.5313	38.1071	0.023125	0.354337	5.17719
0.362026	81.3356	73.956	11.1933	18.9849	38.8856	0.021563	0.107614	5.18094
0.363026	81.1989	73.8194	10.8507	17.7557	39.4155	0.018125	-0.13911	5.18094

0.364026	81.0622	73.956	11.0791	18.9849	39.5052	0.020313	0.354337	5.18281
0.365026	81.0622	73.8828	11.7644	18.8483	39.4522	0.022188	0.897129	5.18094
0.366026	81.3356	73.8194	11.536	18.8483	39.2402	0.022188	0.304993	5.17825
0.367026	80.9255	74.0926	11.3076	18.7118	38.5351	0.022188	0.453027	5.18408
0.368026	81.0622	74.2292	10.8507	19.5313	38.2946	0.019375	0.354337	5.17969
0.369027	81.0622	74.639	11.536	19.3947	39.5826	0.020625	0.453027	5.15469
0.370027	81.0622	74.0926	10.8507	18.9849	40.3978	0.023438	0.403682	5.12969
0.371027	81.1989	73.8828	11.7644	18.8483	40.9369	0.022188	0.354337	5.12656
0.372027	81.6091	73.956	11.7644	19.8044	41.3435	0.020625	0.354337	5.18719
0.373027	81.1989	73.956	11.4218	18.9849	41.3353	0.02125	0.255648	5.18344
0.374027	81.6091	73.5482	9.70852	17.3459	41.1723	0.016875	-0.13911	5.18344
0.375027	81.3356	74.2292	10.9649	18.4388	40.5201	0.021563	0.255648	5.17969
0.376027	81.3356	73.8828	11.4218	18.9849	39.5622	0.0225	0.749095	5.18156
0.377027	81.0622	73.956	11.7644	19.1215	38.3596	0.020313	0.107814	5.18583
0.378027	81.0622	74.0926	11.3076	19.5313	38.9019	0.023438	0.354337	5.18469
0.379027	80.9255	74.2292	11.4218	19.2581	39.2239	0.021875	0.107814	5.18531
0.380027	81.3356	74.0926	11.536	19.5313	39.819	0.021563	0.158959	5.17781
0.381027	81.3356	73.8828	11.8502	19.2581	40.137	0.020938	0.551716	5.18344
0.382028	81.1989	73.4096	11.536	18.1654	39.5133	0.020313	0.107814	5.18658
0.383028	81.0622	74.2292	11.536	20.4873	39.0364	0.019375	0.255648	5.18656
0.384028	81.0622	73.8194	11.3076	18.302	38.9957	0.02125	0.354337	5.18187
0.385028	81.0622	74.2292	10.3938	16.7996	38.2701	0.017188	-0.237799	5.17937
0.386028	81.1989	73.8194	10.2796	18.7118	39.4196	0.019688	0.158959	5.18219
0.387028	81.0622	73.956	11.3076	18.9849	41.1927	0.020938	0.453027	5.14344
0.388028	80.7888	73.956	11.4218	19.1215	41.2049	0.022188	0.551716	5.12656
0.389028	80.7888	73.8828	11.4218	18.5752	41.8448	0.025625	0.453027	5.16937
0.390028	81.0622	73.956	10.9649	18.7118	41.8815	0.020625	0.255648	5.18281
0.391028	81.1989	74.0926	11.8787	18.302	42.2158	0.021563	0.354337	5.18408
0.392028	80.7888	73.8828	11.536	19.1215	41.213	0.021563	0.255648	5.18719
0.393028	81.1989	73.8828	11.3076	18.9849	39.1098	0.021563	0.304993	5.18531
0.394028	80.7888	74.2292	11.4218	18.7118	38.8574	0.022188	0.304993	5.17908
0.395028	81.1989	73.956	11.8502	18.4388	39.6071	0.022188	0.158959	5.17969
0.396029	81.1989	74.0926	11.536	18.0288	40.2226	0.018438	0.206303	5.18856
0.397029	81.1989	73.956	10.8223	18.8483	39.9802	0.01875	0.206303	5.18219
0.398029	81.3356	73.5482	10.9649	18.1654	40.2226	0.021563	0.749095	5.18344
0.399029	81.1989	73.8828	11.536	18.8483	39.9332	0.021875	0.158959	5.18094
0.400029	81.1989	74.0926	11.536	19.5313	38.8285	0.025313	0.354337	5.18469
0.401029	80.7888	74.839	11.3076	18.7118	38.6482	0.020938	0.058269	5.18656
0.402029	80.7888	73.956	11.0791	18.8483	38.156	0.020313	0.255648	5.18408
0.403029	81.0622	74.0926	11.1933	19.1215	39.2973	0.021563	0.255648	5.18594
0.404029	81.3356	74.0926	11.1933	18.7118	40.2837	0.020313	0.255648	5.14531
0.405029	81.3356	73.5482	11.536	20.3507	40.9073	0.020938	0.304993	5.12908
0.406029	80.7888	74.2292	11.4218	18.5752	41.4331	0.020625	0.502371	5.14219
0.407029	81.3356	74.2292	11.3076	17.3459	41.8451	0.019688	0.158959	5.19469
0.408029	81.3356	73.5482	10.8507	17.8923	41.1888	0.0225	0.255648	5.17594
0.409029	81.3356	74.2292	10.7365	18.1654	40.3	0.021563	0.850406	5.18281
0.41003	81.3356	73.8828	11.8502	18.9849	38.4817	0.022813	0.058269	5.18594
0.41103	80.7888	73.8828	11.1933	19.2581	38.5718	0.023438	0.304993	5.18844
0.41203	81.7458	73.956	11.3076	18.7118	40.0595	0.020938	0.255648	5.18094
0.41303	81.3356	73.273	11.1933	19.5313	40.4916	0.019688	0.206303	5.17719
0.41403	81.0622	74.2292	11.1933	18.5752	39.7131	0.019688	0.158959	5.18187
0.41503	81.0622	73.8828	11.1933	18.9849	40.0391	0.017813	0.158959	5.18656

0.41609	81.1989	73.956	11.4218	18.7118	39.9658	0.020313	0.058269	5.18887
0.41703	80.5153	73.956	11.3078	18.5752	38.8662	0.023125	0.304993	5.18219
0.41803	81.1989	74.2292	12.6782	19.2581	38.1276	0.02125	0.354337	5.18344
0.41803	80.2419	74.0926	10.3938	18.302	37.8383	0.021875	-0.04042	5.18344
0.42003	81.3356	73.956	10.8507	18.1854	38.5025	0.022188	0.850406	5.18219
0.42103	81.0622	74.2292	11.1933	18.9849	39.5622	0.019688	0.304993	5.15875
0.42203	81.3356	73.956	11.536	18.8483	40.4019	0.02375	0.502371	5.13531
0.42303	80.2419	73.956	11.4218	19.5313	41.0011	0.023125	0.255648	5.12219
0.424031	81.1989	73.956	11.536	19.5313	41.0133	0.019688	0.206303	5.18281
0.425031	80.9255	74.2292	11.0791	19.1215	40.6098	0.01875	0.255648	5.18781
0.426031	81.3356	73.5462	11.536	19.2581	39.7946	0.022188	0.354337	5.18489
0.427031	81.0622	73.956	11.536	19.5313	38.0626	0.022813	0.502371	5.18062
0.428031	81.1989	74.0926	11.3078	18.302	38.1913	0.021663	0.158959	5.18375
0.429031	81.3356	74.2292	12.1071	19.5313	39.8109	0.020938	0.304993	5.18594
0.430031	81.3356	74.2292	10.8507	18.9849	40.2022	0.021875	0.158959	5.18219
0.431031	81.3356	73.956	10.8507	18.7118	40.3774	0.022813	0.403682	5.18094
0.432031	81.1989	73.956	11.3076	18.8849	40.3	0.022188	0.255648	5.1775
0.433031	81.1989	74.2292	10.8507	18.7118	39.9087	0.020938	0.304993	5.18344
0.434031	81.0622	74.2292	11.1933	19.5313	39.5419	0.020938	0.107614	5.18887
0.435031	81.3356	73.956	11.3078	19.3947	38.7674	0.023125	0.354337	5.18594
0.436031	81.0622	74.2292	11.1933	18.1854	38.1234	0.02125	0.561716	5.18281
0.437031	81.1989	74.2292	11.6502	18.7118	39.1424	0.020313	0.354337	5.18062
0.438032	81.0622	74.0926	11.7844	20.0778	40.1859	0.019688	0.502371	5.17344
0.439032	81.0622	74.2292	11.536	19.2581	40.7932	0.020825	0.354337	5.14989
0.440032	80.9255	73.956	12.1071	18.7118	41.2701	0.022188	-0.04042	5.13031
0.441032	81.0622	73.956	10.8507	18.7118	41.1478	0.020938	0.354337	5.14406
0.442032	80.9255	73.956	11.4218	19.3947	40.8829	0.021563	0.749095	5.1925
0.443032	80.5153	73.8826	11.3076	18.8483	39.6886	0.019688	0.850406	5.18437
0.444032	81.0622	74.0926	11.3076	19.2581	37.9318	0.019688	0.453027	5.18594
0.445032	81.0622	73.8194	11.3076	18.9849	39.3788	0.024063	0.304993	5.17989
0.446032	81.3356	73.956	11.1933	18.8483	40.6587	0.0175	0.453027	5.1775
0.447032	81.3356	73.8826	11.3076	18.7118	40.6869	0.021563	0.255648	5.17781
0.448032	81.0622	73.956	11.0791	18.9849	40.512	0.019063	0.255648	5.18375
0.449032	81.1989	74.2292	11.3076	20.3507	40.997	0.02125	0.158959	5.18344
0.450032	81.0622	73.956	11.3076	18.4386	40.8462	0.021563	0.158959	5.17719
0.451032	81.1989	73.8194	12.4497	19.5313	40.0799	0.021563	0.453027	5.17989
0.452033	80.9255	74.0926	11.0791	18.4386	39.1913	0.019688	0.502371	5.18281
0.453033	81.3356	73.956	11.4218	18.8483	38.8612	0.020313	0.749095	5.18594
0.454033	81.1989	74.0926	11.1933	19.5313	39.9576	0.02125	0.206303	5.18219
0.455033	81.0622	74.5024	11.1933	18.7118	40.6913	0.022813	0.502371	5.17531
0.456033	81.3356	73.8194	11.536	19.2581	41.3312	0.0225	0.158959	5.15594
0.457033	81.3356	73.956	11.3076	19.2581	41.4331	0.020938	0.354337	5.13989
0.458033	81.0622	74.0926	11.8787	19.2581	41.2457	0.021875	0.255648	5.13125
0.459033	81.3356	73.4096	11.536	18.9849	40.6261	0.022188	0.206303	5.18406
0.460033	81.0622	73.8194	11.3076	19.1215	39.6886	0.020825	0.354337	5.18594
0.461033	80.6521	73.956	10.8507	18.7118	38.2579	0.021563	0.206303	5.18489
0.462033	81.7468	74.0926	12.2213	19.1215	38.6896	0.019375	0.304993	5.19219
0.463033	80.9255	74.5024	10.8223	18.7118	39.5785	0.021875	-0.089766	5.18531
0.464033	81.3356	73.956	11.1933	18.302	39.9087	0.020938	0.354337	5.18375
0.465033	81.1989	73.8826	11.536	18.8483	40.0391	0.020938	0.158959	5.17989
0.466034	81.0622	74.7758	11.4218	18.9849	40.2022	0.021563	0.107614	5.18719
0.467034	81.0622	73.956	11.536	18.1854	39.925	0.020825	0.304993	5.18844

0.468034	81.6091	74.0926	11.7644	18.9849	39.2851	0.019375	0.502371	5.18719
0.469034	81.1989	74.2292	11.0791	19.1215	38.5026	0.02125	0.304993	5.18158
0.470034	81.1989	73.956	10.8507	18.9849	38.7185	0.019063	-0.04042	5.18408
0.471034	81.1989	73.956	10.508	19.5313	38.8516	0.017913	0.354337	5.18719
0.472034	81.0822	74.0926	11.536	18.9849	40.512	0.019688	0.403882	5.18469
0.473034	81.1989	74.0926	12.2213	18.8483	40.9522	0.024063	0.354337	5.16531
0.474034	80.7888	74.0926	11.0791	18.8483	41.06	0.023438	0.255648	5.13989
0.475034	81.0822	74.0926	11.3076	18.9849	40.8951	0.022613	0.948474	5.12406
0.476034	81.1989	74.3658	10.7365	18.8483	40.2837	0.02125	0.255648	5.15989
0.477034	81.0822	74.2292	11.1933	19.1215	38.4196	0.022613	0.354337	5.19906
0.478034	80.7888	74.0926	11.6502	19.5313	38.2864	0.023438	0.158959	5.16219
0.479034	81.6091	73.956	11.0791	19.3947	37.6872	0.019688	0.354337	5.18408
0.480035	81.3356	74.0926	11.3076	19.5313	38.5188	0.019063	0.158959	5.18469
0.481035	81.0822	73.956	11.3076	19.3947	39.1179	0.019375	0.158959	5.16781
0.482035	81.1989	74.0926	11.1933	20.6239	39.4277	0.020938	0.206303	5.18563
0.483035	81.8826	73.956	11.0791	18.9849	39.2728	0.021563	0.551716	5.16406
0.484035	81.3356	73.956	11.8787	19.2581	38.3381	0.021563	0.304993	5.16844
0.485035	81.4724	73.956	10.8507	19.3947	38.8815	0.0225	0.255648	5.18469
0.486035	81.1989	74.2292	10.7365	19.2581	38.1112	0.021563	0.354337	5.18437
0.487035	81.7458	73.8194	11.3076	19.1215	38.7919	0.020938	0.354337	5.18158
0.488035	81.3356	74.0926	11.0791	18.9849	39.9658	0.020938	1.04516	5.17906
0.489035	81.1989	73.956	11.0791	18.9849	40.5242	0.020938	1.93337	5.18094
0.490035	81.1989	74.2292	11.4218	19.6878	41.1764	0.019063	3.21833	5.17469
0.491035	80.5153	73.8194	11.0791	18.4386	41.3842	0.021563	4.20322	5.16062
0.492035	81.1989	74.3658	11.0791	18.4386	41.1478	0.022188	5.23948	5.12969
0.493035	81.0822	73.956	11.4218	20.2142	40.9196	0.025313	5.73291	5.12437
0.494036	81.0822	73.956	11.6502	18.302	40.2103	0.022188	6.2757	5.1675
0.495036	81.0822	74.639	10.8507	19.1215	38.8408	0.02125	6.67046	5.16563
0.496036	80.5153	74.0926	11.3076	18.4386	38.1478	0.021875	6.2757	5.18344
0.497036	81.1989	73.956	11.3076	18.7118	39.0446	0.022188	6.52242	5.17812
0.498036	81.1989	74.0926	10.8507	18.8483	39.5785	0.814687	5.88094	5.00631
0.499036	81.3356	73.956	10.8507	18.7118	39.8272	5.30989	5.23946	4.37406
0.500036	81.1989	74.0926	10.8507	19.3947	39.4726	5.20583	4.69667	4.52584
0.501036	81.0822	74.0926	11.1933	18.7118	39.8761	5.34219	4.06519	4.51694
0.502036	81.0822	73.8194	10.8507	18.4386	38.5448	5.38656	3.85781	4.54719
0.503036	81.8826	74.5024	11.6502	18.7118	37.9807	5.43313	3.70978	4.55584
0.504036	81.0822	73.6828	11.3076	19.5313	39.1424	5.47531	3.66043	4.58875
0.505036	81.0822	73.956	11.536	19.2581	40.1288	5.51344	3.70978	4.58084
0.506036	81.3356	74.2292	11.6502	18.9849	41.3435	5.54781	3.75912	4.59084
0.507037	81.8826	74.2292	11.3076	19.2581	41.1987	5.57489	3.9585	4.59719
0.508037	80.9255	74.3658	11.0791	18.7118	41.8386	5.58594	4.49929	4.59489
0.509037	81.1989	73.956	11.0791	19.3947	42.2524	5.59094	4.84733	4.58344
0.510037	81.3356	73.956	11.3076	18.9849	41.1801	5.58656	4.89405	4.57781
0.511037	81.0822	73.956	11.1933	19.5313	40.8913	5.66656	5.26881	4.62219
0.512037	81.1989	73.956	11.3076	18.9849	38.3924	5.70344	5.48619	4.64219
0.513037	81.3356	73.956	10.7365	19.5313	39.0935	5.71989	5.88357	4.64469
0.514037	81.3356	73.6828	11.536	19.5313	39.3788	5.74219	5.8316	4.65406
0.515037	80.9255	74.0926	10.8507	21.7168	40.3	5.76158	5.88357	4.6575
0.516037	81.0822	74.2292	11.1933	19.5313	40.3285	5.77888	5.88357	4.66219
0.517037	80.9255	74.0926	10.8507	20.6239	39.3603	5.79489	5.48619	4.66937
0.518037	81.1989	73.956	11.536	21.7168	39.8234	5.81406	5.3875	4.67625
0.519037	80.7888	73.956	11.0791	21.7168	39.1016	5.83406	5.09143	4.68313

0.520037	80.9255	73.956	11.536	22.8092	37.5405	5.84781	4.84339	4.68844
0.521038	81.1989	73.6828	11.0791	22.8092	38.7348	5.88469	4.49929	4.69344
0.522038	81.1989	74.2292	11.4218	23.219	39.8478	5.88188	4.15388	4.69844
0.523038	81.1989	73.956	11.4218	23.6287	40.0717	5.88656	3.85781	4.70594
0.524038	80.9255	74.2292	10.8507	23.3558	41.3924	5.90969	3.70978	4.70969
0.525038	81.1989	73.4096	12.2213	23.4921	41.1723	5.91969	3.70978	4.70969
0.526038	81.1989	73.6828	11.3076	23.3558	41.2701	5.90844	3.41371	4.69469
0.527038	81.1989	74.2292	11.9929	23.0824	41.2701	5.90188	3.9565	4.68219
0.528038	81.4724	73.8194	12.3355	23.3558	39.1913	5.91469	3.9565	4.69031
0.529038	81.1989	74.0926	11.8787	23.219	38.0663	5.98719	3.9565	4.73969
0.530038	81.1989	74.0926	11.4218	22.9458	39.387	5.98969	4.49929	4.73719
0.531038	81.3356	73.8194	12.3355	23.0824	39.8842	6.00469	4.98274	4.74344
0.532038	81.3356	74.2292	12.584	22.8092	39.7375	6.01594	4.74802	4.74719
0.533038	80.5153	74.2292	12.4497	22.8092	40.1207	6.02594	5.04208	4.7525
0.534038	81.7458	73.956	12.1071	21.9897	39.9578	6.03582	5.04208	4.75531
0.535038	81.0622	74.2292	11.8787	22.6726	39.1587	6.04844	5.09143	4.75969
0.536038	81.3356	73.956	12.3355	22.5381	38.7833	6.06219	5.04208	4.76887
0.537038	81.1989	73.956	12.6782	22.8092	37.7158	6.07156	5.09143	4.78969
0.538038	81.3356	74.2292	13.1351	22.6726	37.1981	6.08531	4.94339	4.77406
0.539038	81.3356	74.3658	12.4497	21.9897	38.0364	6.09344	5.28881	4.77781
0.540038	80.7886	73.8194	12.3355	21.4434	39.8886	6.10219	5.09143	4.78125
0.541038	81.3356	73.956	12.9068	22.8092	40.3245	6.11219	5.09143	4.78531
0.542038	81.0622	74.639	12.6782	21.9897	41.1478	6.12219	5.19012	4.79156
0.543038	81.1989	74.0926	13.1351	23.219	40.8543	6.11406	4.89405	4.77969
0.544038	81.3356	73.8828	13.3835	22.9458	40.1814	6.10281	5.19012	4.78594
0.545038	81.3356	73.956	12.4497	23.3558	39.387	6.08969	5.09143	4.75406
0.546038	81.0622	74.3658	13.3835	23.3558	38.1152	6.13261	5.48819	4.78658
0.547038	81.1989	73.8194	13.7061	24.4482	38.9753	6.17969	5.78225	4.81908
0.548038	81.1989	73.956	13.4777	26.0872	40.0473	6.17856	5.73291	4.8125
0.54904	81.3356	74.2292	13.5919	25.814	40.2674	6.19094	5.88084	4.82219
0.55004	81.3356	74.0926	13.9346	26.3804	40.0554	6.19719	6.2757	4.82188
0.55104	81.3356	74.0926	13.3835	25.4043	40.2185	6.20344	5.78225	4.82594
0.55204	81.3356	74.0926	13.3835	27.459	39.7742	6.21281	6.2757	4.82906
0.55304	81.1989	74.2292	13.5919	27.9893	39.0242	6.22437	6.37439	4.83719
0.55404	80.6521	73.8828	14.5057	29.9115	38.5799	6.23438	6.62111	4.84156
0.55504	81.8826	74.639	14.5057	29.7749	38.2375	6.24408	6.47308	4.84437
0.55604	81.1989	74.2292	14.5057	29.3852	39.4788	6.24844	6.62111	4.84875
0.55704	81.0622	73.956	15.191	30.4578	40.1859	6.25688	6.7198	4.85219
0.55804	81.3356	74.2292	14.5057	31.0042	40.838	6.26469	6.52242	4.85562
0.55904	81.0622	74.0926	14.9625	31.2773	41.1886	6.27094	6.47308	4.85969
0.56004	81.1989	74.0926	15.4194	31.0042	41.209	6.27969	6.42374	4.86219
0.56104	81.3356	73.956	15.4194	31.1407	40.569	6.26344	6.22656	4.84719
0.56204	81.3356	73.956	15.4194	30.4578	38.5391	6.24563	5.88094	4.83156
0.563041	81.3356	73.956	15.7821	31.5505	38.3843	6.23531	6.02898	4.82125
0.564041	81.7458	74.2292	16.79	32.0968	39.926	6.30856	6.91718	4.87687
0.565041	81.1989	73.956	18.2188	31.5505	40.0799	6.32156	5.97963	4.88469
0.566041	81.1989	73.956	17.0185	31.8871	40.6587	6.32875	6.02898	4.88858
0.567041	80.9255	73.956	17.0185	31.5505	41.0011	6.33219	6.07832	4.88906
0.568041	81.3356	74.0926	17.3611	31.8236	40.6485	6.34281	6.07832	4.89531
0.569041	81.1989	73.956	18.1808	32.37	40.4957	6.34719	6.17701	4.89719
0.570041	81.0622	73.8828	17.818	32.37	39.9881	6.35219	6.12767	4.90094
0.571041	81.1989	74.2292	18.7317	32.5068	38.8815	6.36408	6.12767	4.90844

0.572041	81.1989	73.956	19.1888	32.9183	38.8897	6.37375	6.2757	4.91156
0.573041	81.1989	74.3658	17.7038	31.5505	40.1855	6.37937	5.97983	4.91281
0.574041	81.3356	73.956	19.1888	32.8431	40.7585	6.38469	6.22636	4.91583
0.575041	81.3356	73.956	20.2168	33.8724	41.213	6.39344	6.62242	4.92219
0.576041	81.6091	74.5024	20.1023	33.8724	41.3839	6.39969	6.88094	4.92658
0.577042	81.3356	73.956	20.5592	34.009	41.0139	6.41219	6.07832	4.93219
0.578042	81.3356	74.5024	21.7014	34.4187	40.3	6.39969	6.88094	4.92408
0.579042	81.0622	74.2292	21.7014	35.2382	39.2728	6.37969	5.88094	4.90438
0.580042	81.3356	74.0926	22.2725	35.9211	38.2131	6.38219	5.78225	4.89937
0.581042	80.9255	74.2292	22.8438	35.8479	38.7878	6.38562	5.78225	4.89344
0.582042	81.1989	74.0926	22.7293	37.0138	39.5092	6.44781	5.88094	4.85719
0.583042	81.4724	73.8828	22.7293	36.3309	39.8435	6.44408	5.88357	4.84868
0.584042	81.1989	73.956	23.3004	36.1843	39.9943	6.45219	5.23946	4.85488
0.585042	81.1989	73.8828	24.3284	37.2869	39.9817	6.48219	5.78225	4.85868
0.586042	81.3356	73.956	24.3284	38.3798	39.8841	6.48812	6.17701	4.90825
0.587042	81.3356	73.8828	24.7853	38.1084	39.0976	6.47219	5.73291	4.96719
0.588042	81.0622	74.5024	25.699	39.1891	38.1927	6.48125	5.88094	4.97094
0.589042	81.3356	73.8828	25.2421	39.3357	38.8326	6.48562	5.88357	4.97489
0.590042	81.3356	74.0926	27.0696	40.1552	39.8761	6.49656	5.73291	4.98187
0.591043	81.3356	74.3658	26.727	40.7015	40.483	6.49969	5.88357	4.98219
0.592043	81.1989	74.0926	26.9554	41.3844	40.9399	6.50719	5.97983	4.98906
0.593043	81.0622	74.0926	27.9834	41.3844	40.9726	6.51594	5.88094	4.99437
0.594043	81.0622	73.4096	28.5545	41.3844	40.4794	6.52156	6.78225	4.99658
0.595043	81.1989	74.0926	27.9834	41.2478	40.0391	6.52219	6.53553	4.99844
0.596043	81.1989	74.0926	29.0113	42.2039	39.1261	6.50969	6.97963	4.99658
0.597043	81.1989	74.2292	29.8996	43.16	37.8055	6.49156	6.78915	4.97156
0.598043	81.0622	74.0926	29.8996	43.8429	37.819	6.47812	6.07832	4.95856
0.599043	81.3356	73.8194	30.8388	44.3892	38.6044	6.49969	6.22636	4.97584
0.600043	81.3356	73.956	31.2957	44.8824	38.9631	6.50887	6.17701	5.02594
0.601043	81.3356	73.5462	31.5241	44.8824	39.3421	6.56219	6.2757	5.02344
0.602043	81.3356	73.956	32.3236	45.2087	39.3788	6.57594	5.88094	5.03156
0.603043	81.0622	74.2292	33.009	46.7111	39.1098	6.57625	6.12787	5.03094
0.604043	81.3356	73.956	33.009	48.8233	38.5595	6.58344	6.32505	5.03375
0.605044	81.6091	73.956	34.4938	47.384	38.0989	6.58658	6.42374	5.03719
0.606044	81.3356	74.0926	33.58	48.5745	38.8652	6.58562	5.78225	5.03312
0.607044	81.3356	74.5024	35.0649	48.4867	39.7131	6.59219	6.2757	5.03806
0.608044	81.4724	74.0926	36.0928	49.3082	40.8054	6.59408	6.91719	5.03806
0.609044	80.7888	74.0926	36.8839	49.7159	41.2701	6.60489	6.32505	5.04531
0.610044	81.3356	73.956	37.3492	50.672	40.9155	6.60719	6.52242	5.04719
0.611044	81.1989	74.2292	38.0345	51.2183	41.2946	6.60558	6.52242	5.04719
0.612044	81.1989	73.8828	38.1488	51.4915	40.8913	6.60719	6.67046	5.04531
0.613044	80.7888	74.0926	39.2909	52.311	39.762	6.60594	6.37439	5.04375
0.614044	81.6091	73.956	39.4052	53.4036	38.5025	6.58562	6.82111	5.02812
0.615044	81.3356	74.0926	40.3189	54.2231	38.368	6.58312	6.87046	5.00719
0.616044	81.3356	74.3658	40.5473	53.8134	39.0446	6.54344	7.06522	4.99281
0.617044	81.1989	73.5462	42.489	55.1792	39.387	6.57906	6.86784	5.02858
0.618044	81.3356	74.5024	41.9179	55.5889	39.8639	6.63281	6.7196	5.06969
0.619045	80.8521	73.956	43.0801	56.4084	39.444	6.61969	6.86784	5.06219
0.620045	81.3356	73.956	43.7454	58.3206	39.5419	6.63188	7.11456	5.06969
0.621045	81.3356	74.2292	44.7734	58.7303	39.9855	6.63094	6.86784	5.06594
0.622045	81.3356	74.2292	44.8878	58.5838	39.0989	6.62719	7.31194	5.05531
0.623045	80.8521	73.956	46.144	59.6864	39.0283	6.62969	7.2828	5.05344

0.824045	81.0622	74.0928	48.8435	60.0962	40.1044	8.83084	7.18391	5.05469
0.825045	81.3358	74.0928	48.0857	61.0522	41.0908	8.83219	7.21325	5.05656
0.826045	81.1989	74.639	48.771	62.0083	41.2946	8.83219	7.31194	5.05887
0.827045	80.5153	73.956	49.8848	62.9844	41.9875	8.83582	7.21325	5.05781
0.828045	81.3358	74.2292	51.2838	63.2375	41.4005	8.83489	7.01587	5.05876
0.829045	81.0822	73.956	51.8549	64.3302	41.5595	8.83437	7.18391	5.05594
0.830045	81.3358	73.956	52.8829	65.9892	40.4223	8.83281	7.80539	5.05469
0.831045	81.1989	74.2292	53.9108	67.335	37.8548	8.82858	7.36128	5.04825
0.832045	81.3358	74.5024	54.4819	68.1545	39.6111	8.59719	7.2628	5.02344
0.833045	81.0622	73.6828	56.081	69.1106	39.1261	6.57344	7.36128	5.00688
0.834045	81.0622	74.5024	56.5378	69.7935	39.8435	6.55887	7.21325	4.99156
0.835045	81.0622	74.2292	58.1369	70.7496	40.2919	6.82313	7.36128	5.04562
0.836045	81.0622	73.8194	58.3853	71.9788	39.2565	6.83156	7.2628	5.04844
0.837045	81.4724	73.8194	59.2781	74.0275	39.8397	6.82969	7.41083	5.04781
0.838045	81.3358	74.2292	59.8501	73.0715	38.4821	6.83156	7.36128	5.05094
0.839045	81.1989	73.956	62.1345	75.2588	37.5242	6.83156	7.45997	5.04889
0.840045	81.3358	74.0928	61.8061	75.2588	38.6655	6.82719	7.36128	5.04344
0.841045	81.1989	74.3658	63.6193	77.4421	39.2851	6.82489	8.05211	5.03969
0.842045	82.0193	74.0928	64.7815	78.9445	40.3	6.82562	7.85735	5.04219
0.843045	81.8828	73.956	65.1042	79.0811	40.9766	6.82469	7.36128	5.03969
0.844045	81.3358	74.0928	66.589	80.1737	40.8829	6.82719	7.45997	5.04168
0.845045	81.4724	73.956	67.7312	81.2864	41.5595	6.81969	7.45997	5.03719
0.846047	81.3358	74.0928	68.8449	81.8127	40.7881	6.81969	7.41083	5.03658
0.847047	81.1989	74.5024	69.7871	83.3151	38.9223	6.81937	7.45997	5.03531
0.848047	81.0622	74.0928	70.3582	85.2273	38.1968	6.81584	7.31184	5.03094
0.849047	81.8091	74.0928	71.1577	84.4078	39.0978	6.80344	7.41083	5.02084
0.850047	81.3358	73.8194	72.9852	86.0488	39.6478	6.57125	7.7067	4.99844
0.851047	81.3358	74.0928	73.2136	86.1833	39.8353	6.54375	7.85735	4.97489
0.852047	81.3358	74.0928	74.2416	87.8223	39.872	6.54219	7.85473	4.97489
0.853047	81.1989	74.2292	75.8122	88.3887	39.9332	6.81312	7.38128	5.02844
0.854047	81.3358	74.5024	76.1833	89.8711	39.1424	6.59675	7.75804	5.01887
0.855047	81.4724	73.956	77.2113	90.4174	38.1356	6.59812	7.85735	5.01658
0.856047	81.3358	74.0928	78.3634	91.6488	38.0256	6.59594	7.85735	5.01375
0.857047	81.3358	74.639	78.8103	91.9198	37.1896	6.58344	7.80801	5.01084
0.858047	81.3358	73.4086	79.8383	93.2856	38.5391	6.58719	7.75804	5.00719
0.859047	81.0622	74.0928	80.752	94.3783	39.8842	6.58469	7.75804	5.00344
0.860048	81.3358	74.2292	81.4373	95.3344	40.3122	6.58158	8.05211	5.00187
0.861048	81.1989	74.2292	83.6075	96.0173	40.6446	6.58158	7.85473	5.00489
0.862048	81.3358	74.3658	82.5795	96.0173	40.944	6.57625	7.45997	4.99556
0.863048	81.7458	73.5482	83.9501	97.1089	40.3815	6.57406	7.7067	4.99489
0.864048	81.0822	74.2292	84.6839	97.5197	39.1057	6.56812	7.95342	4.98844
0.865048	81.0822	74.2292	85.5482	98.7489	37.8218	6.56806	7.85473	4.98344
0.866048	81.3358	73.5482	86.8055	100.388	39.3462	6.56158	7.90408	4.98489
0.867048	80.5153	73.956	87.3766	100.934	40.0351	6.54812	7.75804	4.97437
0.868048	81.3358	74.639	88.082	101.207	39.9006	6.51844	7.75804	4.95094
0.869048	81.1989	74.2292	89.2041	103.12	39.9578	6.48844	8.00277	4.92937
0.870048	80.2419	74.0928	89.661	104.485	40.3328	6.50437	7.90408	4.94219
0.871048	81.8828	74.0928	90.689	103.886	39.5337	6.56312	7.85473	4.98531
0.872048	81.3358	73.956	90.9174	104.485	38.9631	6.54719	8.05211	4.97489
0.873048	81.3358	74.2292	91.7169	104.759	38.4413	6.55094	7.80801	4.97584
0.874049	81.3358	73.8194	92.6307	105.988	37.944	6.54312	8.84425	4.97156
0.875049	81.3358	74.0928	94.3438	108.038	39.3218	6.54408	8.05211	4.98989

0.678049	81.1989	74.2282	94.3438	108.038	40.1451	6.54344	7.85473	4.96844
0.677049	81.3356	74.0928	95.3719	109.402	40.5201	6.54219	8.00277	4.96781
0.676049	81.3356	74.2282	95.6003	109.129	40.8359	6.54344	8.1508	4.97156
0.675049	81.3356	74.3658	96.7425	110.788	40.9848	6.53937	7.85473	4.96438
0.680049	80.2419	73.8194	97.4278	110.632	40.3652	6.53989	7.80538	4.96856
0.681049	81.0622	73.956	97.8847	112.68	38.5962	6.53989	8.1508	4.96719
0.682049	81.3356	74.2282	99.1411	111.588	38.1806	6.64158	7.85473	4.96582
0.683049	81.0622	73.956	100.283	112.544	39.3686	6.64281	8.00277	4.97094
0.684049	81.7458	74.2282	99.4837	112.407	39.8598	6.53719	8.20014	4.98156
0.685049	81.1989	73.956	100.189	113.81	40.5448	6.51906	8.05211	4.94875
0.686049	81.3356	74.2282	100.626	114.319	40.8057	6.49489	8.1508	4.93125
0.687049	80.9255	73.4096	101.54	114.886	40.4467	6.47856	7.95342	4.91825
0.68805	81.4724	73.956	102.225	115.139	40.3489	6.50594	8.05211	4.93989
0.68905	81.3356	74.0928	102.796	115.958	39.8109	6.55856	8.10146	4.97781
0.69005	81.7458	73.4096	103.139	116.231	39.8775	6.54219	8.05211	4.96888
0.69105	80.5159	73.8194	103.967	116.914	39.5799	6.54844	8.05211	4.97469
0.69205	81.0622	74.0928	103.596	117.734	39.8109	6.54869	8.05211	4.97406
0.69305	80.7888	73.956	104.281	117.324	40.4427	6.55219	7.85473	4.97344
0.69405	81.4724	73.8194	105.537	118.417	40.9039	6.55312	8.05211	4.97437
0.69505	81.3356	74.2282	104.624	118.417	41.0704	6.55437	8.1508	4.97656
0.69605	81.3356	73.956	105.423	119.509	40.8359	6.55719	8.39752	4.97844
0.69705	81.0622	74.2282	105.423	119.373	40.2429	6.55719	8.20014	4.97719
0.69805	81.6091	73.956	105.88	120.058	39.2585	6.55969	8.05211	4.97969
0.69905	81.3356	74.0928	106.585	120.329	38.0093	6.56281	8.00277	4.98187
0.70005	81.3356	73.956	106.337	120.058	38.4739	6.5825	8.29883	4.98344
0.70105	81.1989	74.2282	106.679	120.802	39.2585	6.58531	8.05211	4.98344
0.702051	81.3356	74.3658	107.136	120.802	39.5092	6.58489	8.20014	4.98406
0.703051	81.3356	74.2282	107.365	122.241	39.819	6.54408	8.1508	4.98625
0.704051	81.3356	74.0928	107.479	121.558	39.8027	6.52344	8.20014	4.94989
0.705051	81.1989	74.2282	107.822	121.895	39.5746	6.50682	8.00277	4.93531
0.706051	81.1989	73.6828	108.164	121.831	39.1179	6.5575	8.1508	4.97594
0.707051	81.3356	73.4096	108.184	122.104	38.1988	6.58781	8.64425	4.99837
0.708051	81.0622	74.639	109.078	122.787	38.2946	6.58187	8.10146	4.99406
0.709051	81.6091	73.956	109.308	122.241	39.5174	6.58906	7.85473	5.00156
0.710051	81.0622	74.2282	109.878	123.334	40.2348	6.59531	7.75804	5.00469
0.711051	81.3356	74.0928	110.449	124.153	40.6587	6.59656	7.90408	5.00625
0.712051	81.0622	74.2282	110.449	124.017	40.7239	6.59281	7.90408	5.00281
0.713051	81.3356	73.956	110.106	124.29	40.5242	6.59719	7.90408	5.00719
0.714051	81.4724	74.5024	112.048	126.339	40.137	6.60084	8.20014	5.00689
0.715051	81.1989	74.2282	112.048	124.426	39.0772	6.60906	8.1508	5.01584
0.716052	81.1989	74.2282	112.39	126.065	38.0174	6.60489	8.1508	5.01344
0.717052	81.0622	74.2282	113.304	126.612	37.3408	6.60656	8.05211	5.01406
0.718052	81.3356	74.2282	114.218	127.431	38.1152	6.61408	7.80538	5.01594
0.719052	81.0622	74.0928	114.903	128.524	38.6288	6.61844	8.00277	5.02187
0.720052	81.7458	73.956	115.703	129.343	39.0079	6.61719	7.95342	5.02084
0.721052	81.3356	74.7756	116.731	129.89	39.1587	6.58969	8.10146	4.99719
0.722052	81.3356	74.0928	118.444	131.838	38.9304	6.58719	8.00277	4.98281
0.723052	81.1989	74.0928	119.358	133.031	38.5881	6.55344	8.1508	4.97219
0.724052	80.5153	73.956	120.842	133.577	37.9033	6.62969	8.05211	5.03156
0.725052	81.6091	74.0928	122.213	134.807	38.1397	6.63344	7.85473	5.03344
0.726052	81.7458	74.2282	123.241	135.08	38.2484	6.63084	7.95342	5.03084
0.727052	80.7888	74.0928	125.297	136.719	40.1044	6.63719	8.20014	5.04125

0.728052	81.0622	74.5024	128.325	138.358	40.7381	6.64719	8.24949	5.04406
0.728052	81.1989	74.2282	127.581	136.724	40.8399	6.64781	8.24949	5.04219
0.730053	81.1989	74.3658	129.086	141.838	40.4304	6.64489	8.64425	5.04219
0.731053	80.8255	74.2282	131.465	144.094	40.4794	6.64531	8.1506	5.03989
0.732053	81.0622	74.2282	132.378	144.504	40.3122	6.64844	8.34818	5.04408
0.733053	81.1989	73.956	134.32	146.008	38.5085	6.64969	8.20014	5.04489
0.734053	81.3356	74.0928	135.12	147.918	37.7239	6.64937	8.24949	5.04344
0.735053	81.3356	74.2282	136.378	148.875	38.7307	6.64844	8.54556	4.86489
0.736053	81.1989	73.956	137.178	149.831	38.7878	6.64906	8.48621	1.84656
0.737053	81.0622	74.2282	122.67	150.104	39.0568	6.64969	8.64425	0.018375
0.738053	80.7888	74.2282	130.894	144.914	39.5092	6.64094	8.44887	0.141875
0.739053	80.7888	73.956	137.518	143.411	39.3707	6.61219	8.64425	-0.013125
0.740053	81.1989	73.956	142.43	144.967	38.2783	6.58594	8.54556	0.007188
0.741053	81.3356	74.0928	145.97	161.743	38.2418	6.58281	8.84163	-0.007813
0.742053	81.3356	73.956	147.912	158.435	38.0459	6.65687	8.84163	-0.00825
0.743053	81.1989	74.0928	150.653	164.445	38.8489	6.64969	8.79228	-0.008125
0.744054	81.0622	73.956	153.395	168.484	40.8522	6.64489	8.74294	-0.008125
0.745054	81.3356	74.3858	156.707	167.313	40.7973	6.64719	8.64425	-0.009063
0.746054	81.3356	74.0928	160.478	169.089	40.9644	6.64719	8.64425	-0.00875
0.747054	81.1989	74.2282	164.359	171.82	41.8815	6.64658	8.89359	-0.009888
0.748054	81.0622	74.2282	166.53	173.596	41.1967	6.64219	8.89359	-0.009063
0.749054	81.3356	74.2282	167.101	177.967	39.9861	6.63969	8.84032	-0.009888
0.750054	81.3356	73.956	187.9	179.059	39.4196	6.63969	8.89359	-0.009888
0.751054	81.0622	74.0928	168.928	180.971	38.0989	6.63969	9.039	-0.011563
0.752054	81.1989	74.0928	170.527	181.245	38.5351	6.64219	9.33507	-0.009888
0.753054	81.8091	73.956	171.441	180.971	40.0351	6.63582	9.039	-0.010638
0.754054	81.1989	74.2282	172.469	182.064	38.4644	6.63719	9.23838	-0.010313
0.755054	80.8521	74.2282	173.497	183.02	39.4196	6.62844	9.23838	-0.010825
0.756054	81.3356	74.0928	173.84	185.089	39.9413	6.60594	9.28573	-0.010825
0.757055	81.0622	73.4096	174.868	186.161	38.3761	6.57719	9.18704	-0.010313
0.758055	81.1989	74.7758	175.887	187.391	38.2131	6.55312	9.43378	-0.010313
0.759055	81.1989	74.2282	176.01	187.391	37.5283	6.57489	9.33507	-0.01
0.760055	81.3356	73.5482	177.152	188.483	38.5718	6.63312	9.38442	-0.007813
0.761055	81.3356	73.6828	177.837	188.074	39.4766	6.61344	9.039	-0.011563
0.762055	81.1989	74.2282	178.522	188.893	40.2022	6.61594	9.43378	-0.010313
0.763055	81.1989	74.2282	179.685	190.532	40.9114	6.60844	8.82852	-0.010825
0.764055	81.1989	74.2282	181.149	192.171	40.8177	6.61158	9.43378	-0.011875
0.765055	81.0622	74.2282	181.949	193.127	40.8177	6.61158	9.53245	-0.010313
0.766055	80.7888	74.5024	183.548	193.537	40.2022	6.60531	9.43378	-0.010825
0.767055	80.6521	74.0928	184.005	195.313	38.1152	6.60406	9.53245	-0.01125
0.768055	80.7888	74.2282	185.378	196.132	38.0826	6.59781	9.38442	-0.012188
0.769055	81.1989	74.2282	185.832	197.225	39.0527	6.59719	9.63114	-0.011663
0.770055	81.3356	74.5024	186.632	197.381	39.2402	6.60219	9.63114	-0.011663
0.771056	81.1989	74.0928	187.774	199.273	39.5296	6.60219	9.72963	-0.01125
0.772056	81.3356	74.0928	188.117	199.137	39.5419	6.59084	9.43378	-0.013125
0.773056	81.4724	73.4096	189.259	200.366	39.2647	6.58781	9.5818	-0.010313
0.774056	81.4724	74.5024	191.201	202.278	38.5636	6.58344	9.77917	-0.010313
0.775056	81.7458	74.0928	191.201	202.278	37.7158	6.54219	9.5818	-0.0125
0.776056	81.8091	74.3658	192.571	203.507	37.1451	6.52406	9.48311	-0.012188
0.777056	81.3356	73.8194	192.914	203.644	37.0392	6.56899	9.53245	-0.010313
0.778056	81.7458	74.0928	194.056	204.873	38.4739	6.58656	9.53245	-0.010825
0.779056	81.3356	74.3658	194.056	206.102	39.5174	6.58344	9.68049	-0.010938