

EA02-025

FORD

OCTOBER 27, 2003

APPENDIX N

BOOKS 46 OF 61

PART 1 OF 4

0.468034	82.703	100.638	21.3587	3.14139	29.959	0.02375	-0.628625	5.15906
0.469034	83.25	100.775	20.5582	3.00481	30.0446	0.021875	-0.97787	5.16719
0.470034	83.5238	100.09	20.6734	2.59506	30.1832	0.02125	-0.829838	5.16281
0.471034	83.7971	99.9528	21.2445	3.14139	30.3707	0.020625	-1.02731	5.16187
0.472034	83.9868	100.775	20.5582	2.86823	30.0854	0.020313	-1.02731	5.15869
0.473034	82.9765	100.501	20.9019	3.68772	30.0365	0.022188	-0.632557	5.16156
0.474034	83.25	100.501	21.1303	3.00481	29.7349	0.022813	-1.126	5.16094
0.475034	83.25	100.638	20.5582	2.86823	29.1867	0.024063	-1.02731	5.16156
0.476034	82.9765	100.775	20.9019	3.41455	29.0501	0.023438	-0.97787	5.15869
0.477034	83.1133	100.775	21.0181	3.00481	29.8816	0.020938	-0.87928	5.15781
0.478034	82.9765	100.501	20.6734	2.86823	30.4319	0.021563	-1.126	5.14031
0.479034	82.2928	100.09	20.7876	3.14139	31.2675	0.02125	-0.780591	5.11989
0.480035	82.2928	100.912	20.445	3.55114	31.5935	0.022188	-0.731246	5.10219
0.481035	83.5238	99.9528	20.6734	2.3219	31.5935	0.02125	-1.02731	5.14406
0.482035	83.25	100.501	20.6734	2.59506	31.7973	0.022188	-0.829838	5.16844
0.483035	83.25	100.775	20.3308	2.59506	31.9033	0.022188	-1.32338	5.16344
0.484035	82.9765	100.912	20.9019	2.73164	31.618	0.023438	-1.126	5.16313
0.485035	82.4295	100.227	20.6734	3.14139	31.512	0.023125	-0.829838	5.15869
0.486035	82.9765	100.501	20.9019	3.00481	31.137	0.024375	-1.02731	5.15906
0.487035	82.9765	100.775	20.9019	3.14139	29.2457	0.022188	-0.435178	5.16469
0.488035	83.25	100.364	21.5872	3.68772	29.4862	0.020313	0.354337	5.16594
0.489035	83.7971	100.227	20.9019	3.27797	29.8468	0.020938	1.14385	5.16344
0.490035	83.25	100.501	20.3308	3.55114	30.1506	0.019688	2.13075	5.16187
0.491035	82.9765	100.364	20.6734	3.27797	30.3707	0.020938	2.87082	5.16969
0.492035	83.25	100.638	20.9019	2.59506	30.5827	0.020938	3.5124	5.15719
0.493035	83.1133	100.638	20.6734	2.86823	30.6927	0.024063	4.05519	5.13856
0.494036	82.9765	100.638	20.7876	2.86823	30.1895	0.024063	4.44895	5.11344
0.495036	82.703	100.775	20.9019	3.41455	29.8979	0.024063	4.69887	5.10406
0.496036	83.9868	100.775	20.5582	2.86823	29.796	0.023125	4.79536	5.16687
0.497036	83.25	100.912	20.7876	2.3219	29.0175	0.022188	4.4006	5.16313
0.498036	82.9765	100.227	20.6734	3.00481	28.7688	0.056563	4.20322	5.02219
0.499036	83.1133	100.775	21.1303	3.00481	29.1968	5.08375	4.30191	4.38594
0.500036	82.4295	101.049	21.2445	3.14139	29.7593	5.19094	3.9565	4.49219
0.501036	83.1133	100.501	20.445	2.45848	30.2484	5.26219	3.70978	4.49281
0.502036	82.703	100.912	20.6734	4.09747	30.8435	5.33562	3.61109	4.52156
0.503036	83.1133	100.912	20.9019	2.73164	31.08	5.38219	3.5124	4.53375
0.504036	82.8398	100.638	20.9019	2.59506	31.296	5.42781	3.68043	4.54719
0.505036	83.1133	100.775	20.6734	2.3219	31.3838	5.46469	3.80647	4.56187
0.506036	82.9765	100.775	20.445	2.86823	31.3571	5.49969	4.10453	4.57094
0.507037	83.25	100.501	20.445	3.14139	31.2267	5.52156	4.30191	4.67219
0.508037	82.9765	100.638	20.6734	3.27797	30.1791	5.52688	4.59798	4.56344
0.509037	83.1133	100.638	20.9019	3.27797	29.1846	5.53594	4.30191	4.55469
0.510037	82.9765	100.501	20.6734	3.00481	29.1805	5.57489	4.25257	4.58219
0.511037	82.9765	100.638	21.0181	2.45848	29.9876	5.64719	4.20322	4.62406
0.512037	83.25	100.775	20.445	1.77557	30.1139	5.65719	4.69887	4.62344
0.513037	83.25	100.501	20.3308	2.73164	30.1995	5.68281	4.69887	4.63312
0.514037	82.703	101.049	20.6734	3.14139	30.387	5.70563	4.84471	4.63969
0.515037	83.8339	100.638	20.7876	3.96088	30.3668	5.72584	4.99274	4.64944
0.516037	83.8339	100.501	20.6734	4.23405	30.1588	5.74719	4.99274	4.65469
0.517037	82.9765	100.638	20.1023	5.59987	30.1058	5.7675	4.69887	4.66094
0.518037	82.8398	100.775	20.2166	5.46329	29.7104	5.78531	5.09143	4.66844
0.519037	83.1133	100.775	20.445	6.1482	29.2131	5.80656	4.69887	4.67469

0.520037	82.9785	100.501	20.445	6.98589	28.7485	5.82488	4.89887	4.67875
0.521038	82.9785	101.323	20.9019	6.89253	28.3853	5.89719	4.89887	4.88489
0.522038	83.25	100.775	20.3308	6.98589	28.7525	5.89084	4.30191	4.67031
0.523038	82.9785	100.501	20.5592	7.78518	29.58	5.82408	4.30191	4.65989
0.524038	82.9785	100.384	20.5592	8.05835	30.2158	5.82437	4.15388	4.65438
0.525038	83.1133	100.638	21.3587	8.05835	30.8112	5.89719	3.90718	4.70489
0.526038	82.9785	100.501	20.9019	8.05835	30.6028	5.91875	4.05519	4.71584
0.527038	82.9785	100.638	21.2445	8.55694	31.1044	5.92781	3.75912	4.71989
0.528038	82.9785	100.501	20.3308	8.05835	31.0881	5.94582	4.25257	4.72563
0.529038	83.1133	100.812	20.9019	7.10227	30.8435	5.95584	4.48929	4.72989
0.530038	82.4285	101.049	21.1303	7.37544	30.4033	5.97062	4.30191	4.73562
0.531038	83.3888	100.384	21.8156	7.6488	29.3782	5.98844	4.30191	4.74219
0.532038	82.9785	100.638	21.3587	8.96589	29.0379	5.98887	4.89405	4.74719
0.533038	82.9785	100.775	20.9019	8.33151	29.849	6.01062	4.99274	4.75082
0.534038	83.25	100.501	21.473	7.23885	30.1262	6.02084	5.48618	4.75594
0.535038	82.9785	100.638	21.5872	7.51202	30.4482	6.03625	5.78225	4.76281
0.536038	82.9785	100.775	21.7014	7.51202	30.5338	6.03344	6.02898	4.75582
0.537038	82.703	101.049	21.7014	8.05835	30.5827	6.02219	6.47308	4.74158
0.538038	83.25	100.775	21.7014	7.92177	30.8846	6.00889	6.17701	4.72719
0.539038	82.9785	100.638	21.5872	9.42417	30.5175	6.02889	7.38128	4.73844
0.540038	83.1133	100.384	22.1583	9.89733	30.1262	6.09889	7.80539	4.79344
0.541038	83.5238	101.323	22.2725	11.1997	29.8245	6.09781	7.45997	4.78489
0.542038	82.9785	100.501	22.7283	12.1558	29.6003	6.11719	8.44687	4.79489
0.543038	82.9785	100.775	22.7283	12.429	29.0827	6.11889	8.1608	4.78625
0.544038	82.9785	100.501	23.1882	14.3411	29.098	6.13281	8.84183	4.78889
0.545038	83.5238	100.775	22.9578	14.4777	29.9872	6.14344	8.89097	4.80781
0.546038	82.9785	100.638	23.072	16.2533	30.2851	6.15344	9.039	4.81219
0.547038	82.4285	101.188	23.5289	17.0728	30.9086	6.18469	9.83114	4.81844
0.548038	82.9785	100.384	23.6431	18.1854	31.2267	6.17408	9.82852	4.82281
0.54904	82.9785	100.501	23.3004	17.2094	31.2267	6.18125	9.28573	4.82687
0.55004	82.9785	100.638	23.9857	18.8849	31.3812	6.19084	8.87768	4.82489
0.55104	82.8388	100.384	24.5568	19.2381	31.3001	6.17844	10.5183	4.81408
0.55204	82.9785	100.384	24.3284	18.7118	30.6316	6.16344	10.3713	4.79989
0.55304	82.9785	100.501	25.0137	19.1215	29.4495	6.15469	10.4207	4.78875
0.55404	82.8388	100.384	25.4706	18.302	29.1112	6.20344	10.2726	4.8275
0.55504	82.9785	100.638	26.0417	18.4388	29.8979	6.24437	10.5193	4.85531
0.55604	82.8388	100.384	26.2701	18.4388	30.2892	6.2425	10.3713	4.85344
0.55704	82.1561	99.9528	26.2701	17.3459	30.7131	6.25158	10.2233	4.85858
0.55804	82.9785	100.775	27.1838	17.3459	30.9332	6.25719	10.618	4.86031
0.55904	82.9785	100.775	27.8892	17.8923	30.8721	6.27187	10.7661	4.86989
0.56004	83.5238	101.188	27.8892	17.6191	30.9251	6.27844	10.2233	4.86989
0.56104	83.1133	100.501	28.6887	18.4388	31.0382	6.28844	10.5887	4.87858
0.56204	82.9785	100.227	29.1255	18.7118	30.9332	6.29489	10.8154	4.87844
0.563041	82.8388	100.384	30.4982	20.8239	30.5827	6.30344	10.322	4.88312
0.564041	82.9785	101.188	30.3819	20.0778	30.0885	6.31489	10.4207	4.88719
0.565041	82.1561	100.638	31.1815	20.7805	29.4821	6.31158	10.4207	4.88408
0.566041	83.25	100.501	30.953	20.8971	29.4536	6.29094	10.5193	4.88594
0.567041	82.9785	100.501	32.0952	21.58	30.2036	6.27312	10.618	4.85313
0.568041	83.25	100.912	32.7805	23.219	30.705	6.26937	10.47	4.84719
0.569041	83.1133	100.501	33.9227	24.3116	31.1044	6.34908	10.618	4.90837
0.570041	82.9785	100.501	34.1511	24.858	31.3327	6.35408	10.5193	4.91082
0.571041	82.4285	100.775	34.2854	23.8018	31.2308	6.36489	10.0259	4.91887

0.572041	82.8398	100.775	35.7502	26.6335	31.2675	6.37344	10.4207	4.91906
0.573041	83.5236	100.638	36.4355	27.9993	31.1533	6.37906	10.9634	4.92219
0.574041	82.4295	100.912	37.0066	28.2725	30.6805	6.38906	10.618	4.92806
0.575041	82.703	100.775	38.263	30.4578	30.1832	6.39906	10.7167	4.93219
0.576041	82.1581	100.501	39.4052	30.731	29.1234	6.40344	10.47	4.93687
0.577042	82.703	100.775	40.0905	31.8236	28.9319	6.41219	10.618	4.94219
0.578042	82.9765	100.364	42.1464	32.6431	29.4495	6.41562	10.8648	4.94219
0.579042	82.9765	100.601	43.517	34.2821	29.9427	6.42344	11.1115	4.94844
0.580042	82.8398	100.601	43.7454	34.009	30.1914	6.41281	10.8154	4.93656
0.581042	81.8826	100.364	45.2303	35.7845	30.3544	6.39875	11.0621	4.92344
0.582042	82.9765	100.601	46.9156	35.3748	30.4319	6.37531	10.5193	4.90719
0.583042	82.9765	100.601	47.2862	37.6967	30.4074	6.38781	11.2102	4.91469
0.584042	82.703	100.364	49.4563	39.7454	30.224	6.46844	11.5062	4.97489
0.585042	83.3688	100.638	50.3701	40.2917	30.0609	6.46656	11.0126	4.97156
0.586042	83.5236	100.775	51.9691	41.9307	29.7512	6.47406	11.1115	4.97344
0.587042	82.8398	101.049	54.2535	44.3882	29.209	6.47062	11.3069	4.97344
0.588042	82.8398	100.638	56.2814	45.8916	29.1842	6.4825	11.4569	4.97906
0.589042	82.9765	100.638	57.3374	47.394	29.9305	6.48937	11.5062	4.98489
0.590042	82.9765	100.638	59.0506	49.1896	30.3218	6.49312	11.3089	4.98656
0.591043	82.9765	100.912	61.1065	52.1744	30.7131	6.49406	11.6049	4.98469
0.592043	82.4295	100.227	62.7056	52.9939	31.0147	6.49656	11.4569	4.98562
0.593043	82.703	100.501	65.4468	54.906	31.1815	6.50219	11.3682	4.99261
0.594043	82.8398	101.049	66.4748	56.6816	31.0837	6.50582	11.6049	4.9875
0.595043	83.5236	100.638	69.1018	59.6884	30.974	6.48469	11.901	4.98989
0.596043	82.703	100.775	70.9293	61.0522	30.8723	6.46219	11.753	4.95344
0.597043	82.703	100.912	73.4421	63.6473	30.0609	6.44719	11.9503	4.93906
0.598043	82.8398	100.638	76.0691	65.4229	29.5392	6.46656	11.9997	4.95781
0.599043	82.9765	100.775	77.5539	67.6062	28.9033	6.53312	11.8517	5.00656
0.600043	82.703	100.775	80.2951	70.613	28.4691	6.51875	11.901	4.99344
0.601043	82.703	100.775	82.5795	72.7983	28.8626	6.52489	12.1971	4.99781
0.602043	83.1133	100.364	84.7496	78.0763	29.4006	6.52656	12.3944	4.99613
0.603043	82.4295	100.638	86.9198	77.8518	29.6167	6.52969	12.1971	4.99969
0.604043	82.9765	100.775	89.4326	78.5347	29.584	6.53156	12.3944	5.00219
0.605044	82.4295	100.775	91.8311	81.2664	29.8246	6.53281	12.6918	4.99844
0.606044	82.8398	100.501	94.1155	83.998	29.9794	6.53312	12.8879	4.99937
0.607044	83.3688	100.501	96.3898	86.0468	29.8044	6.53813	12.6425	5.00219
0.608044	82.8398	100.364	97.7705	88.6418	29.4006	6.54312	12.8879	5.00344
0.609044	82.703	100.501	100.74	90.9637	29.1357	6.53813	12.6879	4.99969
0.610044	82.2928	100.775	102.225	93.2856	28.7851	6.51531	12.9866	4.97906
0.611044	82.703	100.775	103.938	96.0173	29.474	6.48719	13.2826	4.95937
0.612044	82.703	100.501	105.651	98.0173	30.1588	6.47125	13.1346	4.94562
0.613044	82.8398	100.501	106.908	99.0221	30.5823	6.50156	13.2826	4.96869
0.614044	82.8398	100.501	108.85	99.0221	30.8721	6.55531	13.4307	5.00669
0.615044	82.703	100.775	110.22	101.071	31.1483	6.53719	13.5294	4.99906
0.616044	82.8398	100.775	111.248	101.754	31.1044	6.54406	13.7268	4.99844
0.617044	82.9765	100.775	112.162	102.573	31.2267	6.54261	13.8735	4.99844
0.618044	82.703	100.364	112.733	104.622	31.1452	6.54584	13.48	4.99937
0.619045	82.703	100.501	113.847	104.759	30.7457	6.55031	13.7761	4.99906
0.620045	82.703	100.775	114.104	106.124	30.3177	6.54219	13.7761	4.99469
0.621045	82.8398	100.638	115.588	106.398	29.7349	6.54656	14.1215	4.99781
0.622045	82.9765	100.638	118.274	106.671	28.9074	6.54812	13.9241	4.99719
0.623045	82.703	100.501	115.588	106.807	29.1683	6.54531	14.3189	4.99656

0.624045	82.9785	100.912	116.16	107.9	29.5922	6.54125	14.1709	4.99094
0.625045	82.2828	100.912	116.502	107.763	29.849	6.51844	14.1709	4.97344
0.626045	83.25	100.501	117.759	108.583	30.1099	6.48219	14.6856	4.95406
0.627045	82.703	100.912	118.845	108.719	29.955	6.46781	14.4868	4.93156
0.628045	82.6398	100.638	117.967	108.675	29.8816	6.50812	14.9804	4.96594
0.629045	82.703	100.775	118.672	109.402	29.9676	6.54844	14.7136	4.99312
0.630045	82.703	100.501	118.787	110.085	29.955	6.53375	14.763	4.98219
0.631045	83.25	100.775	119.588	110.768	29.1842	6.53968	14.5636	4.88625
0.632045	82.4295	100.775	120.043	111.314	28.5732	6.59719	14.7136	4.88281
0.633045	82.703	100.775	119.588	112.134	29.0338	6.53594	14.763	4.98187
0.634045	82.4295	101.049	120.728	112.544	30.0446	6.53219	14.9804	4.97844
0.635045	82.4295	100.638	121.185	113.363	30.3463	6.53084	14.763	4.97594
0.636045	82.8398	100.501	121.985	112.953	30.8558	6.52844	15.5032	4.97469
0.637045	82.8398	100.501	123.898	115.695	31.406	6.52906	15.3058	4.97781
0.638045	82.4295	100.501	123.241	114.319	31.5609	6.52856	15.5032	4.97219
0.639045	83.25	100.775	124.497	115.958	31.3571	6.52125	15.9966	4.96844
0.640045	82.703	100.775	125.525	118.144	31.8669	6.49906	15.7992	4.94969
0.641045	82.1561	100.638	126.325	117.87	31.8098	6.47469	15.9473	4.93094
0.642045	82.8398	100.501	127.81	118.963	31.031	6.45125	15.9966	4.91281
0.643045	82.8398	99.9528	128.088	120.602	30.1099	6.49312	16.0853	4.94719
0.644045	82.4295	100.775	130.094	121.285	28.7485	6.52094	16.342	4.98584
0.645045	83.3868	100.638	131.822	122.787	29.5351	6.51187	16.194	4.95969
0.646047	82.703	100.227	133.521	125.519	29.8816	6.51813	16.3914	4.96406
0.647047	82.703	100.501	134.549	125.519	30.1914	6.51469	16.4407	4.98219
0.648047	82.703	100.384	136.49	126.475	30.2403	6.51531	16.5394	4.98219
0.649047	82.703	100.501	138.947	127.977	30.0935	6.51187	16.4407	4.95856
0.650047	82.703	100.227	139.003	131.529	30.1669	6.51469	17.1315	4.95806
0.651047	82.8398	100.501	140.374	131.802	30.0385	6.5175	16.8848	4.96219
0.652047	82.5683	100.384	141.402	134.533	29.6819	6.51594	17.1315	4.95469
0.653047	83.25	99.9528	143.343	134.807	29.3884	6.50969	17.0328	3.95344
0.654047	82.4295	100.384	139.117	135.899	28.8626	6.50156	17.3289	0.423125
0.655047	82.703	101.049	127.81	135.899	28.4061	6.47837	17.3289	0.165312
0.656047	82.5683	100.501	139.888	129.207	29.0808	6.46781	17.625	0.023438
0.657047	82.8398	100.501	142.887	128.114	29.6696	6.44219	17.7237	0.007813
0.658047	82.703	101.186	147.912	130.163	30.2588	6.48812	17.9211	-0.004063
0.659047	82.9785	100.912	150.425	136.992	30.6887	6.51406	17.9211	-0.00375
0.660048	82.703	100.501	150.539	143.548	30.8884	6.50406	18.0691	-0.007813
0.661048	82.703	100.638	153.28	150.104	31.0759	6.51281	18.5132	-0.007813
0.662048	82.4295	100.384	156.022	153.655	31.1688	6.50969	18.4145	-0.008438
0.663048	82.703	100.501	159.791	152.972	30.874	6.50969	18.8566	-0.008438
0.664048	82.4295	100.501	164.474	152.562	30.9577	6.51094	18.7599	-0.009083
0.665048	82.4295	100.775	168.814	155.704	29.837	6.50969	18.7103	-0.00875
0.666048	82.703	100.912	171.441	160.757	28.9482	6.51719	18.9573	-0.009083
0.667048	82.4295	100.775	172.697	165.284	29.0827	6.51469	19.068	-0.009376
0.668048	82.4295	100.384	174.839	169.498	29.5718	6.51219	19.2534	-0.009688
0.669048	82.4295	100.775	177.152	170.728	29.8001	6.50906	19.5001	-0.009083
0.670048	82.703	101.049	181.149	172.776	30.0385	6.47969	19.4507	-0.009438
0.671048	82.8398	101.049	182.177	172.913	30.0609	6.46869	19.5001	-0.012188
0.672048	82.703	100.775	184.804	175.781	30.0895	6.44219	19.9935	-0.010938
0.673048	83.25	100.912	186.975	177.42	29.9224	6.50656	20.0822	-0.010625
0.674049	82.4295	100.638	188.459	179.489	29.6982	6.52094	20.0822	-0.010313
0.675049	82.2828	100.912	191.316	184.523	29.3517	6.52187	20.2403	-0.010938

0.676049	82.4295	100.501	192.685	187.254	28.6055	6.52344	20.4378	-0.010313
0.677049	82.1561	100.501	195.313	187.8	28.3164	6.51844	20.5857	-0.010313
0.678049	82.4295	100.638	197.711	189.166	27.974	6.52187	20.4378	-0.010313
0.679049	82.6398	100.775	200.909	192.991	28.4081	6.52656	21.0296	-0.008438
0.680049	82.6663	100.812	202.851	194.22	29.3273	6.52812	21.0791	-0.010313
0.681049	82.4295	100.638	205.935	195.995	29.7512	6.52906	21.1778	-0.007813
0.682049	82.4295	100.775	208.676	200.912	30.1568	6.52594	21.0791	-0.010625
0.683049	82.703	100.912	211.874	202.415	30.4276	6.52906	21.6712	-0.008438
0.684049	82.703	100.638	213.93	205.283	30.5827	6.52594	21.7899	-0.008125
0.685049	82.4295	100.775	217.357	208.654	30.5582	6.50406	21.8193	-0.010313
0.686049	82.703	100.638	221.126	213.478	30.5297	6.47989	21.8193	-0.010938
0.687049	82.4295	100.638	225.58	216.483	30.0691	6.46375	21.8193	-0.010313
0.68805	82.4295	100.501	229.806	221.673	28.8993	6.53908	21.9673	-0.010313
0.68905	82.4295	100.912	233.804	223.448	28.5446	6.53656	22.1647	-0.010938
0.69005	82.4295	100.775	237.118	230.96	29.205	6.54344	22.2634	-0.009688
0.69105	82.4295	100.775	242.37	232.053	29.6003	6.53969	22.4608	-0.009688
0.69205	81.6091	100.912	247.053	236.97	29.9264	6.53969	22.4608	-0.008125
0.69305	82.4295	100.638	250.708	241.068	30.1221	6.54584	22.9049	-0.013438
0.69405	82.2928	100.638	255.046	245.711	30.0895	6.55219	22.4808	-0.01125
0.69505	82.4295	101.049	260.302	249.399	29.8305	6.54989	23.0529	-0.010313
0.69605	82.4295	99.9526	264.529	255.272	29.9794	6.54844	22.8555	-0.009063
0.69705	82.4295	100.638	268.526	259.643	29.9091	6.55406	23.1516	-0.008438
0.69805	82.1561	100.501	274.351	264.15	29.3436	6.55656	23.2503	-0.010313
0.69905	82.703	100.501	279.034	270.589	29.0175	6.55031	23.497	-0.009063
0.70005	82.8398	99.8155	283.717	274.887	28.883	6.51531	23.5463	-0.010313
0.70105	82.2928	100.638	289.314	279.584	28.3979	6.49219	23.5463	-0.010625
0.702051	82.4295	100.501	294.111	284.501	28.9156	6.49594	23.7931	-0.010938
0.703051	82.4295	100.775	299.365	289.864	29.9224	6.57437	23.7931	-0.010313
0.704051	82.4295	100.638	302.449	294.808	30.1869	6.56594	24.4346	-0.009375
0.705051	82.4295	100.501	306.332	299.232	30.3789	6.56344	24.6319	-0.010625
0.706051	82.4295	100.501	311.129	300.891	30.8598	6.56187	24.6813	-0.010313
0.707051	82.2928	100.638	316.728	305.125	30.7783	6.56344	24.8293	-0.009688
0.708051	82.4295	100.775	320.495	311.681	30.6071	6.57489	24.928	-0.010625
0.709051	82.4295	100.501	325.407	316.734	30.5582	6.56938	25.2241	-0.01125
0.710051	82.4295	100.775	330.881	322.061	29.7593	6.56719	25.3228	-0.010313
0.711051	82.9765	100.638	336.8	326.588	28.2675	6.57281	25.2734	-0.010938
0.712051	82.703	99.9526	342.539	332.441	28.8767	6.57594	25.4214	-0.010625
0.713051	82.4295	100.501	347.879	336.402	29.5229	6.57631	25.9149	-0.010625
0.714051	82.1561	100.912	352.933	342.885	29.8775	6.55156	26.1123	-0.009063
0.715051	81.4724	100.384	359.672	348.967	30.2077	6.52625	26.0136	-0.010313
0.716052	82.4295	100.638	364.926	354.284	30.3829	6.50875	26.6551	-0.011563
0.717052	82.2928	100.775	370.885	360.44	30.4849	6.53156	26.9057	-0.00875
0.718052	82.1561	100.775	376.805	364.849	30.4156	6.59156	26.4083	-0.010313
0.719052	82.9765	100.501	382.401	372.48	30.3666	6.57406	26.5564	-0.010313
0.720052	82.1561	100.912	387.77	377.103	30.1425	6.58125	27.1979	-0.009688
0.721052	82.2928	100.501	393.709	382.84	29.8406	6.58344	27.0992	-0.010313
0.722052	82.4295	100.501	399.534	388.849	29.4292	6.58687	27.3459	-0.008438
0.723052	82.1561	100.812	404.217	394.859	28.8504	6.58469	27.3952	-0.010313
0.724052	81.3358	100.775	409.242	399.547	29.0786	6.58469	27.79	-0.01125
0.725052	82.2928	100.775	414.154	404.42	29.7634	6.58719	27.938	-0.010938
0.726052	82.1561	100.501	418.951	409.064	30.1099	6.58406	27.8393	-0.009063
0.727052	82.1561	101.188	423.406	413.707	30.5175	6.58625	27.938	-0.009688

0.728052	81.4724	100.501	428.431	418.351	30.7661	6.57875	28.1847	-0.010313
0.729052	82.1561	101.049	433.457	423.541	30.8762	6.55781	28.6796	-0.009688
0.730053	82.2928	100.638	436.025	427.639	30.7702	6.53281	28.3821	-0.010313
0.731053	82.4295	100.501	442.48	431.463	30.5134	6.50781	28.6782	-0.010313
0.732053	82.4295	100.501	446.934	436.928	30.1425	6.55312	29.0236	-0.010313
0.733053	82.2928	100.775	450.704	441.643	29.58	6.58719	28.9743	-0.009375
0.734053	81.8091	100.384	455.387	446.76	28.5854	6.57781	29.3197	-0.009063
0.735053	82.4295	100.912	459.27	449.219	28.5161	6.57875	29.1716	-0.009688
0.736053	81.8826	101.323	463.61	453.316	29.0786	6.57312	29.5171	-0.007188
0.737053	82.703	99.9528	467.722	457.414	29.4903	6.57031	29.8651	-0.010313
0.738053	82.2928	100.775	471.149	460.828	29.833	6.56989	30.1585	-0.012188
0.739053	82.0193	100.501	475.831	465.062	29.8001	6.56844	30.3559	-0.010938
0.740053	82.2928	101.48	479.03	469.706	29.9713	6.57187	30.1082	-0.010938
0.741053	82.2928	100.775	483.484	473.804	29.9631	6.57158	30.5533	-0.010313
0.742053	82.1561	100.775	487.824	478.447	29.7226	6.56582	30.5533	-0.011563
0.743053	82.1561	100.638	492.964	482.645	29.6533	6.56219	30.8494	-0.011875
0.744054	82.0193	101.186	495.591	486.369	29.3232	6.53594	31.0467	-0.010313
0.745054	82.2928	100.501	499.703	490.33	28.724	6.51281	31.4415	-0.010313
0.746054	82.2928	100.638	503.586	493.745	28.5938	6.49281	31.4415	-0.010313
0.747054	82.1561	100.775	507.927	496.749	29.3558	6.55719	31.5402	-0.010625
0.748054	81.8826	100.912	512.287	501.257	29.7675	6.56312	31.4415	-0.010625
0.749054	82.2928	100.775	515.237	505.784	30.1384	6.56869	31.6882	-0.011563
0.750054	82.1561	100.638	519.234	509.042	30.4885	6.56719	32.1323	-0.010638
0.751054	82.4295	99.9528	523.118	513.888	30.4971	6.56281	32.0336	-0.009688
0.752054	82.8785	100.227	527.115	517.783	30.6031	6.56582	32.4777	-0.010313
0.753054	81.3358	100.775	531.798	520.515	30.5582	6.56219	32.5271	-0.010313
0.754054	82.1561	100.912	534.654	524.885	30.1751	6.56344	32.9712	-0.010638
0.755054	82.703	99.8155	538.423	528.183	29.7583	6.56408	33.0205	-0.010313
0.756054	82.0193	100.638	541.821	533.08	29.2417	6.56158	32.7245	-0.010313
0.757055	81.8091	100.638	545.39	535.539	28.6243	6.55844	33.3166	-0.012813
0.758055	81.3358	100.775	548.702	539.838	27.974	6.55469	33.4648	-0.012813
0.759055	82.1561	100.912	552.243	540.729	28.2104	6.52781	33.3166	-0.013125
0.760055	81.8826	100.501	554.984	545.089	28.6508	6.50408	33.81	-0.012188
0.761055	82.0193	100.775	557.726	548.377	28.9604	6.48719	34.3035	-0.010313
0.762055	81.8091	100.384	560.487	551.108	29.205	6.55594	33.9087	-0.010938
0.763055	82.1561	100.775	563.893	555.206	29.2865	6.56158	34.3035	-0.010313
0.764055	82.1561	100.775	566.977	557.528	29.3109	6.55968	34.3035	-0.010625
0.765055	82.0193	100.912	569.604	560.67	29.3069	6.56156	34.5996	-0.009375
0.766055	82.1561	100.501	572.231	563.401	28.993	6.55489	34.8982	-0.010313
0.767055	82.1561	100.775	574.401	565.723	28.6547	6.55489	34.8966	-0.010638
0.768055	81.8826	100.501	577.143	569.548	28.3082	6.55813	35.093	-0.009688
0.769055	82.2928	100.227	580.455	571.48	28.6099	6.56437	35.241	-0.010313
0.770055	82.1561	100.501	582.968	572.982	29.1153	6.55937	35.093	-0.01125
0.771056	82.1561	101.049	587.194	577.333	29.7104	6.55719	35.7345	-0.011563
0.772056	81.8826	100.638	589.592	581.703	30.2158	6.55594	36.1786	-0.010313
0.773056	82.0193	100.384	593.019	584.162	30.4522	6.54844	35.7838	-0.010313
0.774056	82.2928	100.638	596.674	587.986	30.6827	6.52719	36.2279	-0.011563
0.775056	81.8826	100.501	599.529	591.401	30.6805	6.49719	36.2773	-0.010313
0.776056	82.1561	100.912	603.413	593.996	30.705	6.48825	36.378	-0.010625
0.777056	82.2928	100.501	606.154	597.137	30.1914	6.55594	36.8201	-0.011875
0.778056	82.2928	100.638	609.352	601.818	29.7919	6.56158	36.672	-0.012813
0.779056	82.2928	100.384	612.093	602.327	29.8001	6.56158	36.9681	-0.010625

0.780056	82.0183	100.838	614.378	608.835	28.8482	6.55719	36.9881	-0.008438
0.781056	82.1561	100.838	617.119	609.293	28.0474	6.55856	36.8694	-0.013438
0.782056	82.4295	101.186	619.88	613.837	28.8628	6.56219	37.2642	-0.011563
0.783056	82.2928	100.838	622.487	618.942	29.0297	6.56844	37.955	-0.013438
0.784056	82.4295	100.775	623.287	619.673	29.1868	6.56856	37.4815	-0.010313
0.785057	82.8398	100.09	624.429	624.863	29.1561	6.56437	37.6589	-0.011563
0.786057	82.1561	100.775	624.772	628.005	29.3599	6.55989	37.7576	-0.011563
0.787057	81.8828	100.775	624.886	633.331	29.7349	6.56594	38.0043	-0.011675
0.788057	82.1561	100.775	624.886	637.292	29.3436	6.56437	38.3498	-0.012188
0.789057	82.4295	100.227	624.315	642.892	28.7403	6.53469	38.4484	-0.010625
0.790057	82.1561	100.775	623.858	646.717	28.3979	6.50906	38.7445	-0.012813
0.791057	82.8398	99.9528	623.744	651.087	28.186	6.49094	38.8925	-0.010313
0.792057	81.8828	100.501	623.515	654.365	28.4142	6.55469	38.3498	-0.008888
0.793057	82.1561	100.775	623.515	659.828	29.1112	6.57582	38.8432	-0.013125
0.794057	82.2928	101.049	624.857	663.653	29.9142	6.56719	39.4353	-0.010838
0.795057	82.2928	101.48	624.2	667.477	30.1262	6.56594	39.3366	-0.01125
0.796057	82.703	99.9528	624.886	670.618	30.2566	6.56969	39.5834	-0.01125
0.797057	81.8828	100.501	625.571	674.443	30.7009	6.57344	39.534	-0.010838
0.798057	82.2928	100.227	625.914	677.311	30.7457	6.57719	39.534	-0.010313
0.799058	82.1561	100.838	627.056	680.862	30.8884	6.57344	40.2249	-0.011875
0.800058	82.1561	100.838	627.827	684.823	30.8762	6.57531	39.8794	-0.010313
0.801058	82.0183	100.838	628.084	687.691	30.4033	6.57719	40.3235	-0.009063
0.802058	81.3358	100.501	628.541	690.013	29.6941	6.57969	40.6196	-0.008438
0.803058	82.1561	100.775	628.863	692.472	27.9899	6.57437	40.1262	-0.012813
0.804058	82.1561	100.838	629.454	696.432	28.5243	6.55094	40.817	-0.010938
0.805058	82.1561	100.501	630.368	700.257	29.0338	6.52531	41.5078	-0.010313
0.806058	82.4295	101.48	630.711	702.715	29.3273	6.50594	41.0144	-0.012188
0.807058	82.0183	100.501	631.51	705.037	29.4455	6.55761	41.4091	-0.010625
0.808058	82.2928	100.838	631.867	707.905	29.3354	6.58969	41.2117	-0.01125
0.809058	82.1561	101.049	632.653	710.637	29.1194	6.57489	41.4091	-0.010313
0.810058	82.2928	100.501	633.109	713.232	29.5068	6.57969	41.8085	-0.009063
0.811058	82.1561	100.838	633.795	715.627	29.0768	6.58489	41.8039	-0.012188
0.812058	81.8828	101.049	633.452	719.925	28.6384	6.58719	41.9519	-0.010625
0.813059	82.2928	100.838	633.795	721.017	28.3001	6.58469	42.1986	-0.010313
0.814059	81.7458	100.775	634.48	722.929	27.8479	6.58281	42.1986	-0.0075
0.815059	81.8828	100.501	633.338	725.798	27.7131	6.58469	42.6834	-0.011563
0.816059	81.8828	100.838	634.252	728.393	28.512	6.59281	42.9882	-0.009063
0.817059	81.8828	100.775	634.137	731.261	28.8055	6.59082	42.9388	-0.010313
0.818059	81.8828	100.775	634.252	733.036	29.4373	6.58969	42.9882	-0.01125
0.819059	82.0183	100.838	634.937	735.222	29.6044	6.57656	43.2842	-0.01125
0.820059	82.4295	100.227	635.28	737.68	29.849	6.55156	43.3829	-0.011563
0.821059	81.8828	100.501	634.823	739.866	30.118	6.52594	43.7283	-0.010938
0.822059	81.8091	100.501	635.736	742.324	29.9957	6.53094	43.8764	-0.01
0.823059	82.1561	100.838	636.85	743.963	30.0385	6.59856	43.827	-0.010313
0.824059	82.1561	100.912	636.86	745.875	29.6815	6.58844	44.3205	-0.011563
0.825059	82.1561	100.501	637.678	747.241	28.2838	6.59469	44.1724	-0.01125
0.826059	82.703	100.838	638.993	749.7	27.9536	6.58969	44.7152	-0.011563
0.82708	82.2928	100.501	638.135	751.612	27.8884	6.58856	45.2087	-0.011563
0.82808	82.1561	100.775	639.508	754.207	28.4305	6.58719	44.8659	-0.012813
0.82908	81.8828	100.501	640.782	756.529	28.8381	6.59594	44.9619	-0.010938
0.83008	82.4295	100.775	641.582	759.943	28.8177	6.59156	44.7648	-0.010625
0.83108	82.4295	100.838	643.181	761.855	28.8993	6.59094	45.4554	-0.010313

0.83208	82.2928	100.912	644.531	764.45	29.0338	6.58719	45.258	-0.011563
0.83308	81.8826	100.912	646.587	767.728	28.724	6.59408	45.3567	-0.009888
0.83408	82.0193	100.912	647.729	771.279	28.5773	6.57998	45.5047	-0.010313
0.83508	82.1581	100.501	649.671	773.055	28.349	6.56312	45.5047	-0.011583
0.83608	81.8828	100.775	652.528	776.608	27.8721	6.52888	45.6528	-0.009083
0.83708	81.8828	100.775	652.528	778.792	27.3218	6.50531	45.3567	-0.012813
0.83808	81.8826	100.775	655.61	783.025	26.9142	6.57344	46.1482	-0.011875
0.83908	81.8826	100.638	657.666	785.757	26.8979	6.59084	45.8502	-0.012188
0.84008	82.1581	100.773	659.151	788.035	27.9538	6.58219	45.9982	-0.011875
0.841081	82.1581	100.364	681.207	782.586	28.2186	6.57989	46.0475	-0.010313
0.842081	82.1581	100.501	683.263	786.82	28.6485	6.57489	46.2449	-0.012188
0.843081	81.8828	100.501	686.004	800.235	29.1724	6.58344	46.541	-0.010313
0.844081	81.8828	100.775	687.603	802.967	29.3354	6.58489	46.837	-0.010825
0.845081	82.1581	100.638	688.745	807.747	29.3589	6.57989	46.889	-0.010313
0.846081	81.8828	100.775	671.487	810.089	29.3782	6.57844	46.9357	-0.010825
0.847081	81.1989	100.838	673.771	813.62	29.1805	6.57594	46.7384	-0.008438
0.848081	81.8826	100.227	675.589	816.888	28.6588	6.58094	47.1331	-0.012188
0.849081	82.1581	100.501	679.139	822.634	27.8642	6.58219	47.8733	-0.009083
0.850081	81.8828	100.775	682.109	825.912	27.387	6.58094	47.5279	-0.008375
0.851081	81.8826	100.638	683.822	830.01	28.0555	6.52906	47.6266	-0.010313
0.852081	82.0193	100.912	686.563	833.834	28.348	6.50489	47.7253	-0.010938
0.853081	81.8826	100.775	689.533	838.205	28.6588	6.52408	47.3788	-0.011583
0.854081	81.8826	100.501	692.731	842.029	28.8177	6.59281	47.7253	-0.010313
0.855082	82.0193	101.48	695.244	846.673	28.8544	6.57344	48.12	-0.009375
0.856082	82.1581	100.775	697.757	852.138	28.6832	6.57489	48.3687	-0.012188
0.857082	82.2928	100.501	700.27	853.775	28.6914	6.57156	48.2187	-0.011583
0.858082	82.4295	100.364	703.239	856.419	28.8139	6.57594	48.2187	-0.010313
0.859082	82.0193	100.638	704.724	861.151	28.2287	6.57781	48.6135	-0.012813
0.860082	82.2928	99.9528	706.038	864.975	27.8843	6.57156	48.8095	-0.009888
0.861082	82.0193	100.912	710.082	869.619	27.8968	6.57281	48.7121	-0.012188
0.862082	82.1581	100.775	712.034	871.687	27.2525	6.57531	48.6135	-0.011875
0.863082	81.8828	100.775	714.433	875.901	27.1588	6.58094	48.9095	-0.010313
0.864082	81.8828	100.775	716.032	877.54	28.1615	6.57781	48.6135	-0.011583
0.865082	82.0193	100.912	717.859	880.545	28.6829	6.57082	49.1089	-0.010313
0.866082	81.8828	100.775	719.915	883.14	28.8014	6.54856	49.1089	-0.010313
0.867082	81.8828	101.049	721.514	886.555	29.0258	6.52312	49.3043	-0.011875
0.868083	81.8826	100.638	723.57	887.648	29.4862	6.50594	49.3043	-0.009375
0.869083	82.0193	100.501	725.397	890.243	29.4862	6.55408	49.2058	-0.007188
0.870083	82.0193	100.364	728.311	891.745	29.2131	6.57844	49.3043	-0.011583
0.871083	81.8826	100.775	728.139	895.023	28.8055	6.58989	49.699	-0.01125
0.872083	81.8091	100.638	730.851	898.028	27.9008	6.57906	49.8471	-0.010313
0.873083	81.7458	100.501	732.479	900.076	27.1017	6.58437	49.6003	-0.010938
0.874083	82.4295	100.501	734.992	902.945	27.811	6.57489	49.6497	-0.010313
0.875083	82.2928	101.049	737.505	905.876	27.8438	6.57658	49.5017	-0.010313
0.876083	82.1581	100.775	739.58	907.042	28.4306	6.57437	49.7484	-0.01125
0.877083	81.8826	100.775	741.388	908.954	29.1153	6.57844	49.699	-0.010838
0.878083	81.8826	100.912	744.588	912.505	28.9645	6.58219	50.0444	-0.010313
0.879083	82.0193	100.501	747.327	914.144	28.5487	6.57719	49.9951	-0.010313
0.880083	81.8828	100.775	750.297	916.39	28.7892	6.57719	50.0938	-0.009083
0.881083	82.1581	100.775	751.688	918.852	29.0258	6.57031	50.0938	-0.010313
0.882084	81.8828	100.912	754.637	920.7	28.7158	6.54531	50.2912	-0.009888
0.883084	81.8828	100.775	758.465	924.115	28.4794	6.51989	50.0938	-0.010313

0.884084	62.4295	100.775	758.749	925.617	28.2104	6.51219	49.8471	-0.010825
0.885084	61.8091	101.049	759.883	927.803	27.6968	6.58856	50.0938	-0.010313
0.886084	61.8091	100.501	762.632	930.261	27.3381	6.57844	50.1925	-0.010313
0.887084	61.8091	101.049	764.48	932.583	27.8884	6.58469	50.4392	-0.010825
0.888084	61.8828	100.638	766.402	934.632	28.3327	6.57937	50.3899	-0.009375
0.889084	62.0193	100.775	766.744	936.183	28.7729	6.57531	50.2912	-0.012813
0.890084	62.2928	100.384	768.458	939.002	29.0175	6.58084	50.8859	-0.011563
0.891084	61.8828	100.775	769.942	941.188	29.1438	6.58469	50.8833	-0.008438
0.892084	61.8828	100.775	771.085	943.919	29.1927	6.58781	50.8859	-0.012188
0.893084	61.8828	100.501	772.684	944.739	29.1318	6.58158	51.0313	-0.010313
0.894084	61.8828	100.775	773.828	948.583	28.887	6.57969	50.8833	-0.011563
0.895084	61.0622	101.049	773.94	949.792	28.5283	6.58408	51.0313	-0.011563
0.896085	61.8828	101.323	774.74	951.978	28.0392	6.58844	50.982	-0.010938
0.897085	61.7458	101.323	778.339	954.709	27.224	6.58858	51.2287	-0.009688
0.898085	61.8828	100.638	777.709	955.939	26.9591	6.53594	51.2287	-0.010625
0.899085	61.3358	100.775	778.186	958.807	27.2322	6.51375	51.1794	-0.009063
0.900085	61.8828	100.775	779.537	962.788	27.6805	6.52844	51.2287	-0.010313
0.901085	61.8828	100.912	780.222	963.587	27.9008	6.50408	51.0907	-0.011583
0.902085	61.8828	100.775	778.994	964.68	28.0881	6.58375	51.0907	-0.010938
0.903085	61.7458	101.048	780.222	966.455	28.1207	6.58858	51.4754	-0.011875
0.904085	61.7458	100.912	780.907	968.231	28.2287	6.58858	51.4754	-0.009375
0.905085	61.8828	100.638	782.506	969.597	28.1896	6.58094	51.4754	-0.010938
0.906085	61.8828	100.501	783.192	972.802	28.0555	6.58158	51.4281	-0.009375
0.907085	61.7458	100.775	782.963	974.787	27.7639	6.58869	51.6728	-0.010313
0.908085	61.7458	101.049	783.42	976.426	27.4728	6.58844	51.6235	-0.011563
0.909085	61.7458	101.049	784.582	978.611	26.8957	6.58281	51.6235	-0.010825
0.910088	61.8828	100.775	784.791	980.797	26.8979	6.59469	51.5741	-0.011875
0.911088	61.7458	100.775	785.59	983.801	27.5745	6.59406	51.6728	-0.01125
0.912088	61.0622	100.912	786.161	983.255	27.9577	6.58594	51.6235	-0.010938
0.913088	61.8091	101.049	787.075	988.28	28.2675	6.58469	51.6728	-0.008438
0.914088	61.7458	100.775	787.075	987.828	28.5039	6.53969	51.5741	-0.012813
0.915088	61.8091	100.638	787.188	988.172	28.5854	6.52219	51.9689	-0.010313
0.916088	61.1989	100.775	787.989	980.83	28.6586	6.64719	51.8702	-0.008438
0.917088	61.7458	100.775	787.989	981.996	28.6302	6.68437	52.0676	-0.012188
0.918088	61.3358	100.912	788.674	993.499	28.3898	6.57844	51.9689	-0.010825
0.919088	61.8091	100.638	789.017	995.957	28.0392	6.58869	51.8728	-0.010313
0.920088	61.7458	100.775	789.359	998.006	27.6805	6.58844	51.8702	-0.010313
0.921088	61.8091	100.775	790.273	1000.19	27.081	6.58469	51.8728	-0.008438
0.922088	62.1561	100.912	790.273	1002.38	26.4006	6.58219	51.8728	-0.010313
0.923088	62.0193	100.501	790.73	1002.51	26.0175	6.58825	51.8702	-0.0125
0.924087	61.8828	101.323	790.273	1004.02	26.4677	6.58844	52.0182	-0.010825
0.925087	61.8828	100.912	790.73	1005.79	26.8164	6.58906	51.5741	-0.011875
0.926087	61.8828	100.775	791.073	1007.29	26.9591	6.58469	51.9689	-0.011583
0.927087	61.7458	100.775	791.187	1010.18	27.2036	6.58781	52.0182	-0.010938
0.928087	61.8828	100.775	791.187	1011.39	27.3422	6.58781	51.8728	-0.011583
0.929087	61.8828	101.049	791.073	1012.76	27.2485	6.57469	51.8702	-0.010313
0.930087	61.8828	100.912	789.358	1013.85	27.1832	6.53344	51.8702	-0.010825
0.931087	61.8828	100.775	789.702	1015.83	27.0854	6.50969	51.9185	-0.009688
0.932087	61.3358	100.775	790.045	1017.28	26.7838	6.55594	52.1169	-0.01
0.933087	61.7458	100.775	789.816	1020.13	26.3966	6.60156	51.9185	-0.010313
0.934087	61.8828	100.775	790.73	1020.13	26.205	6.58719	51.6728	-0.010313
0.935087	61.8828	100.638	789.816	1020.82	26.8572	6.58812	51.6728	-0.007188

0.938067	81.8826	100.912	788.331	1022.04	27.3707	6.58406	51.8235	-0.012813
0.937067	81.8826	100.501	787.532	1023.27	27.5338	6.58469	51.8235	-0.011563
0.938068	81.3356	100.775	786.847	1025.19	27.8436	6.59344	51.8702	-0.01125
0.939068	82.1561	100.501	786.818	1026.41	28.3979	6.59219	51.8235	-0.010625
0.940068	81.3356	100.912	785.704	1028.87	28.4488	6.58781	51.8235	-0.010625
0.941068	82.1561	100.838	784.791	1030.24	28.3245	6.58469	51.3768	-0.010313
0.942068	81.8826	100.501	784.562	1031.33	28.1411	6.58719	51.4261	-0.011563
0.943068	81.7458	100.775	783.783	1033.52	28.4957	6.59084	51.2781	-0.010625
0.944068	81.7458	100.775	783.308	1034.88	28.0148	6.59082	61.3768	-0.012813
0.945068	81.7458	100.838	784.334	1035.7	27.1506	6.57156	61.4764	-0.01125
0.946068	81.8091	100.775	784.105	1036.8	27.1017	6.54406	51.3274	-0.010313
0.947068	82.0193	100.501	783.192	1037.89	28.3925	6.52406	61.0807	-0.012813
0.948068	81.8826	100.384	783.877	1039.25	25.9623	6.53937	61.1794	-0.009063
0.949068	81.8826	100.775	784.791	1040.07	26.4865	6.59008	51.4261	-0.009063
0.950068	81.8091	101.188	785.248	1041.99	27.0936	6.58344	51.2781	-0.010313
0.951068	82.1561	100.09	786.39	1043.35	27.0895	6.59406	50.982	-0.010313
0.952068	81.7458	100.501	786.504	1044.17	27.0487	6.59312	50.7353	-0.011563
0.953068	81.8091	100.912	787.075	1044.85	27.061	6.5875	50.8833	-0.009375
0.954068	81.8826	101.48	787.532	1046.9	27.0202	6.58812	50.834	-0.010938
0.955068	81.8826	101.049	787.075	1047.72	26.849	6.58719	50.8833	-0.010938
0.956068	81.7458	100.775	786.818	1047.99	26.5881	6.59094	50.834	-0.010625
0.957068	81.8091	100.775	785.133	1048.81	26.4414	6.59406	50.834	-0.009888
0.958068	81.8091	100.912	784.448	1049.77	25.83	6.59156	50.5872	-0.013125
0.959068	81.4724	101.323	782.983	1051.55	25.8137	6.58594	50.7846	-0.013438
0.960068	81.8826	100.775	782.049	1052.64	26.6534	6.58781	61.0807	-0.010938
0.961068	81.7458	100.775	780.222	1054.89	27.0936	6.57584	50.6366	-0.011563
0.962068	82.1561	101.323	777.481	1055.1	27.4767	6.55156	50.8833	-0.009375
0.963068	81.8091	100.912	776.453	1055.37	28.0148	6.52594	50.4392	-0.009688
0.964068	81.7458	100.838	774.511	1056.87	28.3001	6.51969	50.6366	-0.010313
0.965068	81.3356	100.912	772.684	1057.01	28.0881	6.58594	60.3899	-0.009688
0.96607	81.8091	100.384	771.541	1058.1	28.4101	6.58344	50.3405	-0.010313
0.96707	81.7458	100.775	770.171	1059.19	28.561	6.58969	50.1925	-0.009063
0.96807	81.8091	100.775	768.8	1059.19	28.1941	6.58825	50.0938	-0.010313
0.96907	81.3356	100.912	767.201	1059.47	27.9577	6.58406	49.5017	-0.012813
0.97007	81.8091	100.775	766.973	1061.52	27.8275	6.58969	50.0938	-0.011563
0.97107	81.7458	101.049	765.831	1061.38	26.3028	6.59219	50.2912	-0.009063
0.97207	81.8091	100.912	764.117	1061.93	25.9686	6.58875	49.9951	-0.010938
0.97307	81.7458	100.384	763.918	1062.34	26.4659	6.58887	50.0444	-0.010625
0.97407	82.0193	100.227	761.719	1063.29	26.743	6.58469	49.698	-0.012188
0.97507	81.8826	101.049	760.005	1064.86	26.9876	6.59219	49.551	-0.012188
0.97607	82.1561	101.48	757.95	1065.89	28.8572	6.59344	49.6003	-0.010313
0.97707	82.4295	100.501	755.437	1066.02	27.0528	6.58219	49.4523	-0.010938
0.97807	81.8091	100.775	752.895	1067.25	27.2892	6.55344	49.3043	-0.010313
0.97907	82.4295	100.912	750.411	1066.3	26.6371	6.52969	49.403	-0.010625
0.980071	81.8826	100.838	748.489	1067.25	26.6656	6.51187	49.0062	-0.011563
0.981071	81.7458	100.775	745.5	1068.03	26.5433	6.56656	49.0062	-0.010938
0.982071	81.8091	100.838	744.015	1069.98	25.7892	6.59156	48.1562	-0.010313
0.983071	81.7458	100.775	741.731	1070.39	25.6792	6.57969	48.2056	-0.010313
0.984071	81.8091	100.501	739.448	1070.94	25.3898	6.58469	49.2056	-0.010313
0.985071	81.3356	100.501	737.619	1072.31	25.7159	6.58406	49.0062	-0.010313
0.986071	81.8091	100.775	735.906	1073.13	26.2947	6.58344	48.9095	-0.009063
0.987071	81.4724	101.049	734.306	1074.77	26.5841	6.57781	49.0576	-0.010313

0.988071	81.7458	100.775	732.936	1076.13	26.9061	6.57844	49.0082	-0.01125
0.989071	81.6091	101.049	731.784	1077.63	27.1588	6.5775	49.1089	-0.010825
0.990071	81.6091	100.775	730.88	1087.88	27.3014	6.57989	49.0576	-0.010938
0.991071	81.7458	100.775	731.784	1093.07	27.387	6.57156	48.7121	-0.013438
0.992071	81.8826	100.227	732.022	1095.86	27.2974	6.57219	49.2549	-0.012813
0.993072	81.7458	100.775	728.71	1095.53	27.3014	6.57219	49.551	-0.010938
0.994072	81.7458	100.775	728.311	1091.15	27.061	6.56344	49.2056	-0.010838
0.995072	82.1561	99.9526	725.055	1086.37	26.3782	6.53844	49.699	-0.009083
0.996072	81.7458	100.775	722.428	1084.87	25.5854	6.50656	49.699	-0.010825
0.997072	82.0193	100.912	720.829	1083.78	24.9859	6.50594	49.6003	-0.009375
0.998072	82.1561	101.46	719.915	1087.33	25.6673	6.56219	49.7484	-0.011583
0.999072	81.7458	100.775	719.344	1091.43	25.9074	6.56719	49.7977	-0.011875
1.00007	81.8826	100.775	718.544	1093.61	25.8871	6.57594	49.8984	-0.012813
1.00107	81.8826	101.323	718.088	1093.61	26.2294	6.56812	49.9851	-0.009888
1.00207	81.3356	100.638	718.773	1091.7	26.3599	6.56656	49.6497	-0.011583
1.00307	81.8826	101.049	718.544	1091.97	26.0053	6.56906	49.699	-0.011583
1.00407	81.6091	100.501	718.43	1092.52	26.0419	6.57094	50.6366	-0.009888
1.00507	81.8826	100.638	718.887	1093.61	25.936	6.67344	49.9661	-0.010313
1.00607	81.3356	100.912	719.001	1093.61	25.671	6.66969	49.9661	-0.011583
1.00707	81.8826	100.775	718.887	1094.98	25.3653	6.66844	49.8984	-0.011583
1.00807	81.8826	100.501	718.088	1094.71	25.2186	6.57094	50.0938	-0.010825
1.00907	81.7458	100.775	718.088	1095.25	24.6194	6.57594	50.0938	-0.012188
1.01007	81.3356	101.186	718.088	1095.12	24.1833	6.57844	50.0938	-0.010313
1.01107	81.6091	101.323	718.43	1095.8	24.1629	6.56219	50.0938	-0.011583
1.01207	81.7458	101.049	719.887	1095.25	25.1493	6.53469	50.0938	-0.010825
1.01307	81.6091	100.501	718.887	1094.3	25.561	6.50906	49.6003	-0.012188
1.01407	81.3356	100.638	719.915	1096.07	25.883	6.52094	49.7977	-0.011875
1.01507	81.6091	100.775	720.829	1096.89	26.1642	6.53344	50.2912	-0.010313
1.01607	81.6091	100.775	720.829	1096.21	26.3313	6.57719	49.9458	-0.01125
1.01707	81.8826	99.8155	721.742	1096.35	26.4486	6.58687	49.9458	-0.011583
1.01807	81.6091	100.775	722.428	1098.01	26.5474	6.58594	49.899	-0.010838
1.01907	81.8826	100.501	720.829	1098.51	26.4903	6.58781	49.899	-0.009063
1.02007	81.3356	100.775	721.742	1095.96	26.2539	6.57989	49.7977	-0.010825
1.02107	81.3356	100.912	723.57	1093.1	26.7729	6.58531	49.6497	-0.010938
1.02207	81.7458	100.638	723.913	1094.87	24.9859	6.56281	49.6003	-0.011875
1.02307	81.3356	101.049	724.484	1097.06	24.7417	6.56719	49.6003	-0.011583
1.02407	81.3356	100.912	726.882	1095.25	25.3083	6.58312	49.2056	-0.012813
1.02507	80.7888	100.775	730.769	1118.06	25.6425	6.58094	49.403	-0.011583
1.02607	81.3356	100.912	736.19	1123.12	25.8483	6.58187	50.3899	-0.012188
1.02707	81.3356	100.638	741.388	1125.16	25.8871	6.58344	49.5017	-0.009888
1.02807	81.3356	101.323	742.644	1121.48	25.9971	6.57844	49.5017	-0.011583
1.02907	81.3356	101.049	744.129	1114.92	26.1988	6.54656	49.9851	-0.010313
1.03007	81.6091	100.227	744.129	1108.91	26.1642	6.52682	50.4392	-0.010313
1.03107	82.0193	101.049	744.129	1105.63	25.9804	6.52219	50.5872	-0.010938
1.03207	81.3356	100.775	745.5	1093.61	25.9523	6.59687	50.6859	-0.010825
1.03307	81.6091	101.049	743.101	1094.71	25.7159	6.58844	50.7353	-0.010938
1.03407	81.6091	100.912	743.215	1100.31	25.2104	6.58662	50.7846	-0.010313
1.03507	81.3356	101.049	746.867	1100.44	24.9414	6.58562	50.982	-0.010825
1.03607	81.3356	101.049	748.756	1104.13	24.6988	6.58825	50.4392	-0.011583
1.03707	81.8826	100.775	748.926	1105.63	24.493	6.58989	50.7846	-0.010825
1.03807	81.3356	100.775	753.609	1106.18	25.2838	6.59156	50.3899	-0.011875
1.03907	81.7458	100.638	757.264	1109.67	26.0542	6.58781	50.2912	-0.010938

1.04007	81.3356	100.775	760.577	1111.92	25.9034	6.58989	50.1431	-0.011563
1.04107	81.3356	100.775	763.775	1114.24	25.8381	6.59031	50.0444	-0.011563
1.04208	81.3356	100.775	767.201	1115.74	26.1153	6.58844	50.1925	-0.010825
1.04308	81.3356	100.775	770.399	1116.42	26.4373	6.59375	49.7977	-0.011563
1.04408	81.3356	100.912	771.085	1118.74	26.2702	6.58812	49.7484	-0.011563
1.04508	81.4724	101.049	773.141	1117.85	26.1561	6.58656	50.0444	-0.011563
1.04608	81.3356	100.912	775.882	1118.06	25.8871	6.58719	49.6497	-0.010313
1.04708	81.7458	100.638	775.653	1118.2	25.5243	6.56719	49.6497	-0.011875
1.04808	81.6091	100.638	777.252	1118.74	24.4158	6.53281	49.9951	-0.010313
1.04908	81.3356	100.775	778.737	1118.74	24.1751	6.55584	49.5017	-0.010313
1.05008	80.6521	101.049	780.907	1120.11	24.921	6.62584	49.4523	-0.01125
1.05108	81.3356	100.775	782.049	1120.38	25.3853	6.60856	49.3043	-0.009375
1.05208	81.6091	100.775	783.877	1120.38	25.1982	6.60719	49.0576	-0.010938
1.05308	81.3356	100.912	785.248	1120.66	25.0382	6.60312	49.1069	-0.010313
1.05408	81.1989	100.912	787.075	1121.48	25.8098	6.60469	49.1069	-0.010313
1.05508	81.4724	100.912	788.448	1122.43	26.3028	6.61219	49.1562	-0.010313
1.05608	81.8826	100.775	789.816	1121.48	25.871	6.61219	48.7121	-0.010625
1.05708	81.0622	100.775	792.101	1121.07	25.2756	6.60625	48.9095	-0.010313
1.05808	81.1989	101.049	792.443	1121.48	25.7689	6.60969	48.9589	-0.01125
1.05908	81.3356	101.049	795.288	1122.3	25.5773	6.60844	48.2549	-0.009063
1.06008	81.3356	100.912	797.489	1122.02	25.1248	6.60656	48.0082	-0.010313
1.06108	81.6091	101.049	799.639	1122.84	24.7254	6.60584	48.9095	-0.010938
1.06208	81.3356	100.775	801.581	1124.21	24.6112	6.60437	48.2549	-0.009375
1.06308	81.1989	101.323	803.865	1124.62	24.2159	6.59969	48.2056	-0.010313
1.06408	81.0622	101.48	805.807	1125.16	24.3545	6.57281	48.2549	-0.009063
1.06508	81.3356	100.912	808.548	1125.57	24.9985	6.54684	49.3043	-0.010625
1.06608	81.3356	100.775	810.378	1125.71	25.2838	6.52408	49.3043	-0.010313
1.06708	81.3356	101.049	813.802	1124.48	25.3898	6.58125	49.403	-0.009688
1.06808	81.0622	100.775	817.114	1125.98	25.618	6.60219	49.5017	-0.008438
1.06908	81.6091	100.638	818.028	1126.28	25.8137	6.58489	49.3043	-0.011563
1.07008	81.8826	101.049	820.427	1127.08	25.6343	6.59812	49.8964	-0.010938
1.07108	81.3356	100.912	822.254	1128.03	25.5569	6.58969	49.699	-0.010313
1.07208	81.1989	100.775	824.31	1128.58	25.5447	6.58938	49.8964	-0.009375
1.07308	81.3356	100.912	825.338	1129.28	25.1856	6.58844	49.8471	-0.010313
1.07408	81.1989	101.049	827.508	1129.94	24.7947	6.58156	49.8964	-0.010938
1.07508	81.1989	100.775	829.584	1129.87	24.3504	6.58938	49.9951	-0.009375
1.07608	81.6091	100.912	830.384	1129.4	23.474	6.58469	50.2418	-0.010313
1.07708	81.4724	100.912	831.392	1130.76	23.5229	6.58281	50.3899	-0.01125
1.07808	81.1989	100.638	832.981	1130.49	23.8305	6.58656	50.4886	-0.01125
1.07908	81.6091	101.049	834.133	1130.9	24.114	6.68719	50.3899	-0.009688
1.08008	81.1989	100.775	834.018	1131.58	24.1873	6.57969	50.3406	-0.011875
1.08108	81.6091	100.601	836.76	1132.05	24.4871	6.57582	50.982	-0.008438
1.08208	81.0622	100.775	837.788	1133.22	24.6235	6.55344	50.6869	-0.010313
1.08308	81.3356	100.775	838.702	1134.04	24.4197	6.53094	50.8833	-0.008438
1.08408	81.1989	100.638	840.072	1134.72	24.3871	6.51594	50.834	-0.010313
1.08508	81.3356	100.501	841.443	1135.41	24.599	6.55844	51.0313	-0.010313
1.08608	81.3356	100.912	842.357	1135.68	24.4849	6.58344	51.0807	-0.010313
1.08708	81.3356	100.775	843.499	1136.77	24.0365	6.57094	51.0313	-0.010625
1.08808	81.1989	100.364	844.641	1136.82	23.8409	6.58063	51.0313	-0.010313
1.08908	81.3356	100.364	845.669	1137.87	23.6982	6.57719	51.2781	-0.011875
1.09008	81.3356	100.775	846.811	1138	23.2213	6.57281	51.3768	-0.007813
1.09108	81.1989	101.049	847.154	1138.41	23.4414	6.58781	51.3768	-0.010313

1.09208	81.3358	100.912	847.839	1138.98	24.0447	6.57281	51.3274	-0.011583
1.09308	80.5153	100.912	848.981	1140.05	24.3545	6.57344	51.2781	-0.01125
1.09408	81.3356	100.912	849.688	1141.14	24.4523	6.57875	51.6728	-0.012188
1.09508	81.1989	100.912	850.123	1141.96	24.599	6.56875	51.9689	-0.011583
1.09608	81.3356	100.912	851.037	1142.24	24.8782	6.56719	51.8702	-0.010313
1.09708	81.0822	101.597	851.494	1143.88	24.8333	6.56719	51.8728	-0.009375
1.09808	81.3356	100.912	851.951	1142.78	24.7539	6.57031	51.9689	-0.010938
1.09908	81.3356	100.775	851.951	1144.83	24.7784	6.56844	52.1683	-0.010313
1.10008	81.0822	100.775	852.75	1145.51	24.5786	6.54406	52.2156	-0.010313
1.10108	81.1989	100.775	854.121	1146.08	24.224	6.51844	52.265	-0.008875
1.10208	81.3356	100.501	853.207	1147.43	24.0324	6.49563	52.1683	-0.012188
1.10308	81.3356	100.912	854.692	1147.15	23.7023	6.51781	52.561	-0.010313
1.10408	81.0822	100.775	854.692	1149.07	23.1479	6.57937	52.3636	-0.011875
1.10508	81.0822	101.049	855.149	1149.07	22.8282	6.55969	52.4623	-0.010938
1.10608	82.0193	100.775	856.083	1149.61	22.867	6.56844	52.8597	-0.011583
1.10708	81.1989	101.597	858.52	1150.7	22.9075	6.56469	52.7091	-0.010313
1.10808	81.3356	101.323	858.748	1151.25	23.1806	6.57156	52.8078	-0.011875
1.10908	81.3356	101.186	858.347	1151.8	23.4903	6.56187	52.8571	-0.010825
1.11008	81.1989	100.775	858.804	1154.26	23.47	6.56312	53.1038	-0.013125
1.11108	81.3356	100.912	859.147	1153.71	23.3782	6.56158	52.8571	-0.010938
1.11208	81.0822	100.775	860.174	1154.67	23.8045	6.56594	53.2519	-0.008438
1.11308	81.1989	100.912	861.317	1155.35	23.5878	6.56969	53.0545	-0.010938
1.11408	81.3356	100.775	861.088	1155.89	23.4496	6.56469	53.3505	-0.009688
1.11508	81.3356	100.775	861.088	1155.76	23.311	6.56719	53.4492	-0.009375
1.11608	81.1989	100.775	861.317	1156.89	23.1357	6.56906	53.3505	-0.009688
1.11708	81.0822	100.775	860.86	1157.81	22.8137	6.56875	53.5479	-0.009375
1.11808	81.3356	101.186	861.088	1158.63	22.5121	6.56219	53.6466	-0.011583
1.11908	81.1989	101.049	860.974	1159.45	22.8545	6.53312	53.4492	-0.011583
1.12008	81.3356	100.638	860.631	1161.36	23.3782	6.50869	53.7453	-0.011583
1.12108	81.3356	100.775	859.375	1161.36	23.5882	6.49969	53.844	-0.010938
1.12208	81.3356	100.912	860.06	1161.22	23.8083	6.57219	53.844	-0.010825
1.12308	81.3356	101.049	860.403	1161.36	23.9958	6.57656	53.5479	-0.008438
1.12408	81.3356	100.775	858.804	1161.63	24.1751	6.57719	53.896	-0.010938
1.12508	81.4724	100.501	859.489	1162.45	24.224	6.57531	53.7946	-0.008438
1.12608	81.0822	101.049	860.174	1163.54	24.2077	6.57719	54.1401	-0.010838
1.12708	80.7888	101.049	860.174	1165.18	24.2892	6.58094	53.8933	-0.01125
1.12808	81.3356	101.049	861.317	1166.82	24.1792	6.57844	53.844	-0.011583
1.12908	81.0822	100.501	862.23	1166.41	23.8816	6.57813	54.1401	-0.010313
1.13008	81.1989	100.775	862.802	1166.82	23.8167	6.58261	53.7946	-0.010313
1.13108	81.3356	101.734	862.459	1167.23	23.4577	6.58469	53.9427	-0.012188
1.13208	81.4724	101.48	862.345	1168.73	23.0563	6.58406	53.9427	-0.010313
1.13308	81.1989	101.049	862.916	1167.23	22.4795	6.58344	53.844	-0.010313
1.13408	80.9255	101.323	862.916	1168.8	22.2838	6.58469	53.844	-0.008125
1.13508	81.3356	100.912	862.459	1170.24	22.2512	6.58531	53.7453	-0.011583
1.13608	81.0822	100.775	862.002	1170.37	22.0515	6.58219	53.8933	-0.010313
1.13708	81.3356	100.775	861.431	1171.74	22.5447	6.57937	54.0414	-0.011583
1.13808	81.0822	100.638	860.631	1172.83	23.1479	6.55406	53.9427	-0.010838
1.13908	81.0822	100.912	860.06	1171.74	22.3857	6.53187	54.0907	-0.010825
1.14008	81.3356	99.9526	858.69	1172.28	22.8096	6.52562	54.0907	-0.009063
1.14108	81.8091	100.912	858.575	1173.92	23.1642	6.60219	54.3668	-0.010838
1.14208	81.1989	100.638	858.347	1174.06	22.3327	6.59469	54.2367	-0.013125
1.14308	81.1989	101.049	858.862	1175.02	22.3246	6.59469	54.2367	-0.010313

1.14408	81.8081	100.775	857.205	1177.2	22.9523	6.59856	54.5348	-0.010313
1.14508	81.1989	100.775	857.89	1177.75	22.402	6.59594	54.5348	-0.006563
1.14808	81.0822	100.775	858.291	1179.25	21.5094	6.59531	54.5348	-0.010825
1.14708	81.1989	101.48	855.492	1178.84	21.4849	6.58312	54.8335	-0.011563
1.14808	80.5153	100.775	858.083	1179.93	22.1208	6.59781	54.8309	-0.010313
1.14908	81.0822	100.775	855.948	1180.75	22.1534	6.60094	54.8309	-0.010825
1.15008	81.3356	100.912	855.806	1181.03	22.2716	6.60844	54.8309	-0.011563
1.15108	80.9255	101.049	855.806	1181.57	23.1602	6.60094	54.8335	-0.010313
1.15208	81.0822	101.597	855.149	1182.53	23.3028	6.60094	55.0283	-0.010313
1.15308	81.0822	101.049	855.149	1184.3	22.9849	6.60094	55.0283	-0.010313
1.15408	81.1989	100.775	854.578	1186.49	23.2947	6.60469	55.0776	-0.010313
1.15508	81.1989	101.049	854.578	1185.87	23.5882	6.60594	55.1763	-0.008888
1.15608	81.1989	101.049	854.92	1187.04	23.2132	6.59156	55.0776	-0.010313
1.15708	81.0822	101.049	855.492	1187.04	23.2784	6.58375	54.9789	-0.01125
1.15808	81.3356	100.775	855.806	1188.35	23.7308	6.54156	55.2256	-0.01125
1.15908	81.0822	100.775	857.091	1187.58	23.2458	6.54187	55.2256	-0.010313
1.16008	81.1989	101.323	858.177	1187.99	23.0094	6.61719	55.0283	-0.010313
1.16108	81.0822	101.049	858.291	1189.77	23.2132	6.60656	55.127	-0.010313
1.16208	80.2419	100.775	858.083	1190.18	21.9455	6.60812	54.8309	-0.009375
1.16308	81.3356	100.912	855.149	1190.86	21.1751	6.60938	54.8309	-0.01125
1.16408	80.7888	100.775	854.806	1190.86	21.7458	6.61312	55.1763	-0.010313
1.16508	81.1989	101.049	853.55	1191.88	21.9089	6.60719	54.8309	-0.010938
1.16608	81.1989	100.912	853.778	1191.27	22.0556	6.61062	54.8829	-0.010825
1.16708	81.3356	100.912	853.55	1192.5	22.3124	6.60844	54.8309	-0.008125
1.16808	81.3356	101.049	851.484	1192.23	22.1208	6.61281	54.7322	-0.011563
1.16908	81.0822	100.912	851.837	1191.95	22.3979	6.61094	54.4856	-0.012188
1.17008	81.3356	100.364	849.552	1193.05	22.4306	6.60344	54.8309	-0.010313
1.17108	81.3356	101.049	849.438	1201.65	22.1858	6.60158	54.4361	-0.011563
1.17208	81.3356	101.323	849.21	1190.72	22.3572	6.60469	54.8309	-0.009375
1.17308	81.1989	101.049	844.841	1192.77	22.1534	6.60594	54.4361	-0.010313
1.17408	81.0822	101.049	844.412	1182.94	21.8438	6.60156	54.2387	-0.010313
1.17508	80.7888	100.912	844.184	1190.04	21.7378	6.59562	54.4855	-0.01125
1.17608	81.0822	100.912	844.755	1196.73	21.4034	6.57469	53.992	-0.011875
1.17708	81.1989	101.049	842.357	1201.51	21.0977	6.54906	54.1401	-0.010313
1.17808	81.0822	101.049	841.214	1204.38	20.9838	6.53844	54.1884	-0.010313
1.17908	81.0822	100.775	841.214	1201.51	21.0773	6.58469	54.3374	-0.011875
1.18008	81.0822	101.049	837.445	1199.48	21.4442	6.62344	54.8829	-0.01125
1.18108	81.3356	100.775	835.503	1192.5	21.811	6.60969	54.8335	-0.010825
1.18208	80.9255	100.838	834.932	1195.84	22.1371	6.62281	54.2881	-0.010938
1.18308	80.7888	101.323	835.275	1204.52	21.9047	6.61969	55.0776	-0.010313
1.18408	80.9255	100.912	834.133	1219.82	22.2675	6.61344	55.127	-0.010313
1.18508	80.9255	100.912	831.382	1233.47	22.8507	6.61562	55.6204	-0.008063
1.18608	81.0822	100.501	830.249	1235.68	22.1085	6.61594	55.8178	-0.010313
1.18708	81.0822	100.775	827.051	1229.65	22.3001	6.62656	56.1138	-0.011563
1.18808	80.7888	100.501	823.168	1214.08	22.667	6.61844	56.4099	-0.008888
1.18908	81.0822	100.775	819.741	1200.97	22.0963	6.61469	55.9858	-0.007188
1.19008	80.9255	101.049	818.142	1187.99	22.2308	6.61719	54.9296	-0.014375
1.19108	81.0822	100.775	818.315	1191.95	21.9333	6.62219	54.5348	-0.010938
1.19208	80.7888	100.364	815.173	1200.15	20.8327	6.62594	54.1401	-0.010825
1.19308	80.9255	100.638	814.258	1210.38	20.898	6.61812	53.5973	-0.010313
1.19408	81.1989	101.597	813.117	1219.27	20.4414	6.62158	53.4492	-0.01125
1.19508	81.0822	100.775	812.68	1223.08	20.8327	6.61969	53.6468	-0.010825

1.19609	80.2419	100.775	811.175	1220.36	20.9795	6.59761	53.844	-0.01125
1.19709	81.4724	100.775	811.289	1211.62	21.0773	6.57219	53.844	-0.01125
1.19809	81.0622	100.912	811.175	1204.38	21.0936	6.54261	54.2367	-0.009688
1.19909	80.7888	100.912	809.462	1201.24	21.1629	6.58875	54.2367	-0.010313
1.20009	80.7888	99.9526	808.662	1200.56	21.3219	6.63469	54.1401	-0.010938
1.20109	80.9255	100.775	806.149	1205.75	21.0855	6.62344	53.5973	-0.012813
1.20209	81.6091	100.638	804.893	1210.25	21.061	6.62468	53.7453	-0.010938
1.20309	81.6091	100.638	803.885	1212.99	21.0732	6.61531	53.698	-0.010313
1.20409	81.0622	101.049	802.609	1211.07	20.849	6.61781	53.4492	-0.010938
1.20509	80.6521	100.638	801.695	1219.13	20.7675	6.61908	53.8933	-0.009063
1.20609	80.7888	100.09	801.809	1209.98	20.5026	6.61219	53.844	-0.010938
1.20709	80.2419	100.775	796.441	1211.35	20.2743	6.60469	54.0414	-0.010313
1.20809	80.9255	100.501	793.586	1206.84	20.0094	6.60437	54.0414	-0.011583
1.20909	80.9255	101.323	792.558	1212.71	19.6792	6.61719	54.2367	-0.010625
1.21009	80.9255	100.227	791.187	1212.44	19.451	6.61989	54.3374	-0.010313
1.21109	81.0622	100.912	787.189	1213.4	19.3776	6.61687	54.3888	-0.010313
1.21209	81.0622	100.912	783.649	1212.44	19.6996	6.60719	53.8933	-0.012813
1.21309	80.9255	101.049	783.877	1216.95	20.3355	6.60908	54.3374	-0.010625
1.21409	80.9255	101.323	783.649	1225.82	20.4129	6.61844	54.8309	-0.010313
1.21509	80.7888	100.775	782.392	1234.02	20.6208	6.61656	54.9296	-0.010938
1.21609	80.2419	101.049	782.392	1245.49	20.8063	6.59375	55.423	-0.008438
1.21709	81.6091	100.912	783.306	1238.8	20.9306	6.55658	55.3243	-0.010525
1.21809	81.1989	100.501	776.453	1222.96	21.008	6.53125	55.423	-0.010625
1.21909	80.7888	101.049	769.257	1216.81	21.0121	6.55989	55.2256	-0.009063
1.22009	81.0622	101.049	769.714	1200.15	21.0121	6.61719	54.9789	-0.009688
1.22109	80.7888	100.775	767.866	1204.24	20.9876	6.59312	54.2367	-0.010313
1.22209	81.0622	100.912	766.516	1207.8	20.8409	6.59656	53.6466	-0.010625
1.22309	80.7888	100.912	766.516	1214.9	20.6249	6.59908	52.9064	-0.0125
1.22409	81.0622	100.227	767.43	1228.56	20.2456	6.60687	52.8078	-0.012188
1.22509	80.9255	100.912	766.115	1222.41	19.7118	6.60156	52.9064	-0.010313
1.22609	80.7888	101.188	763.546	1219	19.4956	6.59687	53.1532	-0.010938
1.22709	80.2419	100.775	763.66	1212.56	19.6181	6.59719	53.3505	-0.010313
1.22809	80.9255	100.775	766.516	1217.63	19.9401	6.59408	53.4986	-0.011583
1.22909	81.1989	100.775	769.257	1225.82	20.0583	6.59908	53.844	-0.011583
1.23009	80.7888	100.912	771.541	1235.11	20.1154	6.59219	54.0414	-0.010938
1.23109	80.7888	101.597	773.483	1231.02	20.1928	6.59687	54.3374	-0.01
1.23209	80.2419	100.912	770.856	1221.45	20.2743	6.58781	53.992	-0.010313
1.23309	80.7888	101.049	766.516	1214.35	20.2947	6.58406	54.0414	-0.010313
1.23409	81.0622	100.912	763.775	1203.02	20.3192	6.58469	53.4492	-0.01125
1.23509	81.0622	100.775	764.232	1207.25	20.3438	6.58719	53.4492	-0.01125
1.23609	80.7888	101.049	765.031	1207.25	20.1928	6.58375	53.844	-0.009688
1.23709	80.6521	100.775	763.546	1223.09	20.0216	6.66594	63.3605	-0.010938
1.23809	81.6091	100.912	766.059	1225.28	19.8789	6.63937	63.2519	-0.01125
1.23909	80.7888	101.049	765.488	1219.88	19.7159	6.62219	53.4492	-0.01375
1.24009	80.7888	100.775	762.861	1213.81	19.7322	6.67469	53.5973	-0.010313
1.24109	80.9255	101.049	763.318	1209.44	19.5773	6.59761	53.7453	-0.010938
1.24209	80.7888	100.912	766.059	1215.31	19.2349	6.58969	53.5973	-0.010938
1.24309	81.0622	101.049	769.257	1220.63	18.8355	6.59219	53.6466	-0.010313
1.24409	81.0622	101.049	770.742	1231.56	18.7336	6.59312	53.6466	-0.009688
1.24509	81.1989	100.501	772.912	1228.01	18.8333	6.58594	53.3505	-0.011583
1.24609	80.2419	100.912	771.085	1216.54	19.3817	6.58344	53.9427	-0.012188
1.24709	81.0622	101.597	766.267	1208.07	19.5569	6.58187	54.0414	-0.009375

1.24809	81.0622	100.912	766.402	1204.52	19.6466	6.57989	53.2519	-0.011875
1.24909	80.6521	100.912	769.486	1205.06	19.8219	6.58562	53.2519	-0.01125
1.25009	80.7888	100.775	772.455	1218.81	20.0012	6.57844	52.8078	-0.011875
1.25109	80.7888	100.364	774.74	1223.09	19.8545	6.58156	53.0051	-0.010313
1.25209	80.7888	100.775	776.11	1225.42	20.0787	6.58219	52.9558	-0.010625
1.25309	80.9255	100.775	774.283	1219.54	20.0787	6.57875	52.9558	-0.010313
1.25409	80.9255	101.049	772.912	1214.9	19.8545	6.57989	53.0545	-0.010938
1.25509	81.0622	100.912	772.455	1211.48	19.8871	6.57813	53.2025	-0.010313
1.25609	80.7888	100.912	777.024	1210.53	19.7078	6.57844	53.3505	-0.008438
1.25709	80.9255	100.501	779.422	1213.53	19.6425	6.57156	53.2519	-0.012188
1.25809	80.7888	100.912	782.849	1218.18	19.2349	6.54156	53.4492	-0.010313
1.25909	80.7888	101.049	782.963	1212.96	18.4605	6.51969	53.2025	-0.011583
1.26009	80.5153	101.049	781.935	1203.56	18.2485	6.49594	53.2519	-0.010313
1.26109	81.0622	100.775	780.222	1198.1	18.5175	6.55156	53.2519	-0.010313
1.26209	80.7888	101.049	781.478	1188.97	18.7784	6.57344	53.2025	-0.009688
1.26309	80.9255	100.775	782.621	1183.07	18.9741	6.55969	53.4492	-0.010313
1.26409	80.7888	100.912	782.963	1178.84	18.1045	6.56344	53.4492	-0.01125
1.26509	80.6521	100.501	783.192	1174.88	19.1289	6.55989	53.6486	-0.009063
1.26609	80.7888	100.775	782.963	1170.24	18.1942	6.55969	53.2519	-0.010313
1.26709	80.7888	100.912	781.935	1167.78	19.2961	6.55989	53.3999	-0.009688
1.26809	80.7888	101.049	782.621	1164.09	19.3857	6.55844	53.3505	-0.010313
1.26909	81.0622	101.597	783.877	1162.45	19.3001	6.55656	54.0907	-0.009063
1.27009	80.7888	101.049	787.418	1180.88	19.2349	6.55719	53.7453	-0.011583
1.27109	80.7888	100.775	789.816	1158.9	19.2349	6.55906	53.7946	-0.009688
1.27209	80.9255	100.912	782.101	1158.76	19.2716	6.55531	53.6486	-0.009688
1.27309	80.9255	100.912	793.357	1156.44	19.2023	6.55469	53.3505	-0.010625
1.27409	80.7888	100.912	795.299	1158.58	19.0087	6.54969	53.2519	-0.01125
1.27509	80.2419	101.049	797.355	1158.44	18.8192	6.55094	53.2519	-0.011875
1.27609	80.6521	100.775	788.725	1155.89	18.6543	6.54875	53.1532	-0.011875
1.27709	80.9255	100.775	800.667	1156.78	18.5746	6.55062	53.0545	-0.010313
1.27809	80.7888	100.775	803.408	1156.44	18.167	6.54469	53.1532	-0.008438
1.27909	81.1989	101.049	803.979	1156.71	18.1181	6.51906	52.9558	-0.012188
1.28009	80.9255	100.775	805.122	1158.71	18.4401	6.49469	53.2025	-0.011583
1.28109	80.7888	100.501	808.035	1163.3	18.5084	6.46844	52.9084	-0.01125
1.28209	80.6521	100.775	808.035	1163.82	18.6969	6.49844	52.7584	-0.01125
1.28309	80.7888	100.775	811.061	1164.5	19.0087	6.54969	52.8571	-0.010313
1.28409	80.9255	100.775	811.289	1163.54	19.0393	6.52844	52.561	-0.00875
1.28509	80.7888	100.638	810.49	1161.36	19.1126	6.54094	51.9689	-0.010313
1.28609	81.3356	100.775	811.632	1162.31	19.2767	6.54062	51.9689	-0.010313
1.28709	80.6521	100.775	814.145	1162.18	19.3287	6.53813	51.9195	-0.010625
1.28809	81.0622	100.775	814.031	1181.03	18.2268	6.5375	51.9689	-0.010313
1.28909	80.6521	100.775	818.371	1207.25	19.1697	6.53406	51.6728	-0.008125
1.29009	80.9255	100.912	821.797	1228.92	19.1534	6.53084	51.9195	-0.010313
1.29109	80.7888	100.775	821.112	1238.94	19.0393	6.53156	52.4823	-0.010938
1.29209	80.7888	100.912	818.257	1236.48	18.8069	6.54437	51.8702	-0.011875
1.29309	80.7888	100.912	818.028	1225.28	18.6887	6.54594	52.0676	-0.010625
1.29409	80.5153	101.186	819.97	1230.06	18.3871	6.53969	51.8702	-0.01125
1.29509	81.1989	100.227	823.511	1235.25	18.1344	6.53906	51.9689	-0.010938
1.29609	80.7888	100.912	824.853	1210.53	17.8493	6.53969	52.265	-0.01
1.29709	80.7888	100.775	817.343	1163.41	17.6045	6.53781	52.6104	-0.010313
1.29809	80.6521	100.775	806.284	1164.91	17.5841	6.54219	52.8571	-0.01125
1.29909	80.9255	100.912	819.97	1185.4	17.8165	6.54719	53.0545	-0.009688

1.30009	80.7888	100.501	838.874	1155.89	17.951	6.54344	53.0545	-0.008125
1.30109	80.7888	100.638	822.254	1178.29	18.0589	6.51989	53.3505	-0.012188
1.30209	80.7888	100.638	831.183	1181.38	18.0773	6.48969	52.8571	-0.010938
1.30309	80.7888	100.775	839.387	1150.98	18.2281	6.47156	52.2156	-0.010938
1.30409	81.0622	101.323	834.59	1166.68	18.2485	6.53281	50.7846	-0.010625
1.30509	80.6521	101.049	838.016	1169.01	18.2078	6.55084	49.6497	-0.010313
1.30609	80.7888	100.638	846.011	1165.73	18.1915	6.53906	48.4654	-0.009375
1.30709	80.8255	100.775	849.886	1165.46	18.2587	6.53969	47.0838	-0.010938
1.30809	80.7888	100.912	845.655	1166.55	18.1588	6.53469	45.9488	-0.011875
1.30909	80.7888	100.912	845.068	1170.85	18.0977	6.52906	45.2087	-0.010313
1.31009	80.6521	100.775	849.886	1171.74	18.0447	6.52594	45.0608	-0.010313
1.31109	80.7888	100.775	849.436	1178.38	17.9308	6.52469	45.11	-0.009888
1.31209	80.2419	101.049	844.869	1168.82	17.7838	6.52969	45.7515	-0.012188
1.31309	80.7888	100.775	843.042	1164.5	17.8371	6.54094	46.9357	-0.010313
1.31409	81.0622	101.049	844.412	1169.86	17.3353	6.54219	47.3305	-0.008438
1.31509	80.5153	99.9528	844.07	1186.73	17.1887	6.54156	47.8239	-0.010313
1.31609	81.8091	100.501	853.55	1218.54	17.2703	6.53969	48.0213	-0.009083
1.31709	80.7888	100.775	853.321	1149.2	17.523	6.54344	48.12	-0.008438
1.31809	80.8255	101.323	829.221	1155.89	17.7186	6.54406	47.8239	-0.010313
1.31909	80.6521	100.912	840.529	1177.75	17.8124	6.54219	47.3305	-0.010313
1.3201	80.6521	100.775	865.857	1161.9	17.9713	6.54406	46.837	-0.010313
1.3211	80.6521	100.775	852.75	1179.86	18.0892	6.53969	46.3438	-0.010938
1.3221	80.6521	100.775	852.979	1201.24	18.1099	6.53906	46.8502	-0.008083
1.3231	80.7888	101.188	869.789	1168.41	18.1344	6.51469	45.8528	-0.011875
1.3241	81.0622	101.188	865.2	1160.27	18.1425	6.48406	45.9488	-0.010625
1.3251	80.7888	100.775	856.063	1163.13	18.1425	6.48812	45.5047	-0.010938
1.3261	80.7888	100.775	871.939	1159.58	18.1262	6.51781	45.8528	-0.010313
1.3271	81.0622	100.384	884.389	1163.54	18.0938	6.55469	46.0989	-0.01125
1.3281	81.4724	101.46	879.477	1172.01	17.9713	6.53813	45.8995	-0.010938
1.3291	81.0622	101.597	871.368	1198.32	17.8776	6.54281	46.0989	-0.010313
1.3301	80.8255	100.912	881.533	1177.34	17.7348	6.54187	46.1462	-0.010313
1.3311	80.7888	100.775	876.508	1145.51	17.5515	6.54094	46.541	-0.010313
1.3321	80.8255	100.775	869.718	1178.16	17.3273	6.53844	46.2449	-0.010313
1.3331	80.7888	100.775	881.181	1162.45	17.0909	6.53844	46.4916	-0.009083
1.3341	81.1989	101.597	884.048	1148.79	16.7893	6.53406	46.689	-0.010313
1.3351	80.7888	100.775	886	1173.92	16.504	6.53469	47.2811	-0.011583
1.3361	81.0622	100.912	870.34	1174.74	16.3083	6.53469	47.0344	-0.011583
1.3371	80.8255	101.049	874.566	1167.78	16.4795	6.53156	47.4292	-0.009083
1.3381	80.5153	100.638	867.028	1176.66	16.6507	6.52875	47.5772	-0.010313
1.3391	80.5153	100.501	867.713	1170.1	16.7648	6.52812	48.12	-0.010313
1.3401	80.7888	100.775	877.85	1180.27	16.9034	6.53887	48.5148	-0.009888
1.3411	81.3358	100.501	878.906	1185.59	16.9197	6.53969	48.6135	-0.010938
1.3421	80.2419	101.049	873.881	1181.63	17.0257	6.53906	48.8108	-0.010938
1.3431	80.7888	101.049	872.282	1175.56	17.0746	6.53781	48.7815	-0.010938
1.3441	80.5153	101.049	880.505	1183.95	17.1072	6.53906	48.5148	-0.009083
1.3451	80.5153	100.912	873.768	1186.82	17.1235	6.52406	48.3174	-0.010938
1.3461	80.8521	100.775	871.368	1186.22	17.148	6.49781	48.3174	-0.010938
1.3471	80.3788	100.775	882.333	1156.44	17.148	6.47812	47.9226	-0.010313
1.3481	80.5153	101.049	875.708	1150.98	16.9849	6.47344	47.8239	-0.010313
1.3491	81.0622	101.049	869.426	1155.35	16.8382	6.54781	47.5279	-0.010938
1.3501	80.2419	100.775	877.85	1166.28	16.6589	6.53658	47.2318	-0.010313
1.3511	80.8521	100.775	881.647	1149.34	16.5936	6.53406	46.541	-0.010938

1.3521	80.2419	101.049	871.138	1140.8	16.5284	8.50344	45.9488	-0.00875
1.3531	80.8521	100.775	889.54	1119.84	16.188	8.45719	45.1583	-0.009063
1.3541	80.7888	100.775	878.822	1096.88	16.1942	8.42887	43.9257	-0.009375
1.3551	80.2419	100.838	875.251	1094.3	16.4021	8.40344	43.2349	-0.00875
1.3561	80.7888	101.049	877.079	1096.48	16.4858	8.38408	42.1	-0.008125
1.3571	80.8521	100.227	881.847	1090.34	16.6018	8.38858	41.4091	-0.010313
1.3581	80.7888	100.912	882.79	1083.78	16.7383	8.35313	40.0788	-0.012188
1.3591	80.7888	100.912	877.079	1076.54	16.7893	8.34406	39.8327	-0.010938
1.3601	80.8521	100.775	874.794	1062.88	16.8627	8.32989	39.0408	-0.010825
1.3611	80.5153	100.838	878.383	1053.19	16.9158	8.32856	38.5471	-0.010938
1.3621	81.3356	100.912	877.079	1044.72	16.9034	8.33594	38.0537	-0.010938
1.3631	80.8521	101.323	875.708	1036.8	16.8137	8.32219	37.8583	-0.010938
1.3641	80.7888	100.775	875.251	1030.79	16.8484	8.31489	37.8086	-0.010938
1.3651	80.7888	100.775	874.338	1025.32	16.8382	8.30281	37.5802	-0.011563
1.3661	80.8521	100.838	873.424	1017.13	16.8915	8.29489	37.7083	-0.0075
1.3671	80.5153	101.049	871.598	1009.34	16.8589	8.29781	37.8086	-0.012188
1.3681	80.5153	100.775	872.187	1001.28	16.5855	8.28489	37.8583	-0.010313
1.3691	80.5153	100.775	871.388	995.274	16.3206	8.24989	38.1524	-0.008688
1.3701	80.1062	100.912	872.053	989.401	16.3532	8.22094	38.0043	-0.010313
1.3711	80.2419	101.48	872.053	983.255	16.4917	8.21082	37.8583	-0.010313
1.3721	80.7888	100.838	872.053	978.066	16.182	8.28989	37.8589	-0.009375
1.3731	80.5153	100.775	871.025	973.967	16.9822	8.28937	37.8589	-0.012188
1.3741	80.2419	100.09	870.911	968.841	15.9859	8.28281	37.5802	-0.010825
1.3751	80.5153	101.049	869.312	963.587	15.6398	8.28408	37.4815	-0.011563
1.3761	80.8521	101.049	868.827	960.582	15.2404	8.25408	37.2148	-0.011563
1.3771	80.1052	100.775	870.228	965.031	15.4931	8.25489	37.2842	-0.010938
1.3781	80.7888	100.838	869.247	966.23	15.5339	8.25219	37.0888	-0.010938
1.3791	80.2419	100.775	882.581	1000.05	15.4768	8.24375	37.3829	-0.012813
1.3801	80.7888	100.912	878.822	997.598	15.8235	8.24531	37.0888	-0.011875
1.3811	80.8521	101.049	873.424	981.07	15.6765	8.23844	37.2842	-0.012188
1.3821	81.0822	101.049	871.482	982.221	15.7784	8.24489	37.8589	-0.010313
1.3831	81.3356	100.775	868.571	942.417	16.0474	8.24312	37.9057	-0.010313
1.3841	80.5153	101.049	861.774	918.515	16.0148	8.23489	38.6458	-0.010313
1.3851	80.8521	100.775	855.492	914.418	16.8436	8.23719	39.238	-0.010313
1.3861	81.0822	100.912	858.083	921.52	15.9619	8.23158	39.7314	-0.008438
1.3871	81.3356	100.912	858.804	918.788	15.8518	8.23094	40.4222	-0.012813
1.3881	80.7888	101.323	855.808	919.881	15.8273	8.23082	40.7183	-0.009063
1.3891	80.7888	100.501	855.149	936.817	15.864	8.22844	40.8198	-0.0125
1.3901	80.2419	101.188	862.459	935.042	15.7621	8.23094	41.0144	-0.010938
1.3911	80.5153	100.775	862.459	940.095	15.5502	8.22489	41.3595	-0.011563
1.3921	80.5153	101.049	861.545	947.744	15.379	8.21594	40.9157	-0.012813
1.3931	80.5153	100.838	865.771	955.939	15.3056	8.17989	41.2811	-0.011563
1.3941	80.8521	101.049	860.789	960.038	15.1752	8.15719	41.8036	-0.009063
1.3951	80.2419	100.775	865.429	960.038	15.0892	8.16825	41.8532	-0.010938
1.3961	80.7888	100.775	858.804	956.685	15.081	8.22869	42.1	-0.010938
1.3971	80.2419	100.912	855.377	942.89	15.1915	8.20781	42.5934	-0.010825
1.3981	80.2419	100.912	850.923	934.632	15.3219	8.21408	42.5934	-0.010938
1.3991	80.2419	100.775	848.897	937.91	15.5461	8.20594	42.7908	-0.009063
1.4001	80.7888	100.912	850.809	984.075	15.6725	8.20625	42.386	-0.01125
1.4011	81.0822	100.775	865.885	1005.85	15.7821	8.20158	42.2973	-0.010938
1.4021	80.5153	100.775	862.459	1018.03	15.9089	8.20489	42.0013	-0.010313
1.4031	81.0822	101.188	848.298	1001.01	15.9415	8.20158	41.8559	-0.010938

1.4041	80.2419	100.501	840.872	889.56	15.9252	6.19989	41.5078	-0.010313
1.4051	80.5153	100.638	803.979	829.19	16.0587	6.18989	41.2117	-0.011875
1.4061	80.2419	101.049	789.818	846.538	16.0515	6.19489	41.3588	-0.011583
1.4071	80.9255	101.323	828.65	792.896	15.9252	6.19219	41.8085	-0.012188
1.4081	80.2419	101.049	819.97	783.572	16.0108	6.19125	41.6065	-0.011583
1.4091	80.7888	101.049	798.689	814.439	15.9415	6.18844	41.2117	-0.013125
1.4101	80.3788	100.912	810.947	837.385	15.8314	6.18489	40.5703	-0.009083
1.4111	80.5153	100.775	840.301	898.935	15.7091	6.18219	39.2873	-0.012188
1.4121	81.0622	100.501	884.989	1024.78	15.7091	6.18469	38.3991	-0.011583
1.4131	81.0622	100.227	937.157	1010.84	15.685	6.18437	38.103	-0.010313
1.4141	80.5153	100.912	914.771	979.84	15.485	6.1775	37.3829	-0.010313
1.4151	80.5153	100.775	867.827	976.153	15.3708	6.17812	37.4615	-0.010313
1.4161	80.2419	101.049	867.484	948.583	15.22	6.15844	38.103	-0.009375
1.4171	80.6521	100.912	886.901	836.954	14.7584	6.12781	39.1393	-0.01125
1.4181	80.2419	100.775	892.498	981.07	14.417	6.10719	40.7183	-0.009083
1.4191	80.6521	100.912	898.095	1040.89	14.4578	6.11812	41.5078	-0.010625
1.4201	80.2419	100.638	894.211	1037.07	14.4415	6.17469	42.398	-0.010838
1.4211	81.1989	101.049	850.123	1022.59	14.686	6.15887	42.5934	-0.010313
1.4221	80.2419	100.638	812.66	996.962	14.7309	6.15719	42.8895	-0.012188
1.4231	80.7888	100.775	821.797	986.455	14.8817	6.15158	43.7777	-0.010938
1.4241	80.7888	100.227	843.27	939.412	14.9469	6.16219	44.1231	-0.010313
1.4251	80.7888	101.323	836.646	923.705	15.0936	6.14844	44.0737	-0.010938
1.4261	80.6521	100.775	825.11	924.798	15.1915	6.14906	44.3898	-0.010313
1.4271	80.7888	101.049	828.422	958.397	15.2404	6.14584	44.2711	-0.011583
1.4281	80.7888	100.775	830.364	983.587	15.3708	6.14084	44.5178	-0.009888
1.4291	81.1989	101.48	814.031	985.304	15.3867	6.13908	44.3698	-0.010938
1.4301	80.2419	100.912	820.313	1000.74	15.3871	6.14406	44.4885	-0.011583
1.4311	80.5153	100.775	844.984	999.099	15.4279	6.14344	44.8139	-0.010313
1.4321	80.2419	100.638	852.293	913.735	15.432	6.14375	44.8139	-0.010625
1.4331	80.5153	101.049	813.117	893.857	15.3545	6.13875	44.9619	-0.012813
1.4341	80.2419	100.775	809.919	881.501	15.3382	6.13969	45.3567	-0.010938
1.4351	81.0622	101.323	830.935	887.433	15.2404	6.13781	45.9488	-0.010313
1.4361	80.5153	100.912	827.508	913.325	15.0865	6.14084	45.258	-0.009888
1.4371	80.6521	99.9528	835.047	929.988	14.9858	6.14281	44.2711	-0.012188
1.4381	80.2419	100.912	844.184	941.324	14.898	6.13584	43.2842	-0.010938
1.4391	80.2419	101.48	842.928	931.9	14.7584	6.13584	41.9028	-0.012188
1.4401	80.6521	100.775	830.249	906.13	14.6842	6.12469	40.8196	-0.010625
1.4411	79.9885	101.48	822.254	864.565	14.6494	6.09844	39.6301	-0.011583
1.4421	80.7888	100.912	820.769	829.19	14.7839	6.07989	38.9419	-0.013438
1.4431	80.5153	100.775	808.881	828.644	15.0081	6.05908	38.3498	-0.010938
1.4441	80.2419	100.775	807.634	854.731	15.0447	6.11094	37.3135	-0.012813
1.4451	80.5153	100.775	822.597	860.331	15.2876	6.12908	37.3829	-0.009888
1.4461	79.8318	101.049	820.427	875.492	15.4118	6.11969	37.2148	-0.009888
1.4471	80.5153	101.049	813.574	882.594	15.5583	6.11969	38.8894	-0.01125
1.4481	80.6521	100.775	813.117	880.545	15.5991	6.11969	38.8894	-0.010625
1.4491	80.7888	100.775	818.772	875.355	15.648	6.11344	36.5733	-0.010938
1.4501	80.5153	100.775	820.427	889.072	15.754	6.11188	36.4253	-0.011583
1.4511	80.7888	100.775	822.14	864.838	15.8273	6.11219	36.2773	-0.009888
1.4521	80.7888	100.501	822.026	898.847	15.8844	6.10781	36.1786	-0.012813
1.4531	80.7888	100.09	830.82	922.066	15.8355	6.10344	36.1786	-0.009888
1.4541	80.5153	101.049	824.31	923.432	15.7703	6.10219	35.8851	-0.012813
1.4551	80.7888	101.597	807.52	907.589	15.7866	6.09889	34.5996	-0.01375

1.4581	80.8521	100.838	799.867	878.38	15.7821	8.09812	35.093	-0.011583
1.4571	80.7888	101.049	793.928	837.932	15.7377	8.10094	35.5885	-0.010938
1.4581	80.7888	100.838	787.304	801.328	15.7458	8.09887	35.3891	-0.010938
1.45911	80.5153	101.323	778.396	785.211	15.5379	8.09719	35.6358	-0.011875
1.46011	80.7888	101.049	778.851	819.368	15.0447	8.09812	35.9812	-0.010625
1.46111	80.7888	99.9528	797.128	833.561	14.9489	8.09856	38.2279	-0.010938
1.46211	80.8521	101.049	795.984	852.882	14.8082	8.09489	38.2773	-0.010938
1.46311	80.8521	101.323	787.418	864.975	14.5558	8.09219	38.7707	-0.011583
1.46411	80.7888	101.049	782.101	865.248	14.9306	8.09219	38.9188	-0.010313
1.46511	80.2419	101.46	799.867	863.083	14.9306	8.08781	37.2842	-0.010313
1.46611	80.7888	101.049	803.088	859.102	15.0061	8.05887	37.4615	-0.010625
1.46711	80.8521	101.188	805.807	858.009	15.2159	8.03594	38.2017	-0.011875
1.46811	80.7888	101.049	806.721	881.838	15.2893	8.01489	38.8458	-0.010625
1.46911	80.7888	100.912	812.203	919.335	15.3219	8.05719	38.7939	-0.009063
1.47011	79.8981	101.188	809.482	918.652	15.4442	8.09719	38.9419	-0.010313
1.47111	80.5153	100.838	791.187	908.954	15.3667	8.07887	38.9419	-0.009375
1.47211	80.5153	101.049	779.851	880.545	15.3015	8.07719	39.0408	-0.011875
1.47311	80.3786	101.049	775.853	841.21	15.379	8.07281	38.8432	-0.011583
1.47411	80.8521	101.188	769.257	804.059	15.3382	8.06969	38.8432	-0.011875
1.47511	80.5153	101.049	759.883	780.977	15.2893	8.06858	39.0408	-0.010313
1.47611	80.8521	101.049	757.284	810.069	15.2893	8.05989	39.0408	-0.010938
1.47711	80.8521	100.912	774.283	835.883	15.1752	8.05781	39.0408	-0.009063
1.47811	80.2419	101.323	774.283	897.755	15.11	8.05437	39.4353	-0.011875
1.47911	80.5153	101.188	779.308	954.573	15.0692	8.05375	40.8198	-0.010313
1.48011	80.8521	100.838	787.532	951.841	14.9143	8.05158	40.1282	-0.010938
1.48111	80.5153	100.501	777.938	948.651	14.792	8.04875	41.0837	-0.010313
1.48211	80.2419	101.049	770.858	940.778	14.8816	8.04489	41.7052	-0.011583
1.48311	81.0622	101.049	778.396	912.915	14.5352	8.04219	42.5441	-0.010625
1.48411	80.5153	99.9528	778.737	928.983	14.4211	8.04219	43.5803	-0.010313
1.48511	81.0622	101.049	779.308	988.533	14.2821	8.03989	44.4885	-0.010938
1.48611	81.0622	101.049	784.877	994.728	14.1847	8.03989	45.2087	-0.010313
1.48711	80.7888	101.049	788.343	998.962	14.2682	8.03408	46.8528	-0.011875
1.48811	80.2419	101.049	745.271	981.479	14.5148	8.02989	48.0989	-0.010313
1.48911	80.3786	100.501	739.448	948.924	14.9489	8.02989	48.541	-0.013125
1.49011	80.2419	100.775	741.845	908.789	14.9877	8.02688	47.4785	-0.01125
1.49111	80.5153	100.775	738.781	881.385	15.1915	8.02489	47.1331	-0.012813
1.49211	80.2419	100.838	736.134	910.047	15.3056	8.00437	47.5279	-0.01125
1.49311	80.7888	101.049	751.553	934.495	15.4584	5.97489	47.8759	-0.010313
1.49411	80.9255	101.049	750.089	958.895	15.6358	5.95281	47.5279	-0.011875
1.49511	80.7888	100.09	734.308	988.172	15.7091	5.97489	47.5772	-0.010625
1.49611	81.1989	100.912	736.847	995.547	15.701	8.02489	48.0213	-0.01125
1.49711	80.7888	100.838	751.211	995.001	15.7784	8.00489	48.12	-0.011583
1.49811	80.8521	101.049	754.837	996.387	15.8783	8.00989	48.5148	-0.012188
1.49911	80.5153	100.838	757.284	988.718	15.8518	8.00594	48.5148	-0.009063
1.50011	80.1052	100.775	756.807	995.274	15.811	8.00219	48.7615	-0.012813
1.50111	80.7888	101.049	756.807	1049.5	15.7458	8.00219	48.7121	-0.010625
1.50211	80.9255	101.049	762.747	1057.58	15.8888	5.99989	48.7121	-0.011583
1.50311	81.0622	100.775	752.353	1061.93	15.5481	5.99489	48.5148	-0.010313
1.50411	80.2419	101.049	743.215	1041.58	15.2363	5.98989	48.8135	-0.01125
1.50511	80.8521	100.912	742.302	1004.58	14.8328	5.98562	48.5148	-0.010313
1.50611	80.5153	100.775	736.382	982.904	14.9143	5.98312	48.8108	-0.010313
1.50711	80.7888	100.775	728.71	929.715	14.5838	5.98408	49.0082	-0.011583

1.50811	80.8521	100.775	728.311	949.383	14.7981	5.98582	49.3043	-0.012813
1.50911	80.2419	100.912	737.505	976.201	14.8002	5.98406	49.8003	-0.010938
1.51011	80.9255	100.775	739.332	1000.19	14.8854	5.97844	49.8003	-0.0075
1.51111	80.8521	100.501	728.788	1032.83	14.951	5.97781	49.689	-0.0125
1.51211	80.8521	101.049	730.88	1041.44	14.9632	5.97887	50.2912	-0.01125
1.51311	80.7888	100.775	739.56	1042.94	14.9754	5.97469	49.8471	-0.013438
1.51411	80.5153	100.638	740.588	1045.95	14.9795	5.97887	50.2912	-0.013125
1.51511	79.9685	101.049	741.616	1040.07	14.9225	5.97437	50.6366	-0.011563
1.51611	80.5153	100.775	744.586	1037.61	14.8002	5.98969	50.8833	-0.011563
1.51711	80.5153	100.912	745.386	1091.43	14.7653	5.98969	51.2287	-0.011563
1.51811	80.2419	100.912	753.952	1109.87	14.7288	5.98344	51.2287	-0.011563
1.51911	80.2419	101.323	760.868	1113.83	14.8616	5.93594	51.3274	-0.010313
1.52011	80.8521	101.049	739.104	1100.99	14.5719	5.90969	51.4754	-0.009888
1.52111	80.7888	100.775	737.733	1088.02	14.523	5.88906	51.5248	-0.008438
1.52211	80.9255	101.049	732.936	1023.41	14.4415	5.93469	51.6728	-0.012813
1.52311	80.2419	101.049	726.788	989.811	14.3355	5.98406	51.6702	-0.012813
1.52411	80.7888	100.775	724.712	989.674	14.2458	5.95219	52.6104	-0.013438
1.52511	80.7888	101.049	730.423	1028.6	14.0787	5.95313	52.6571	-0.010625
1.52611	80.5153	101.48	736.134	1047.04	13.9524	5.95062	52.9558	-0.010938
1.52711	80.2419	101.049	724.941	1082.14	13.8627	5.94688	52.8571	-0.010313
1.52811	80.7888	101.323	724.255	1084.43	13.7771	5.94719	53.0545	-0.010938
1.52911	80.8521	101.049	733.85	1095.84	13.7078	5.94219	53.2518	-0.010625
1.53011	80.7888	101.049	736.591	1101.54	13.6018	5.93969	53.5478	-0.011563
1.53111	80.7888	100.912	737.505	1096.21	13.4306	5.93969	53.7453	-0.012188
1.53211	80.7888	101.049	741.616	1086.24	13.3206	5.93856	54.2861	-0.010313
1.53311	81.0622	101.049	740.931	1122.57	13.4143	5.93844	53.992	-0.011563
1.53411	80.8521	100.775	746.414	1159.88	13.8708	5.94219	54.8309	-0.011875
1.53511	80.8521	101.049	751.553	1165.73	14.0624	5.93969	53.992	-0.010938
1.53611	81.1989	101.049	742.302	1164.09	14.1725	5.93825	53.844	-0.010938
1.53711	80.5153	101.186	740.36	1130.22	14.1806	5.93719	53.6466	-0.010625
1.53811	80.5153	100.775	736.933	1083.23	14.3681	5.93594	53.3899	-0.011563
1.53911	79.6951	100.912	730.68	1041.44	14.4415	5.93375	53.4492	-0.010313
1.54011	80.5153	100.775	727.225	1009.07	14.4619	5.93344	53.1038	-0.010938
1.54111	80.7888	100.09	728.024	1036.52	14.6697	5.93563	52.561	-0.012813
1.54211	80.5153	100.912	737.847	1034.61	14.629	5.93156	52.3143	-0.010625
1.54311	80.7888	100.501	730.88	985.274	14.8572	5.93156	51.4754	-0.009083
1.54411	80.8521	100.775	713.747	1010.43	14.7676	5.92844	50.834	-0.012813
1.54511	80.8521	100.501	730.851	985.577	14.7187	5.91937	50.4886	-0.011875
1.54611	80.5153	100.638	739.903	984.075	14.7146	5.89469	50.3899	-0.012813
1.54711	80.8521	101.049	736.705	996.825	14.6453	5.87031	49.8471	-0.010313
1.54811	80.2419	101.049	745.157	1009.48	14.829	5.84969	49.8003	-0.012813
1.54911	80.5153	100.775	754.18	1032.97	14.5312	5.86406	48.9095	-0.011563
1.55011	80.1062	101.049	755.551	1170.1	14.4089	5.82344	48.9095	-0.010313
1.55111	80.5153	100.775	780.108	1217.9	13.9788	5.90906	48.5148	-0.012813
1.55211	80.5153	100.775	777.938	1189.22	13.7883	5.90844	48.12	-0.01125
1.55311	80.2419	101.049	752.81	1153.16	13.7852	5.89969	48.3667	-0.010313
1.55411	80.5153	100.775	749.497	1089.38	13.5937	5.89844	48.4654	-0.010313
1.55511	80.8521	100.227	750.862	1035.16	13.9116	5.89719	48.6135	-0.012188
1.55611	80.5153	100.775	740.617	1021.77	13.9401	5.89406	49.7977	-0.011563
1.55711	81.3358	100.638	736.591	1022.32	14.0013	5.89437	49.8471	-0.012188
1.55811	80.7888	101.049	744.815	1080.83	14.4659	5.89344	50.4392	-0.010625
1.55911	80.8521	101.049	745.857	1083.78	14.1154	5.88556	50.3899	-0.011563

1.56011	80.2419	101.049	733.507	1117.65	14.038	5.88489	50.5872	-0.012188
1.56111	80.7888	101.049	736.819	1124.62	14.307	5.88719	50.4888	-0.011876
1.56211	80.5153	100.775	754.18	1125.3	14.0748	5.88408	50.5872	-0.009688
1.56311	80.7888	100.775	758.977	1131.31	14.1317	5.88219	50.6859	-0.011563
1.56411	80.5153	101.188	780.12	1122.3	14.1928	5.88219	51.0807	-0.01126
1.56511	80.7888	101.323	786.744	1111.84	14.1113	5.88344	51.3768	-0.008438
1.56611	80.5153	101.049	786.802	1128.58	14.1235	5.87989	51.6728	-0.010938
1.56711	81.0822	101.597	787.888	1182.84	14.0828	5.88281	52.0678	-0.009063
1.56811	80.7888	101.049	774.74	1192.77	14.042	5.88084	52.285	-0.010313
1.56911	80.8521	100.775	772.684	1200.83	14.0257	5.87908	51.9889	-0.011563
1.57011	80.2419	100.912	773.712	1177.47	13.8972	5.87781	52.2156	-0.011563
1.57111	80.1052	100.384	771.541	1133.5	13.8887	5.87531	52.1189	-0.011563
1.57211	80.5153	100.775	782.881	1098.8	13.9401	5.87875	52.561	-0.011563
1.57311	80.2419	100.501	757.378	1085.75	13.8219	5.87631	52.8671	-0.01125
1.57411	80.2419	101.323	758.406	1088.48	13.7322	5.85719	53.1038	-0.011563
1.57511	80.8521	101.049	764.232	1109.18	13.8589	5.83437	53.5479	-0.010825
1.57611	80.2419	100.912	770.856	1128.71	13.81	5.81281	53.5973	-0.010313
1.57711	80.2419	101.049	768.744	1168.17	13.5284	5.80858	53.4492	-0.013438
1.57811	80.2419	100.775	770.828	1164.77	13.3002	5.88084	54.0414	-0.010313
1.57911	80.8521	100.912	775.653	1183.27	13.3124	5.87219	53.5973	-0.010825
1.58011	80.9255	101.049	777.252	1185.59	13.4308	5.87582	53.8488	-0.010313
1.58111	80.5153	100.775	782.736	1159.45	13.5898	5.87158	53.9427	-0.011875
1.58211	80.2419	100.775	788.217	1149.34	13.7078	5.86989	53.8933	-0.009376
1.58311	80.2419	101.48	788.903	1170.37	13.8219	5.88594	54.2387	-0.010938
1.58411	80.8521	101.48	781.844	1220.36	13.9157	5.88489	54.1894	-0.010825
1.58511	81.0822	101.48	785.756	1229.38	14.0502	5.88719	54.2881	-0.010313
1.58611	80.5153	100.912	790.273	1235.39	14.1154	5.88344	54.0414	-0.010313
1.58711	80.8521	100.912	789.359	1207.25	14.2051	5.85908	53.7453	-0.010825
1.58811	81.0822	101.049	788.818	1183.82	14.3437	5.85825	53.8488	-0.010825
1.58911	80.1052	101.049	785.704	1129.53	14.3314	5.86781	53.9427	-0.011875
1.59011	80.1052	101.323	783.42	1098.35	14.3783	5.85908	54.6336	-0.012813
1.59111	80.8521	100.775	784.334	1100.72	14.4819	5.85844	54.8309	-0.01125
1.59211	80.5153	100.912	790.159	1140.32	14.4741	5.85889	55.0283	-0.010938
1.59311	80.2419	100.912	795.299	1158.76	14.3844	5.86594	54.8309	-0.010938
1.59411	80.8521	100.775	790.958	1187.72	14.4374	5.83658	54.8829	-0.010825
1.59511	80.2419	100.912	793.928	1193.45	14.3783	5.86719	54.5842	-0.010938
1.59611	80.2419	100.838	799.753	1194.14	14.3029	5.85875	54.5842	-0.011563
1.59711	80.5153	100.775	801.238	1195.78	14.2285	5.85858	55.0778	-0.011563
1.59812	79.9885	101.48	805.807	1189.49	14.2621	5.85844	55.0778	-0.010938
1.59912	80.8521	100.775	809.348	1179.93	14.0991	5.85989	55.423	-0.014375
1.60012	80.2419	100.775	807.634	1196.05	14.042	5.85989	55.7884	-0.011563
1.60112	80.5153	100.775	809.348	1249.59	13.8219	5.85781	55.7191	-0.011875
1.60212	80.8521	100.912	815.401	1258.6	13.5284	5.83989	55.5711	-0.01125
1.60312	80.8521	100.775	810.947	1288.85	13.5898	5.81908	55.423	-0.010313
1.60412	79.9885	101.323	809.919	1242.49	13.5529	5.79582	55.3737	-0.010938
1.60512	80.5153	101.049	808.32	1201.79	13.8219	5.79187	55.2258	-0.010938
1.60612	80.2419	100.501	804.893	1184.84	13.8058	5.88719	55.7191	-0.01125
1.60712	80.5153	100.775	801.352	1126.39	13.8871	5.85594	55.6204	-0.010313
1.60812	80.7888	101.049	800.781	1112.73	14.1399	5.88084	55.8871	-0.012188
1.60912	81.1989	101.188	805.122	1145.51	14.0865	5.88082	55.6204	-0.011563
1.61012	80.2419	101.049	811.975	1155.89	13.8809	5.85908	55.0283	-0.012813
1.61112	80.5153	100.775	810.378	1163	14.2091	5.85812	54.5348	-0.01125

1.81212	79.9885	101.597	809.462	1100.68	14.1806	5.85719	54.5348	-0.009888
1.81312	80.2419	101.049	802.36	1069.24	14.042	5.85489	53.4986	-0.010313
1.81412	79.9885	100.775	812.66	1068.69	14.1989	5.85408	53.3505	-0.011875
1.81512	80.2419	100.227	821.797	1063.02	14.2744	5.85281	53.3999	-0.010938
1.81612	80.2419	100.912	820.864	1073.67	14.0298	5.85344	53.8468	-0.010838
1.81712	80.5153	100.775	826.366	1097.3	13.9524	5.84781	53.5479	-0.0125
1.81812	80.2419	100.775	832.878	1162.45	14.0628	5.84844	53.5479	-0.011563
1.81912	80.7888	100.912	840.072	1275.27	13.9786	5.85408	53.2519	-0.010938
1.82012	81.0622	100.912	855.149	1328.53	13.6752	5.84844	52.7584	-0.012813
1.82112	79.8318	101.049	849.324	1278.27	13.7404	5.84719	52.4623	-0.0125
1.82212	80.5153	100.775	825.909	1234.02	13.7119	5.84594	52.8571	-0.012813
1.82312	80.2419	100.227	825.224	1167.78	13.4632	5.84844	53.4492	-0.010938
1.82412	81.0622	101.049	828.422	1122.18	13.2757	5.84687	53.9427	-0.012188
1.82512	80.5153	100.775	818.142	1122.43	13.1897	5.85031	54.8309	-0.010938
1.82612	80.2419	100.775	818.599	1165.05	13.1371	5.84812	55.5217	-0.012188
1.82712	80.7888	101.049	829.336	1177.75	13.0108	5.84719	55.9165	-0.012188
1.82812	80.6521	101.049	818.599	1207.25	13.0842	5.84687	56.0645	-0.01125
1.82912	80.5153	101.049	809.462	1227.6	13.3409	5.84656	56.2125	-0.012188
1.83012	80.5153	100.601	823.625	1223.09	13.3185	5.82908	56.2125	-0.01125
1.83112	80.6521	100.227	836.303	1227.46	13.4102	5.80156	56.4099	-0.01125
1.83212	80.7888	100.775	837.102	1228.56	13.4958	5.78312	56.3606	-0.012813
1.83312	80.7888	101.049	838.587	1215.89	13.4755	5.77844	57.0021	-0.012188
1.83412	80.5153	101.049	841.214	1208.89	13.6344	5.84719	57.8903	-0.010313
1.83512	80.7888	100.912	838.245	1255.8	13.8915	5.84694	57.3968	-0.011563
1.83612	80.7888	100.912	843.958	1284.83	13.8263	5.84719	57.4462	-0.010625
1.83712	80.7888	100.912	847.382	1296.3	13.773	5.84469	57.0021	-0.010313
1.83812	80.5153	100.227	846.24	1296.3	13.8749	5.84219	57.1007	-0.011563
1.83912	80.6521	101.323	845.783	1259.56	13.8915	5.83906	57.1501	-0.010313
1.84012	80.5153	100.912	840.301	1220.09	13.7404	5.83781	57.1994	-0.011563
1.84112	80.3788	100.912	829.584	1169.36	13.7889	5.83531	57.6929	-0.012188
1.84212	80.2419	100.912	828.823	1158.99	13.7526	5.83489	57.9689	-0.011563
1.84312	80.5153	100.638	827.737	1180.75	13.8507	5.83312	58.0676	-0.013438
1.84412	80.5153	101.46	834.133	1213.53	13.8222	5.83406	58.4331	-0.012813
1.84512	80.5153	100.838	837.102	1233.47	13.5837	5.83281	58.5317	-0.012188
1.84612	79.9885	101.323	833.904	1258.42	13.5284	5.83406	58.0876	-0.012813
1.84712	80.3788	101.323	838.473	1256.15	13.3854	5.83781	57.9689	-0.010313
1.84812	80.2419	101.46	840.301	1256.97	13.2187	5.82969	57.9396	-0.012813
1.84912	80.5153	100.912	842.357	1258.08	13.2553	5.83344	58.285	-0.011563
1.85012	80.7888	101.049	847.839	1250.68	13.1127	5.83531	58.4331	-0.012813
1.85112	81.3356	101.323	850.352	1244.26	12.9333	5.83531	58.8772	-0.010938
1.85212	80.5153	100.775	848.524	1260.52	12.7948	5.83687	59.1732	-0.012188
1.85312	81.3356	101.323	848.981	1311.8	12.5502	5.83969	58.9265	-0.011875
1.85412	80.6521	101.049	853.207	1318.43	12.379	5.83856	58.137	-0.011875
1.85512	80.7888	101.049	849.21	1328.53	12.4442	5.83594	58.285	-0.012813
1.85612	81.3356	101.049	847.496	1302.72	12.5824	5.83844	58.6798	-0.010625
1.85712	80.7888	100.912	846.24	1261.34	12.6847	5.83437	58.1863	-0.011875
1.85812	80.5153	101.186	841.9	1228.1	12.807	5.82594	58.4824	-0.010625
1.85912	81.0622	101.049	838.13	1186.46	12.7295	5.79719	58.8772	-0.011563
1.86012	79.9885	101.186	838.473	1187.69	12.8518	5.77969	59.2719	-0.010313
1.86112	80.1052	101.323	840.986	1230.2	12.9945	5.76469	59.4893	-0.010313
1.86212	80.7888	100.384	847.382	1246.72	12.9048	5.82594	59.568	-0.01125
1.86312	80.7888	101.049	843.958	1275.4	12.8886	5.83562	59.1239	-0.011563

1.88412	81.3356	101.049	844.841	1284.28	13.0615	5.82844	58.7291	-0.008375
1.88512	80.8521	100.912	849.095	1281.96	12.9741	5.82719	58.5811	-0.014083
1.88612	80.8521	101.049	849.21	1286.74	12.9293	5.82781	59.4199	-0.010938
1.88712	81.3356	101.049	852.408	1283.19	12.8844	5.82906	59.9627	-0.011563
1.88812	80.2419	101.188	854.464	1274.45	12.8763	5.82989	59.9627	-0.010825
1.88912	80.5153	100.501	852.885	1272.67	13.0352	5.82989	60.8509	-0.011875
1.87012	80.7888	100.912	851.286	1320.75	12.8569	5.82937	60.8018	-0.011583
1.87112	80.2419	100.912	855.834	1348.02	12.5885	5.82719	60.7523	-0.009888
1.87212	80.7888	100.775	858.063	1358.31	12.8783	5.83084	60.3675	-0.010838
1.87312	80.7888	100.912	850.923	1352.57	12.7784	5.83158	60.4088	-0.012813
1.87412	80.8521	100.912	849.21	1314.88	12.3058	5.82813	60.3675	-0.01125
1.87512	80.7888	100.384	848.611	1276.83	12.4788	5.82989	60.5549	-0.013438
1.87612	80.8521	100.775	840.986	1238.12	12.5502	5.82719	60.1108	-0.013438
1.87712	80.8521	101.587	838.702	1200.68	12.1548	5.83158	60.7029	-0.01375
1.87812	80.2419	101.587	839.387	1212.44	12.2404	5.83219	61.147	-0.012188
1.87912	81.3356	101.188	844.412	1235.39	12.5176	5.83489	60.3575	-0.010825
1.88012	80.8521	100.775	848.524	1231.7	12.5176	5.83719	59.4893	-0.012188
1.88112	80.7888	100.227	842.357	1178.57	12.5502	5.83489	58.7291	-0.012188
1.88212	81.0822	101.049	835.047	1167.64	12.8236	5.83344	57.8409	-0.011583
1.88312	80.5153	101.049	846.897	1140.6	12.7848	5.82989	57.2981	-0.010825
1.88412	80.2419	101.188	852.979	1137.87	12.9904	5.83312	57.1007	-0.011875
1.88512	80.7888	100.912	851.037	1155.62	12.7214	5.82844	57.2981	-0.009063
1.88612	80.9255	100.775	857.433	1188.73	12.8881	5.81158	57.1501	-0.011875
1.88712	80.7888	100.775	859.147	1198.92	13.2268	5.78582	58.6073	-0.014083
1.88812	80.5153	100.912	859.147	1334.27	13.0026	5.76719	58.6688	-0.012813
1.88912	81.0822	100.775	881.191	1399.58	12.9829	5.74719	58.4099	-0.011583
1.89012	80.5153	101.049	877.992	1375.38	13.2835	5.78584	55.8178	-0.013438
1.89112	80.7888	100.501	854.235	1337.82	13.0393	5.83219	55.9858	-0.011583
1.89212	80.5153	100.912	851.037	1288.98	12.8578	5.81219	55.8178	-0.011583
1.89312	80.7888	101.323	854.235	1219.82	13.1897	5.81687	58.8588	-0.009888
1.89412	80.8521	101.049	845.098	1211.82	13.129	5.81719	57.5448	-0.010313
1.89512	80.8521	101.049	841.443	1202.88	13.0393	5.81719	58.3344	-0.01125
1.89612	80.7888	101.049	844.412	1238.07	13.0719	5.81531	58.8758	-0.010938
1.89712	80.9255	100.775	844.184	1259.29	13.0149	5.815	59.1732	-0.011583
1.89812	81.0822	100.775	835.047	1287.01	12.9374	5.81469	59.3708	-0.009375
1.89912	80.3786	101.049	838.587	1296.98	12.8274	5.81281	58.9758	-0.013125
1.70012	81.3356	101.049	854.121	1296.3	12.8028	5.81219	59.6867	-0.011583
1.70112	81.1989	101.049	858.976	1302.86	12.7214	5.81219	59.5186	-0.009063
1.70212	80.9255	101.323	858.177	1298.98	12.5502	5.81625	59.7654	-0.010313
1.70312	81.0822	101.188	859.489	1289.2	12.379	5.81281	60.3082	-0.010313
1.70412	80.5153	101.049	868.575	1284.89	12.4118	5.81281	60.7523	-0.011875
1.70512	80.9255	101.049	865.492	1312.01	12.3138	5.81406	61.295	-0.011875
1.70612	80.9255	100.912	859.291	1358.72	11.7717	5.81219	61.147	-0.010938
1.70712	80.8521	100.775	888.798	1389.37	12.0448	5.81281	60.989	-0.01125
1.70812	80.8521	100.912	882.459	1373.88	12.0814	5.81219	61.0977	-0.012188
1.70912	80.7888	101.48	857.205	1341.1	11.8899	5.81158	60.9496	-0.011583
1.71012	80.7888	100.912	850.123	1303.27	11.9795	5.81219	60.9496	-0.010938
1.71112	80.7888	101.049	844.07	1273.83	12.1426	5.81687	62.0352	-0.01125
1.71212	80.9255	101.48	841.785	1240.99	12.3179	5.81406	62.0352	-0.010313
1.71312	80.7888	101.323	841.1	1238.94	12.0386	5.81469	62.2619	-0.012813
1.71412	80.7888	100.775	843.727	1280.46	12.1874	5.81187	62.3313	-0.010313
1.71512	80.7888	101.323	848.668	1294.84	12.4483	5.79406	62.3313	-0.011875

1.71612	80.7888	101.46	845.098	1321.71	12.0692	5.77125	62.0848	-0.011875
1.71712	81.0622	100.775	848.011	1327.72	12.1069	5.74876	61.8378	-0.010625
1.71812	80.2419	101.049	850.352	1325.8	12.3871	5.74281	61.9385	-0.01125
1.71912	80.7888	100.638	852.065	1328.53	12.1752	5.81876	61.9385	-0.010313
1.72012	80.8521	100.912	856.291	1324.18	12.0774	5.81408	62.3313	-0.007813
1.72112	81.0622	100.775	855.149	1315.42	12.3138	5.81344	62.8234	-0.011563
1.72212	81.0622	100.364	853.321	1311.8	12.1548	5.81158	63.4169	-0.010938
1.72312	80.7888	101.049	848.324	1352.03	11.9673	5.81344	63.3676	-0.0125
1.72412	80.9255	100.912	852.75	1385.06	12.1222	5.81344	63.1208	-0.010838
1.72512	81.1989	100.775	854.92	1396.55	12.11	5.81187	62.726	-0.011663
1.72612	80.2419	101.049	850.352	1395.19	11.8858	5.80937	62.8273	-0.013125
1.72712	81.3356	101.049	849.688	1358.04	11.9306	5.80656	62.8247	-0.012188
1.72812	81.0622	100.912	847.839	1321.43	11.8002	5.80219	62.726	-0.012813
1.72912	80.7888	101.323	843.727	1293.02	11.6857	5.80584	63.5158	-0.011875
1.73012	81.0622	101.049	842.242	1257.24	11.8127	5.80406	64.1077	-0.011583
1.73112	81.0622	101.049	843.727	1267.89	11.4904	5.80437	64.5024	-0.010313
1.73212	81.0622	101.049	845.783	1306.14	11.4333	5.80687	64.5024	-0.013125
1.73312	80.9255	100.364	849.21	1322.25	11.5882	5.80219	64.9959	-0.012188
1.73412	80.3788	100.775	845.098	1346.56	11.8942	5.80582	64.157	-0.009063
1.73512	81.1989	100.227	847.839	1350.25	11.7472	5.80813	64.2064	-0.010313
1.73613	80.7888	100.912	849.324	1348.7	11.8654	5.80584	64.3051	-0.009063
1.73713	81.1989	100.775	850.352	1350.25	11.9673	5.80584	64.8988	-0.010313
1.73813	81.0622	100.912	853.321	1345.08	12.0386	5.80656	65.1833	-0.011875
1.73913	80.5153	101.186	853.093	1338.48	12.1018	5.80682	65.588	-0.011563
1.74013	81.0622	101.049	851.951	1335.09	12.218	5.80813	66.0321	-0.011875
1.74113	80.7888	100.364	850.123	1382.35	12.2404	5.81312	65.7854	-0.012813
1.74213	80.7888	100.912	854.692	1408.03	12.3138	5.81594	65.8348	-0.009063
1.74313	81.3356	100.912	854.007	1420.88	12.3871	5.81094	65.4893	-0.012188
1.74413	81.0622	101.587	849.895	1412.12	12.4524	5.78875	65.3907	-0.0125
1.74513	81.0622	100.775	848.753	1386.78	12.4279	5.76583	65.44	-0.010313
1.74613	80.9255	100.912	846.24	1327.99	12.485	5.74989	65.3413	-0.012188
1.74713	81.0622	101.049	842.813	1287.7	12.5339	5.75469	65.1933	-0.012813
1.74813	81.3356	100.912	842.128	1247.13	12.5094	5.82469	65.1439	-0.012813
1.74913	81.1989	101.049	841.871	1248.86	12.5746	5.80719	64.8972	-0.01375
1.75013	80.7888	101.049	844.527	1204.52	12.5054	5.81187	64.2084	-0.0125
1.75113	81.1989	100.912	838.473	1198.78	12.542	5.80844	63.5158	-0.010938
1.75213	81.0622	100.501	838.702	1199.8	12.5013	5.80813	62.8741	-0.010313
1.75313	81.3356	101.049	850.123	1188.67	12.4605	5.80656	62.4793	-0.009063
1.75413	80.7888	100.638	847.839	1208.07	12.4198	5.80406	62.2819	-0.011563
1.75513	80.9255	100.912	850.58	1230.47	12.3953	5.80156	62.9234	-0.012188
1.75613	81.4724	100.775	857.89	1247.4	12.3179	5.79719	62.578	-0.010313
1.75713	81.0622	100.775	856.976	1323.75	12.2567	5.79906	62.4793	-0.011875
1.75813	81.0622	100.775	866.456	1408.03	12.2078	5.79344	62.1336	-0.010938
1.75913	81.0622	101.587	871.596	1426.74	11.7961	5.79312	61.8872	-0.011583
1.76013	80.7888	101.049	858.575	1423.05	11.4863	5.79656	61.5911	-0.010313
1.76113	81.1989	100.775	854.235	1380.88	11.8045	5.79719	61.5418	-0.012813
1.76213	81.0622	100.227	851.037	1341.65	11.4863	5.79281	61.9385	-0.010313
1.76313	81.4724	100.775	847.154	1318.15	11.4211	5.79489	62.6787	-0.011583
1.76413	80.7888	101.186	842.357	1303.13	11.6453	5.79344	63.4169	-0.00875
1.76513	80.9255	101.323	838.93	1274.99	11.7268	5.79281	64.009	-0.012813
1.76613	80.5153	101.049	835.389	1258.6	11.6045	5.79469	64.9959	-0.011583
1.76713	80.5153	100.912	828.308	1284.83	11.6412	5.79781	65.6374	-0.010313

1.76813	81.0622	101.049	832.782	1312.42	11.8738	5.80219	65.292	-0.010313
1.76913	80.9255	100.775	839.044	1332.91	11.8002	5.79838	64.8972	-0.011563
1.77013	80.9255	100.775	839.815	1351.48	11.8532	5.79808	64.5024	-0.011563
1.77113	81.1989	100.912	842.813	1347.88	11.8654	5.79844	64.8505	-0.010938
1.77213	81.0622	100.775	844.641	1343.58	11.792	5.79375	64.4531	-0.011875
1.77313	80.7888	100.912	844.889	1351.21	11.8654	5.77094	65.0948	-0.010938
1.77413	81.0622	100.912	846.488	1344.24	11.9632	5.76187	65.6374	-0.011875
1.77513	81.0622	100.501	848.524	1340.98	11.9062	5.73281	66.1802	-0.009688
1.77613	81.3356	101.049	847.839	1343.29	11.735	5.75408	66.0815	-0.010625
1.77713	81.3356	101.049	848.296	1389.72	11.7472	5.80869	66.871	-0.011875
1.77813	80.9255	101.46	851.037	1409.39	11.8939	5.79344	66.0321	-0.010938
1.77913	81.1989	101.46	848.011	1420.59	11.7227	5.79844	65.4893	-0.010938
1.78013	80.6521	100.912	838.702	1409.68	11.8453	5.79219	65.5367	-0.01125
1.78113	80.7888	101.049	836.531	1372.24	11.735	5.78869	65.6867	-0.01125
1.78213	80.9255	101.049	832.782	1342.33	11.6453	5.79094	65.588	-0.012188
1.78313	81.1989	100.501	831.048	1308.87	11.4904	5.78889	66.1802	-0.011563
1.78413	80.3786	101.049	831.183	1274.04	11.4883	5.78889	66.5256	-0.010625
1.78513	81.0622	100.227	828.993	1292.75	11.3763	5.78889	66.8738	-0.010313
1.78613	81.0622	100.775	833.105	1324.71	11.254	5.78083	66.4782	-0.008125
1.78713	80.2418	101.049	832.534	1342.47	11.2295	5.78531	66.0321	-0.012188
1.78813	81.1989	101.049	830.478	1365.14	11.1317	5.78719	65.8641	-0.010938
1.78913	81.1989	100.912	834.018	1362	10.9931	5.78889	65.8348	-0.010825
1.79013	81.0622	100.775	835.275	1358.88	10.9483	5.78875	65.588	-0.012188
1.79113	81.0622	100.501	834.818	1382.27	10.9887	5.78869	65.6867	-0.010938
1.79213	81.1989	101.049	835.98	1355.85	11.2888	5.79094	66.0815	-0.012813
1.79313	81.0622	101.049	835.047	1349.57	11.3722	5.78187	66.4782	-0.011563
1.79413	81.6091	100.912	833.676	1348.48	11.36	5.78781	66.8243	-0.010313
1.79513	81.4724	101.049	832.077	1385.48	11.4578	5.78158	66.3775	-0.011875
1.79613	81.6091	100.775	837.331	1418.88	11.5984	5.78408	66.2295	-0.012188
1.79713	81.1989	100.384	838.83	1430.58	11.6045	5.79375	65.8867	-0.01
1.79813	81.3356	101.049	830.384	1420.18	11.6494	5.78869	65.4893	-0.012813
1.79913	80.9255	100.912	828.85	1382.07	11.6901	5.78869	65.8641	-0.011563
1.80013	81.1989	101.46	825.909	1350.39	11.7187	5.78844	65.8348	-0.01125
1.80113	81.7458	100.912	822.14	1318.02	11.7268	5.77844	66.7723	-0.010313
1.80213	81.1989	101.049	820.988	1284.83	11.7961	5.76869	66.871	-0.011875
1.80313	81.3356	100.384	818.485	1301.9	11.7961	5.73531	67.1871	-0.010938
1.80413	80.7888	101.186	818.588	1334.54	11.8002	5.71489	67.3644	-0.012188
1.80513	81.3356	101.049	817.885	1352.57	11.8185	5.72844	67.2184	-0.010938
1.80613	81.6091	101.049	813.802	1375.52	11.8854	5.80281	68.871	-0.011563
1.80713	80.9255	100.838	816.772	1372.79	11.8083	5.78344	68.7723	-0.011563
1.80813	80.9255	100.912	819.389	1371.58	11.8083	5.78719	68.5749	-0.00875
1.80913	80.9255	100.912	818.142	1374.97	11.8491	5.78469	67.019	-0.012813
1.81013	81.1989	101.049	818.588	1368.65	11.7798	5.78875	67.4631	-0.013125
1.81113	81.1989	101.049	818.588	1363.09	11.7187	5.78094	67.8588	-0.012813
1.81213	81.3356	100.775	816.772	1361.86	11.7309	5.78719	67.9586	-0.012188
1.81313	81.4724	100.227	815.858	1403.93	11.8698	5.79094	68.2033	-0.010825
1.81413	81.0622	100.638	822.597	1424.42	11.8127	5.78875	67.3644	-0.011875
1.81513	81.1989	101.049	824.985	1422.37	11.4374	5.78719	67.019	-0.011563
1.81613	81.3356	100.775	816.201	1401.08	11.0178	5.78844	68.1802	-0.010313
1.81713	81.0622	101.049	813.802	1353.39	11.0624	5.78889	65.588	-0.011875
1.81813	81.3356	101.46	810.804	1310.82	11.0298	5.78781	65.3413	-0.011563
1.81913	81.1989	101.734	808.32	1240.85	10.7853	5.78858	65.292	-0.010938

1.82013	81.3356	100.501	800.324	1193.05	10.7893	5.78906	65.1933	-0.01125
1.82113	80.9255	100.775	799.887	1185.67	10.8524	5.78658	65.3907	-0.011583
1.82213	82.0193	100.775	805.578	1199.6	10.9872	5.78844	65.0846	-0.011875
1.82313	80.7888	100.912	801.809	1216.87	10.9442	5.78489	64.5024	-0.010313
1.82413	81.3356	100.912	799.639	1242.78	10.9361	5.78989	64.5024	-0.010998
1.82513	81.4724	101.188	804.438	1258.15	11.1317	5.78584	63.9597	-0.010625
1.82613	81.4724	100.775	807.834	1317.81	11.1888	5.78658	63.8836	-0.010625
1.82713	81.8091	101.188	814.487	1407.21	10.985	5.78344	63.5158	-0.011875
1.82813	81.8828	100.775	830.135	1402.84	11.091	5.78844	63.8836	-0.010938
1.82913	81.3356	101.049	818.598	1380.18	11.0991	5.78531	64.2084	-0.010938
1.83013	81.3356	100.384	809.482	1348.75	11.0178	5.78219	64.8011	-0.011583
1.83113	81.3356	100.501	809.919	1350.25	11.0339	5.78344	64.5024	-0.0125
1.83213	80.8521	101.049	809.804	1382.89	11.0502	5.73989	64.8998	-0.011875
1.83313	81.3356	100.775	808.434	1402.02	11.0013	5.72158	65.3907	-0.012813
1.83413	81.4724	100.775	805.238	1402.29	10.985	5.70658	65.2428	-0.010313
1.83513	81.3356	100.912	802.809	1379.21	10.9198	5.77781	65.5387	-0.009888
1.83613	81.3356	101.049	791.872	1358.31	10.8749	5.78344	65.7361	-0.009375
1.83713	81.4724	100.775	784.582	1325.8	10.8827	5.77844	66.1308	-0.010938
1.83813	81.3356	101.049	788.161	1283.57	10.789	5.77989	66.5749	-0.012813
1.83913	82.1581	101.049	790.159	1296.85	10.7037	5.77989	66.6243	-0.011583
1.84013	81.0822	100.912	792.558	1327.17	10.8507	5.77906	67.1671	-0.011583
1.84113	81.8091	100.775	794.813	1343.15	10.5855	5.77812	67.0884	-0.008438
1.84213	81.4724	101.049	791.844	1368.96	10.5386	5.77562	66.8218	-0.012813
1.84313	81.0822	100.775	791.187	1374.02	10.4551	5.77408	67.019	-0.013125
1.84413	81.3356	101.049	794.728	1374.7	10.4082	5.77344	66.871	-0.012188
1.84513	81.7458	100.912	798.441	1379.89	10.3328	5.77082	67.2858	-0.010938
1.84613	81.8091	101.049	799.182	1372.24	10.1881	5.77531	67.8085	-0.010313
1.84713	82.1581	101.049	800.781	1361.31	10.1005	5.78906	68.0059	-0.010938
1.84813	81.4724	100.775	798.098	1358.4	10.0842	5.77084	68.3513	-0.011875
1.84913	81.3356	101.049	791.53	1393	9.95781	5.77437	68.2528	-0.010938
1.85013	81.8828	101.049	798.04	1428.24	9.83553	5.77281	68.0059	-0.011875
1.85113	81.3356	100.912	804.893	1438.62	9.77439	5.77219	67.8805	-0.010825
1.85213	81.7458	100.912	792.9	1436.16	9.74588	5.78989	67.3151	-0.010825
1.85313	81.1989	101.049	788.903	1402.29	9.71325	5.78989	68.871	-0.011583
1.85413	81.8091	100.775	784.791	1370.08	9.7051	5.77082	67.019	-0.011583
1.85513	81.8091	100.912	780.338	1338.87	9.8089	5.78989	67.8579	-0.011583
1.85613	81.7458	100.775	778.385	1303.13	10.1484	5.77489	68.2528	-0.010938
1.85713	81.3356	101.049	776.567	1302.31	10.0475	5.77594	68.45	-0.011583
1.85813	80.7888	100.775	777.024	1339.73	10.1857	5.77094	68.3513	-0.012188
1.85913	82.0193	100.775	775.998	1354.62	10.2148	5.77219	68.0553	-0.013438
1.86013	81.1989	100.775	771.541	1378.8	10.2024	5.77281	67.4138	-0.010825
1.86113	81.8091	100.384	771.541	1380.98	10.2878	5.75584	67.1871	-0.011583
1.86213	81.8091	100.775	778.395	1378.8	10.2431	5.73158	67.0884	-0.010825
1.86313	81.1989	100.775	778.188	1382.07	10.2472	5.71219	67.4138	-0.010313
1.86413	82.0193	101.049	779.194	1378.11	10.2187	5.89937	67.3151	-0.013125
1.86513	81.3356	101.049	781.583	1370.08	10.235	5.78437	68.1046	-0.010825
1.86613	81.1989	100.775	780.222	1365.28	10.2024	5.78989	68.8448	-0.012188
1.86713	81.8091	100.775	778.395	1394.09	10.2309	5.78719	68.4007	-0.012188
1.86813	81.8091	101.323	784.791	1434.52	10.2268	5.77219	68.154	-0.00875
1.86913	82.0193	100.912	795.758	1443.54	10.1898	5.78937	67.9586	-0.010313
1.87013	81.3356	99.9528	785.704	1445.59	10.1881	5.78687	67.0884	-0.012188
1.87113	81.3356	100.775	779.537	1415.95	10.1372	5.78437	67.2184	-0.010313

1.87213	81.6091	101.48	774.825	1383.58	10.1249	5.75869	67.3151	-0.011563
1.87313	81.6091	101.049	769.143	1350.68	10.1372	5.75869	67.7099	-0.011563
1.87413	81.7458	100.501	768.402	1316.24	10.0516	5.75869	68.45	-0.011675
1.87514	81.6091	101.049	764.346	1305.59	9.92928	5.75875	68.2526	-0.01375
1.87614	81.7458	101.323	763.775	1345.33	9.9089	5.75812	68.8448	-0.013125
1.87714	81.8826	101.049	763.775	1361.31	9.84369	5.75969	69.1902	-0.009688
1.87814	81.6091	101.049	761.033	1385.63	9.807	5.76281	68.302	-0.010638
1.87914	81.7458	101.186	759.208	1391.09	9.74598	5.76489	68.0553	-0.010313
1.88014	81.4724	100.912	765.602	1387.54	9.40755	5.75888	67.8579	-0.01125
1.88114	81.6091	101.186	765.716	1390.82	9.37494	5.75594	67.9072	-0.011563
1.88214	81.6091	101.049	767.315	1386.99	9.33825	5.75856	68.154	-0.010938
1.88314	81.3356	100.638	769.029	1363.71	9.28896	5.76469	68.9436	-0.010626
1.88414	81.3356	100.601	768.8	1376.61	9.07331	5.76375	69.1902	-0.011875
1.88514	81.6091	100.364	764.917	1394.84	9.24043	5.76594	69.2396	-0.010313
1.88614	81.3356	100.775	769.714	1436.71	9.22006	5.76869	68.2626	-0.01375
1.88714	81.6091	100.775	765.248	1443.26	9.25268	5.76437	68.164	-0.010313
1.88814	81.7458	100.364	777.024	1397.37	9.29749	5.76406	68.0059	-0.011563
1.88914	81.7458	101.049	763.546	1352.3	9.3301	5.77281	68.8216	-0.011563
1.89014	81.3356	101.186	761.376	1307.5	9.34641	5.77219	68.4762	-0.012188
1.89114	81.4724	101.049	761.49	1284.34	9.38717	5.75969	68.5256	-0.011875
1.89214	81.8826	101.049	754.18	1243.85	9.44423	5.75719	68.2789	-0.01125
1.89314	81.8826	101.049	754.18	1222.96	9.38309	5.72094	68.2285	-0.012613
1.89414	81.3356	101.049	757.15	1253.96	9.38717	5.70219	65.6374	-0.011875
1.89514	81.6091	101.323	753.952	1316.52	9.41182	5.74937	65.1439	-0.01125
1.89614	81.6091	100.638	756.35	1410.82	9.32195	5.77531	65.0946	-0.010313
1.89714	81.6091	100.364	777.823	1407.75	9.28934	5.76281	64.157	-0.010938
1.89814	81.1989	100.912	770.057	1377.02	9.34233	5.78781	64.2064	-0.012188
1.89914	81.3356	100.775	758.977	1369.68	9.34841	5.76469	64.3051	-0.010626
1.90014	81.6091	100.364	765.259	1328.35	9.28119	5.76469	64.157	-0.011875
1.90114	82.1561	101.049	766.173	1338.1	9.25673	5.76469	64.6011	-0.010825
1.90214	81.6091	100.912	764.688	1353.39	9.24858	5.78187	64.9959	-0.010938
1.90314	81.7458	100.227	762.747	1367.19	9.22412	5.75969	65.2426	-0.010313
1.90414	81.6091	100.912	763.089	1422.91	9.22412	5.75969	65.0946	-0.010313
1.90514	81.0822	100.775	768.343	1435.34	9.16708	5.75719	64.6998	-0.010626
1.90614	81.0822	101.049	761.833	1433.43	9.15075	5.75562	64.157	-0.010313
1.90714	81.6091	100.775	756.35	1413.49	9.11816	5.75469	63.8118	-0.011563
1.90814	81.6091	101.323	758.863	1382.82	9.03255	5.75219	63.4682	-0.012613
1.90914	81.7458	100.775	756.008	1349.98	9.01624	5.75719	64.2064	-0.013125
1.91014	81.6091	101.049	753.495	1316.24	8.98771	5.75469	64.6998	-0.011875
1.91114	81.7458	100.501	751.439	1293.57	8.93085	5.75812	64.8479	-0.011563
1.91214	81.6091	100.912	750.525	1324.16	8.89804	5.75969	64.8479	-0.012188
1.91314	81.6091	101.186	751.896	1347.11	8.8368	5.75938	64.9465	-0.009375
1.91414	81.6091	99.9528	749.854	1367.87	8.80837	5.75719	64.6506	-0.010626
1.91514	81.4724	101.049	749.041	1380.71	8.74722	5.75844	64.3051	-0.011563
1.91614	81.4724	101.323	756.893	1378.61	8.70239	5.75906	63.8118	-0.010938
1.91714	81.7458	100.775	758.282	1376.81	8.61271	5.75969	63.7623	-0.010313
1.91814	81.8826	100.775	757.15	1378.8	8.56685	5.75969	63.8118	-0.010938
1.91914	81.4724	101.46	769.891	1369.51	8.53935	5.75969	63.9103	-0.007813
1.92014	81.8826	101.049	759.863	1363.5	8.49858	5.75969	64.3051	-0.012188
1.92114	81.6091	101.049	758.292	1367.19	8.43337	5.75187	64.4531	-0.0125
1.92214	81.7458	100.775	759.208	1417.18	8.36	5.72906	64.1077	-0.010313
1.92314	81.3356	101.049	773.369	1432.88	8.3783	5.71219	64.009	-0.011563

1.92414	81.3356	101.049	772.912	1444.08	8.34369	6.68812	63.5156	-0.010938
1.92514	81.4724	100.775	783.089	1428.79	8.33962	5.69625	62.728	-0.012188
1.92614	81.6091	100.912	781.033	1393.41	8.41706	6.78906	62.726	-0.011875
1.92714	81.4724	101.46	757.493	1358.88	8.55565	5.75406	62.726	-0.011563
1.92814	82.1581	100.912	754.18	1325.94	8.49451	5.75856	62.6787	-0.010313
1.92914	81.4724	100.775	752.353	1294.12	8.58826	5.75719	63.0221	-0.010313
1.93014	81.1989	101.049	751.211	1314.8	8.68201	5.75219	63.3182	-0.012188
1.93114	81.3356	101.049	752.239	1343.83	8.55565	5.75344	63.0221	-0.010938
1.93214	81.6091	101.049	751.896	1383.5	8.56788	5.74989	63.2688	-0.012188
1.93314	81.3356	100.775	748.185	1382.07	8.78391	5.75156	62.43	-0.010938
1.93414	80.7888	100.638	751.896	1379.21	8.69831	5.75875	62.0352	-0.010313
1.93514	81.4724	101.049	755.894	1378.81	8.62087	5.74489	61.7885	-0.009375
1.93614	81.4724	100.912	756.485	1377.43	8.75945	5.74531	61.6405	-0.010313
1.93714	80.7888	100.912	759.092	1365.41	8.7678	5.74219	61.8872	-0.010313
1.93814	81.6091	101.323	760.005	1364.87	8.67793	5.74094	61.9365	-0.010938
1.93914	81.7458	101.049	759.206	1380.63	8.66008	5.73906	62.0352	-0.012188
1.94014	81.3356	101.049	757.378	1410.48	8.71054	5.74094	61.9365	-0.012813
1.94114	81.8826	100.775	770.171	1434.52	8.89424	5.74437	61.5418	-0.008438
1.94214	81.6091	101.049	774.188	1442.17	8.88608	5.74813	60.9496	-0.012813
1.94314	81.6091	100.912	784.232	1439.71	8.66978	5.74719	60.8509	-0.011563
1.94414	81.6091	100.912	782.632	1401.88	8.64532	5.74906	59.9627	-0.012813
1.94514	81.6091	101.049	759.683	1385	8.6657	5.76094	60.0614	-0.011563
1.94614	81.7458	101.049	756.35	1327.99	8.64532	5.74906	60.4582	-0.011875
1.94714	81.6091	100.775	754.18	1296.03	8.62087	5.74969	60.3082	-0.01125
1.94814	81.6091	101.049	753.267	1307.84	8.60049	5.75219	60.4088	-0.011563
1.94914	82.1581	100.912	754.98	1342.47	8.52304	5.75219	60.6536	-0.011563
1.95014	81.6091	101.049	756.485	1358.58	8.50874	5.75406	60.4582	-0.011563
1.95114	82.1581	100.912	750.754	1371.87	8.47005	5.75531	60.1601	-0.010313
1.95214	81.6091	100.912	753.495	1387.87	8.42114	5.74594	59.716	-0.009375
1.95314	81.6091	100.775	757.607	1385	8.40891	5.71969	59.2226	-0.011875
1.95414	81.6091	101.049	760.12	1372.24	8.33962	5.69719	59.9627	-0.010938
1.95514	81.4724	100.912	763.68	1372.24	8.21328	5.68281	59.6887	-0.009688
1.95614	81.7458	100.912	765.831	1366.78	7.94832	5.70719	59.8147	-0.012188
1.95714	81.4724	100.775	768.059	1338.1	8.01761	5.76813	59.9627	-0.009688
1.95814	81.4724	100.912	769.434	1315.29	7.95238	5.74989	59.568	-0.012188
1.95914	81.8826	101.049	756.485	1339.46	7.85457	5.75406	59.2719	-0.010938
1.96014	81.0622	100.501	768.402	1321.88	7.82196	5.75187	59.0745	-0.012188
1.96114	81.0622	100.775	761.947	1316.52	7.78935	5.74781	58.5811	-0.01125
1.96214	80.7888	100.501	757.264	1290.56	7.76897	5.74875	57.9398	-0.011563
1.96314	81.8826	100.775	760.12	1285.16	7.81381	5.74844	57.3475	-0.010313
1.96414	81.3356	100.227	758.521	1272.54	7.91978	5.74844	57.1007	-0.013125
1.96514	81.3356	101.049	758.635	1327.85	7.85457	5.74469	57.5448	-0.011563
1.96614	82.4295	101.049	769.6	1330.04	7.83419	5.74469	57.0021	-0.010313
1.96714	81.7458	100.912	768.516	1342.08	7.91571	5.74594	56.6073	-0.011875
1.96814	81.6091	101.46	762.861	1324.16	7.92794	5.74219	56.1832	-0.010625
1.96914	81.8826	101.049	763.775	1302.04	7.86272	5.74469	56.4089	-0.009063
1.97014	81.6091	101.186	763.089	1301.63	7.89533	5.74719	56.4089	-0.010313
1.97114	81.7458	100.775	764.917	1319.66	7.79343	5.74469	56.558	-0.011563
1.97214	81.7458	101.323	769.143	1339.87	7.83011	5.74156	56.9034	-0.012188
1.97314	81.1989	101.049	770.856	1381.31	7.8668	5.74219	57.5942	-0.011875
1.97414	82.0193	101.049	769.6	1370.88	7.78935	5.74219	57.7916	-0.010938
1.97514	81.7458	101.049	768.516	1359.81	7.76489	5.74344	57.9889	-0.011563

1.97814	82.1581	100.775	785.831	1373.06	7.60565	5.74719	58.4331	-0.012813
1.97714	81.0822	100.775	771.541	1411.85	7.77712	5.74989	57.5448	-0.010313
1.97614	81.3356	100.364	779.537	1414.31	7.86707	5.74844	57.1994	-0.010625
1.97514	81.7458	101.46	774.283	1428.74	7.85078	5.74989	56.7553	-0.012813
1.98014	80.8255	100.775	771.884	1406.93	7.89152	5.74813	58.6073	-0.011875
1.98114	81.8091	100.775	770.399	1379.21	7.82631	5.74825	58.854	-0.01125
1.98214	81.7458	100.227	767.888	1350.25	7.52848	5.74781	57.5448	-0.011875
1.98314	81.0822	100.775	767.888	1315.42	7.51825	5.74344	57.8903	-0.010938
1.98414	81.8091	100.775	767.888	1296.98	7.51825	5.71989	58.4824	-0.012188
1.98514	81.8828	101.049	770.513	1332.08	7.47549	5.69781	58.5317	-0.00876
1.98614	81.4724	100.227	773.369	1352.03	7.4225	5.67989	58.3344	-0.010313
1.98714	81.7458	100.775	770.399	1375.79	7.37787	5.69344	58.3837	-0.011563
1.98814	81.3356	100.912	768.888	1386.99	7.3208	5.75312	57.7918	-0.011563
1.98914	81.3356	100.775	772.912	1385.76	7.28392	5.73812	57.7918	-0.011563
1.99014	81.8091	101.049	775.539	1383.17	7.30838	5.74584	57.7918	-0.012813
1.99114	81.8091	101.049	778.823	1382.82	7.26781	5.74408	57.8889	-0.011563
1.99214	81.8091	100.501	781.593	1371.87	7.23501	5.74219	58.285	-0.011563
1.99314	81.8828	100.838	782.392	1365.55	7.13718	5.74281	58.4824	-0.010938
1.99414	82.1581	101.049	781.821	1375.11	7.0312	5.74219	58.4331	-0.010938
1.99514	81.7458	100.838	781.593	1426.33	7.02305	5.73989	58.137	-0.011875
1.99614	81.7458	100.912	782.788	1444.83	6.99044	5.73837	58.0878	-0.008438
1.99714	81.7458	100.501	783.014	1461.84	6.89282	5.73844	57.5942	-0.010938
1.99814	81.8828	100.912	791.416	1438.48	6.87831	5.73812	57.7918	-0.010938
1.99914	81.7458	101.323	790.273	1404.47	6.88282	5.73531	57.8929	-0.009888
2.00014	82.2928	101.049	787.075	1367.6	6.85186	5.73408	57.8435	-0.009688
2.00114	82.1581	101.049	782.506	1327.85	6.70104	5.73489	57.8929	-0.010938
2.00214	81.3356	100.838	780.45	1305.59	6.68086	5.73781	57.8929	-0.010313
2.00314	81.8828	100.775	779.308	1335.09	6.60729	5.73489	57.9396	-0.010825
2.00414	82.1581	101.049	784.334	1361.04	6.55023	5.73856	57.8889	-0.010938
2.00514	82.2928	100.775	785.248	1381.53	6.49316	5.73594	57.4955	-0.011563
2.00614	82.4295	100.501	782.278	1392.46	6.40348	5.73844	57.3888	-0.012188
2.00714	81.7458	100.775	788.181	1380.27	6.38273	5.73856	57.1994	-0.010313
2.00814	81.8091	100.912	787.989	1380.13	6.32197	5.73781	57.0021	-0.01125
2.00914	81.8091	100.501	790.502	1395.73	6.33012	5.73989	57.8409	-0.011563
2.01014	81.8091	101.46	794.842	1390.27	6.27306	5.73844	57.7918	-0.010313
2.01114	81.8828	100.912	796.896	1383.71	6.25875	5.73825	58.1863	-0.011563
2.01214	81.7458	100.838	796.555	1382.78	6.30588	5.73489	58.1863	-0.011563
2.01314	82.1581	100.912	795.87	1428.19	6.25875	5.73489	57.8903	-0.01125
2.01415	81.7458	101.049	803.522	1452.82	6.24045	5.72889	57.9396	-0.01125
2.01515	81.4724	100.227	807.834	1485.12	6.20378	5.71281	57.3475	-0.012188
2.01615	81.8091	101.049	802.723	1458.42	6.25875	5.68989	57.0021	-0.012813
2.01715	81.0822	100.775	802.723	1423.05	6.24045	5.67489	58.9527	-0.011563
2.01815	81.1989	100.912	800.098	1393.96	6.22414	5.68908	57.1994	-0.007813
2.01915	81.8828	100.912	794.842	1361.18	6.2486	5.73094	57.7918	-0.01125
2.02015	81.8091	80.9528	793.014	1330.45	6.2486	5.73719	57.9889	-0.011563
2.02115	81.7458	101.186	791.53	1341.92	6.23637	5.73408	58.7291	-0.010938
2.02215	81.3356	100.501	795.185	1372.1	6.25288	5.73408	58.8798	-0.010313
2.02315	81.8091	100.775	798.487	1388.9	6.28344	5.73408	58.3344	-0.011875
2.02415	81.8828	100.775	795.07	1408.57	6.22007	5.73438	57.8409	-0.01125
2.02515	80.7888	100.912	797.887	1412.4	6.18708	5.73489	57.7918	-0.011875
2.02615	81.8091	100.501	801.124	1382.62	6.18746	5.73156	58.0878	-0.010938
2.02715	81.7458	101.049	796.889	1348.2	6.19153	5.73489	58.285	-0.012813

2.02815	81.7458	101.186	795.07	1337	6.16708	5.73438	58.8772	-0.010938
2.02915	81.3356	100.775	804.893	1306.14	6.1467	5.73156	58.1732	-0.01125
2.03015	82.0193	100.775	801.695	1301.63	6.15077	5.72937	58.9758	-0.010313
2.03115	82.1561	101.049	796.213	1323.62	6.11001	5.72937	58.8278	-0.0125
2.03215	81.6091	100.775	803.408	1353.67	6.08556	5.72906	58.137	-0.010938
2.03315	81.6091	100.912	808.32	1391.36	6.10186	5.73219	58.854	-0.010313
2.03415	81.3356	101.049	808.205	1475.5	6.04887	5.73156	55.9658	-0.010625
2.03515	81.8826	100.912	823.853	1459.65	6.01219	5.72906	55.5711	-0.009375
2.03615	81.8091	100.638	815.63	1421.27	6.00811	5.72594	55.0778	-0.010313
2.03715	81.6091	100.775	800.324	1394.64	5.95512	5.72969	54.8306	-0.010938
2.03815	82.1561	101.049	805.578	1334.54	5.92251	5.72656	55.4724	-0.010938
2.03915	81.7458	100.775	802.152	1317.61	5.93067	5.72906	55.9165	-0.013125
2.04015	81.7458	101.049	796.487	1353.39	5.9429	5.73062	56.3112	-0.008438
2.04115	81.8826	101.049	809.233	1364.69	5.86545	5.72844	56.3606	-0.012188
2.04215	81.8826	101.323	807.634	1382.73	5.82877	5.73156	56.5086	-0.012613
2.04315	82.2928	101.049	801.487	1408.03	5.83284	5.73156	56.6073	-0.011563
2.04415	81.6091	100.775	800.781	1403.93	5.79818	5.73281	56.2125	-0.010938
2.04515	81.8826	101.049	803.522	1402.84	5.72686	5.73562	56.4099	-0.011563
2.04615	81.3356	100.912	808.482	1401.47	5.6881	5.72969	56.3112	-0.011563
2.04715	82.0193	101.049	812.203	1389.72	5.6898	5.70969	56.6086	-0.01125
2.04815	81.6091	101.049	813.117	1380.85	5.60051	5.68906	56.6073	-0.011563
2.04915	81.7458	100.775	813.117	1377.16	5.58013	5.66719	56.4099	-0.011563
2.05015	81.8826	101.049	811.061	1413.76	5.53937	5.66094	55.7191	-0.012188
2.05115	82.2928	101.049	816.429	1411.03	5.44969	5.73781	55.3243	-0.010313
2.05215	82.1561	101.186	814.487	1403.52	5.37632	5.73686	54.2387	-0.012813
2.05315	82.1561	101.049	813.117	1388.83	5.40488	5.73406	54.1401	-0.011563
2.05415	82.1561	101.049	814.259	1316.65	5.36002	5.73219	53.2025	-0.010938
2.05515	81.8826	101.049	808.284	1279.5	5.29668	5.73406	52.7091	-0.012188
2.05615	82.2928	101.049	799.182	1244.13	5.25812	5.73281	52.6597	-0.010313
2.05715	81.6091	100.501	798.954	1217.08	5.26219	5.73219	52.1683	-0.010313
2.05815	81.6091	100.501	797.812	1239.35	5.22958	5.73125	52.0676	-0.011563
2.05915	81.3356	101.049	805.122	1260.38	5.14399	5.72969	51.9195	-0.011563
2.06015	81.7458	100.775	809.919	1276.09	5.08285	5.72687	51.4261	-0.012813
2.06115	82.4295	100.912	813.117	1283.33	5.07469	5.72844	51.13	-0.010938
2.06215	81.8826	101.049	815.858	1289.12	4.9198	5.72563	50.834	-0.009375
2.06315	81.7458	100.501	816.315	1256.97	4.90758	5.72687	50.3899	-0.011563
2.06415	82.1561	101.049	815.63	1249.86	4.87089	5.72719	50.3899	-0.01125
2.06515	82.0193	101.049	816.599	1244.85	4.86274	5.72719	50.8933	-0.010938
2.06615	82.1561	101.049	821.112	1239.35	4.84236	5.72781	50.6859	-0.011563
2.06715	81.0622	101.049	820.198	1241.94	4.83828	5.72844	51.0313	-0.012188
2.06815	81.8826	101.323	816.599	1265.92	4.84236	5.72406	50.8833	-0.010313
2.06915	81.7458	100.912	822.254	1318.29	4.84644	5.72219	50.8833	-0.010313
2.07015	81.6091	101.049	824.539	1316.24	4.82196	5.72261	49.9951	-0.011563
2.07115	82.4295	101.049	817.8	1282.51	4.87497	5.72187	50.0936	-0.010313
2.07215	82.0193	100.912	813.117	1236.75	4.85459	5.71844	50.0444	-0.012813
2.07315	81.8826	100.501	814.487	1203.43	4.84644	5.71906	50.1925	-0.011563
2.07415	81.0622	100.912	811.746	1199.46	4.85459	5.71906	50.4382	-0.012813
2.07515	81.1989	100.912	812.431	1196.87	4.88312	5.71969	51.5741	-0.011563
2.07615	81.8826	101.186	814.944	1219.82	4.8872	5.72489	52.265	-0.010938
2.07715	81.8826	100.227	818.371	1253.55	4.94426	5.72875	52.7091	-0.012188
2.07815	82.1561	100.638	819.741	1261.88	4.9198	5.72969	53.1038	-0.011563
2.07915	81.7458	101.049	817.914	1324.16	4.89535	5.70969	53.1632	-0.010825

2.08015	82.0193	100.912	831.392	1335.64	4.94428	5.68094	59.7453	-0.010313
2.08115	81.8828	101.323	832.782	1283.25	4.94018	5.66583	54.2387	-0.011563
2.08215	82.2928	101.049	809.462	1262.84	4.94428	5.65219	54.4855	-0.010938
2.08315	81.8828	101.049	820.198	1275.54	4.93811	5.71989	54.9296	-0.01126
2.08415	81.8091	100.501	836.874	1277.73	4.89535	5.73281	55.2256	-0.012188
2.08515	82.1561	100.912	822.254	1302.72	4.85051	5.72408	55.2256	-0.012188
2.08615	82.4295	101.049	817.914	1333.86	4.88274	5.72844	55.127	-0.012813
2.08715	82.0193	101.049	830.021	1345.47	4.87904	5.72719	55.5711	-0.009375
2.08815	82.1561	101.323	824.196	1359.13	4.85459	5.72344	55.2256	-0.010825
2.08915	82.1561	101.049	812.548	1354.78	4.82198	5.72281	54.9789	-0.010313
2.09015	81.8091	100.912	815.287	1310.23	4.8016	5.71844	55.0283	-0.010938
2.09115	81.8828	100.775	818.599	1280.48	4.79752	5.71812	55.3243	-0.012188
2.09215	81.8091	100.912	810.718	1260.24	4.89155	5.71719	55.3243	-0.010938
2.09315	81.8828	100.912	808.149	1226.78	4.87524	5.71719	58.1138	-0.011875
2.09415	81.8091	100.912	808.091	1228.01	4.85486	5.71812	58.4088	-0.011563
2.09515	81.7458	101.049	812.089	1268.44	4.85894	5.71844	58.8588	-0.011563
2.09615	81.8091	100.912	818.599	1277.59	4.86557	5.71944	58.0845	-0.011563
2.09715	81.8091	100.501	818.599	1298.35	4.82833	5.71812	58.1832	-0.012813
2.09815	81.7458	101.049	824.31	1301.9	4.5978	5.71856	58.0152	-0.011563
2.09915	82.1561	100.912	829.907	1295.48	4.55703	5.71937	55.7884	-0.01125
2.10015	81.8828	101.049	830.249	1298.82	4.5122	5.72281	65.5217	-0.011875
2.10115	82.0193	101.049	830.478	1301.22	4.49887	5.71988	55.8897	-0.010938
2.10215	82.0193	101.049	832.782	1283.43	4.52035	5.72218	55.7191	-0.010938
2.10315	81.8828	101.049	832.305	1287.01	4.53865	5.71989	55.8204	-0.010313
2.10415	81.7458	101.049	830.249	1316.93	4.68111	5.72158	55.8204	-0.010313
2.10515	81.8091	100.912	834.475	1354.78	4.57334	5.72488	55.0283	-0.011563
2.10615	81.3358	100.775	837.831	1384.59	4.47144	5.72858	54.3374	-0.012188
2.10715	82.0193	101.049	831.392	1388.98	4.37769	5.72488	53.8488	-0.013438
2.10815	81.8828	101.049	829.107	1337	4.3084	5.72408	53.5973	-0.011875
2.10915	82.1561	100.912	827.822	1301.78	4.23503	5.72408	54.1401	-0.013125
2.11015	82.0193	100.384	822.254	1272.95	4.25133	5.72875	53.8933	-0.012188
2.11115	82.4295	100.912	822.711	1239.48	4.20242	6.71594	54.4361	-0.011563
2.11215	82.1561	100.775	823.188	1232.38	4.1535	5.68844	54.5348	-0.010825
2.11315	82.1561	101.049	823.738	1274.04	4.18188	5.67125	55.3243	-0.012188
2.11415	82.1561	100.501	829.107	1290.29	3.99861	5.65531	55.8204	-0.010938
2.11515	82.5883	101.049	827.737	1313.78	3.90487	5.71187	55.8204	-0.010313
2.11615	81.8091	100.775	830.935	1319.52	4.00677	5.73125	55.5217	-0.010938
2.11715	82.4295	101.049	835.503	1317.33	4.03122	5.72344	55.5217	-0.01125
2.11815	81.8828	101.323	837.788	1319.79	3.88003	5.71989	55.423	-0.009888
2.11915	81.8828	101.188	840.529	1321.71	3.81519	5.72219	58.1138	-0.012813
2.12015	82.0193	101.597	842.128	1315.42	3.7458	5.72084	57.0514	-0.010313
2.12115	82.1561	100.775	839.844	1310.92	3.71329	5.71989	56.8047	-0.010313
2.12215	81.8828	100.227	837.331	1331.54	3.73775	5.71812	58.8047	-0.010938
2.12315	82.1561	101.049	838.93	1377.98	3.80704	5.71344	57.1994	-0.011875
2.12415	81.3358	101.188	842.357	1398.46	3.80296	5.71344	58.8047	-0.012813
2.12515	81.8828	100.775	837.788	1415.81	3.77851	5.70989	58.4089	-0.011563
2.12615	82.1561	101.188	834.475	1372.79	3.7458	5.70844	56.5088	-0.010825
2.12715	81.8828	101.049	828.879	1338.32	3.7458	5.70488	56.854	-0.011875
2.12815	81.8828	101.049	825.881	1300.13	3.68281	5.71488	57.2881	-0.01125
2.12915	82.4295	101.049	824.539	1275.54	3.63585	5.71531	57.3475	-0.012813
2.13015	81.8828	100.227	824.539	1284.75	3.63177	5.71844	58.3837	-0.012813
2.13115	82.0193	100.775	826.823	1332.36	3.55432	5.71858	59.9706	-0.010313

2.13215	81.8826	100.775	837.902	1313.78	3.5747	5.71781	58.8772	-0.012813
2.13315	82.1561	101.188	826.823	1327.72	3.61954	5.71989	58.9758	-0.010938
2.13415	81.7458	100.912	827.28	1369.92	3.50949	5.71989	58.7291	-0.011583
2.13515	81.8826	100.501	847.382	1330.99	3.45242	5.72825	58.7291	-0.010313
2.13615	82.2828	101.049	837.559	1349.7	3.45242	5.72858	58.7785	-0.010313
2.13715	82.1561	100.912	837.788	1351.21	3.40759	5.72906	59.3213	-0.009083
2.13815	82.1561	101.049	848.524	1339.8	3.35052	5.73084	59.588	-0.011583
2.13915	82.0193	101.188	843.727	1332.91	3.3709	5.72989	59.0745	-0.012813
2.14015	82.4295	101.049	837.788	1349.84	3.34845	5.72844	58.5317	-0.009083
2.14115	81.8826	100.638	842.242	1367.87	3.3709	5.73219	57.9889	-0.012188
2.14215	81.8826	101.049	847.382	1360.09	3.38721	5.73125	57.8929	-0.010313
2.14315	81.3356	100.775	838.702	1360.49	3.38313	5.71858	58.3112	-0.010938
2.14415	81.8826	101.46	835.275	1339.46	3.38721	5.69656	55.8871	-0.010625
2.14515	81.8091	100.638	838.93	1321.71	3.37496	5.67344	55.423	-0.011875
2.14615	81.8826	100.775	837.788	1323.07	3.3709	5.68219	55.423	-0.010313
2.14715	82.4295	101.049	836.047	1299.58	3.41574	5.72469	55.9185	-0.010938
2.14815	81.8826	101.188	834.59	1274.18	3.39843	5.73469	56.1138	-0.011583
2.14915	81.8826	100.501	833.219	1303.4	3.40759	5.73281	56.558	-0.010938
2.15015	82.0193	101.049	840.072	1314.33	3.44427	5.72937	56.558	-0.011875
2.15115	82.1561	100.912	840.986	1332.09	3.45242	5.72594	56.3112	-0.011583
2.15215	82.4295	100.912	840.301	1348.48	3.38721	5.72719	56.1138	-0.010938
2.15315	82.0193	100.501	846.011	1344.92	3.43204	5.72719	56.4099	-0.009375
2.15415	82.0193	101.049	846.011	1347.93	3.43612	5.72168	56.2619	-0.010313
2.15515	81.8826	100.912	845.555	1358.87	3.42389	5.72344	56.2125	-0.010313
2.15615	82.1561	100.912	846.811	1351.48	3.44019	5.72158	56.708	-0.010625
2.15715	82.2928	100.775	847.268	1346.56	3.4565	5.71988	57.1501	-0.010313
2.15815	82.1561	101.049	846.488	1351.48	3.41574	5.71875	57.3988	-0.010313
2.15915	82.0193	100.912	848.24	1398.48	3.40351	5.71937	57.8929	-0.011583
2.16015	82.4295	101.049	851.494	1410.89	3.38313	5.71989	57.3475	-0.01125
2.16115	82.1561	100.775	846.897	1424.01	3.38721	5.71989	57.3988	-0.010938
2.16215	82.1561	100.775	841.329	1412.12	3.31384	5.71989	57.8929	-0.008875
2.16315	82.1561	100.501	838.93	1379.75	3.30181	5.71989	57.4482	-0.01125
2.16415	82.1561	101.049	837.102	1353.12	3.27308	5.72219	58.3837	-0.010938
2.16515	81.8826	100.501	834.818	1323.07	3.28123	5.71989	58.4391	-0.011583
2.16615	81.6091	100.912	835.047	1262.2	3.24047	5.72219	59.1732	-0.010625
2.16715	82.0193	101.049	834.59	1314.88	3.1871	5.72344	59.688	-0.010313
2.16815	81.8826	101.46	838.702	1343.56	3.12634	5.72469	59.7854	-0.011583
2.16915	82.1561	101.597	841.214	1381.72	3.11819	5.72408	59.8173	-0.010313
2.17015	81.3356	101.049	836.473	1361.39	3.01221	5.72281	59.8147	-0.009888
2.17115	81.8826	101.323	844.184	1360.16	3.00813	5.72408	59.718	-0.011583
2.17215	81.8826	100.912	846.468	1364.94	2.97145	5.72094	59.7854	-0.010938
2.17315	81.6091	101.049	849.686	1402.02	2.93069	5.71812	60.0121	-0.010313
2.17415	82.0193	100.775	851.266	1372.79	2.88177	5.70594	60.2588	-0.011583
2.17515	81.6091	100.912	846.524	1367.48	2.84917	5.68489	61.147	-0.012188
2.17615	82.703	101.049	849.438	1357.22	2.79818	5.68594	60.8016	-0.011583
2.17715	81.8826	101.323	849.885	1408.03	2.75949	5.65531	61.0483	-0.010938
2.17815	81.6091	100.638	856.52	1433.43	2.72688	5.64969	60.8509	-0.01
2.17915	82.4295	101.049	856.748	1448.32	2.73504	5.72781	60.2588	-0.011583
2.18015	81.8826	100.364	851.494	1461.16	2.75134	5.71825	59.9827	-0.01125
2.18115	82.1561	100.912	852.408	1430.15	2.73504	5.71812	59.7854	-0.01125
2.18215	81.8826	100.912	847.268	1419.09	2.81248	5.71584	59.9134	-0.011583
2.18315	82.2928	101.323	844.184	1361.18	2.78395	5.71469	60.1801	-0.011875

2.18416	82.1561	101.323	840.529	1311.05	2.71488	5.71562	60.5549	-0.007188
2.18516	82.1561	100.912	835.96	1307.77	2.75949	5.71688	61.147	-0.01125
2.18616	82.0193	100.912	844.889	1350.11	2.74319	5.71969	61.7885	-0.010313
2.18716	82.0193	100.501	850.352	1377.43	2.85352	5.71858	61.3937	-0.010938
2.18816	82.4295	100.775	845.555	1411.3	2.62908	5.71582	60.8496	-0.010938
2.18916	82.1561	101.186	848.489	1405.57	2.68982	5.71156	60.6042	-0.012188
2.19016	82.1561	100.638	847.611	1388.08	2.65352	5.71031	60.6536	-0.011563
2.19116	82.2928	101.46	848.354	1387.54	2.83721	5.71082	61.0483	-0.011563
2.19216	82.1561	100.912	851.037	1386.96	2.52308	5.71125	61.4431	-0.010938
2.19316	82.4295	101.049	855.948	1393.27	2.4864	5.71312	61.4431	-0.0125
2.19416	82.1561	101.597	856.876	1397.92	2.47417	5.71187	62.0352	-0.01125
2.19516	82.1561	101.323	852.75	1421.41	2.52308	5.71312	61.9365	-0.009375
2.19616	82.0193	100.775	853.207	1459.11	2.54754	5.71281	61.9365	-0.01125
2.19716	82.4295	100.912	856.882	1459.85	2.59237	5.71489	61.9365	-0.011563
2.19816	82.2928	101.049	850.123	1471.13	2.58015	5.71219	61.3937	-0.012813
2.19916	81.8828	100.501	850.009	1448.18	2.51901	5.71281	61.8405	-0.012188
2.20016	82.1561	101.049	851.288	1435.34	2.48194	5.71187	61.7391	-0.011563
2.20116	82.1561	101.186	849.438	1401.08	2.52716	5.71489	62.1339	-0.010825
2.20216	81.8828	100.775	843.956	1353.84	2.54754	5.71688	62.6273	-0.010313
2.20316	82.4295	101.049	838.13	1332.81	2.55977	5.71969	63.3182	-0.010825
2.20416	81.8828	101.049	842.242	1367.06	2.55569	5.72489	63.7623	-0.010313
2.20516	82.2928	101.049	850.009	1391.91	2.51493	5.72489	63.6142	-0.010938
2.20616	82.1561	100.775	848.298	1400.65	2.47417	5.71969	63.2888	-0.011563
2.20716	82.2928	101.597	848.24	1424.14	2.49047	5.69438	63.0714	-0.013438
2.20816	82.0193	100.775	854.692	1414.04	2.45379	5.67469	62.8247	-0.0125
2.20916	82.2928	100.775	852.179	1420.86	2.42933	5.65219	62.0352	-0.013125
2.21016	82.2928	101.186	851.722	1409.25	2.45379	5.68563	61.8672	-0.010313
2.21116	81.8828	101.049	854.464	1371.58	2.42526	5.73656	61.8672	-0.011875
2.21216	82.1561	101.186	853.776	1354.76	2.40895	5.71688	61.7391	-0.010313
2.21316	82.1561	100.638	852.408	1374.43	2.40895	5.72156	62.0352	-0.010825
2.21416	82.4295	101.049	856.52	1445.04	2.32335	5.71908	62.1339	-0.011563
2.21516	82.1561	101.049	854.298	1491.61	2.28687	5.71812	62.3806	-0.0125
2.21616	81.8828	101.049	860.289	1518.25	2.23388	5.71594	62.726	-0.010313
2.21716	82.1561	100.638	851.951	1491.89	2.197	5.71719	63.1208	-0.008125
2.21816	82.4295	100.912	848.981	1443.26	2.18984	5.71344	63.7129	-0.0125
2.21916	82.1561	100.775	846.24	1396.46	2.18068	5.71312	64.6996	-0.010313
2.22016	82.8396	100.912	846.011	1367.32	2.13993	5.71187	64.6011	-0.011563
2.22116	82.4295	100.912	846.897	1351.48	2.1114	5.71344	64.6996	-0.011875
2.22216	82.1561	100.501	848.296	1383.89	2.07879	5.71187	64.6011	-0.01125
2.22316	82.2928	100.912	850.009	1409.94	2.05026	5.71094	64.6011	-0.012188
2.22416	82.4295	100.912	846.24	1425.51	2.03395	5.71219	64.1077	-0.014375
2.22516	81.7458	101.186	843.042	1437.53	1.98912	5.71658	63.5158	-0.012813
2.22616	82.1561	100.912	849.438	1436.71	1.98912	5.71631	63.6636	-0.010313
2.22716	82.703	101.049	854.692	1435.89	1.91982	5.71312	63.6636	-0.012188
2.22816	82.5663	100.775	858.804	1438.21	1.90352	5.71489	64.157	-0.012813
2.22916	82.1561	101.049	860.517	1426.87	1.87091	5.71594	64.7985	-0.012813
2.23016	82.2928	100.775	858.804	1419.23	1.85968	5.71781	65.292	-0.012188
2.23116	82.4295	101.049	855.606	1419.23	1.85968	5.71781	65.4893	-0.011875
2.23216	82.2928	101.049	854.578	1464.02	1.85053	5.71969	64.9859	-0.014083
2.23316	82.1561	100.912	862.345	1466.8	1.822	5.72406	64.6972	-0.012813
2.23416	82.0193	100.227	863.829	1511.55	1.77309	5.72219	64.3051	-0.009888
2.23516	82.2928	101.323	857.89	1509.37	1.78939	5.72531	63.9103	-0.009375

2.23616	81.8828	100.912	855.834	1473.58	1.72417	5.72344	63.9597	-0.010825
2.23716	82.1661	101.049	852.865	1439.3	1.71802	5.72281	64.5024	-0.010313
2.23816	81.8828	101.049	847.498	1404.34	1.69972	5.71281	64.7985	-0.011583
2.23916	82.2928	101.049	847.498	1371.97	1.69972	5.68594	65.1833	-0.009063
2.24016	82.703	101.049	847.839	1377.7	1.74048	5.68906	65.6867	-0.012813
2.24116	82.0193	101.049	850.809	1414.85	1.70379	5.65469	65.4893	-0.013438
2.24216	82.4295	101.049	853.884	1428.24	1.87526	5.70344	65.6374	-0.008688
2.24316	82.2928	100.912	847.382	1449.82	1.69156	5.73187	64.8972	-0.010938
2.24416	82.703	100.912	850.352	1454.19	1.85488	5.72281	64.8011	-0.010313
2.24516	82.4295	101.049	853.207	1452.55	1.6182	5.72408	64.8011	-0.011563
2.24616	81.3356	101.049	854.235	1458.38	1.62835	5.71875	65.0948	-0.010825
2.24716	82.5883	101.049	856.52	1450.09	1.80587	5.71989	65.8374	-0.010938
2.24816	82.5883	101.186	858.347	1441.9	1.81004	5.71594	65.8841	-0.01125
2.24916	82.4295	100.775	856.634	1436.43	1.57744	5.71812	66.6243	-0.010938
2.25016	82.1581	100.638	853.207	1455.28	1.55705	5.71858	66.5749	-0.010938
2.25116	81.8828	100.775	855.482	1505.41	1.53887	5.71781	66.1802	-0.010825
2.25216	82.0193	100.501	863.144	1516.74	1.53887	5.71908	65.7361	-0.010313
2.25316	82.1581	101.049	857.547	1530.13	1.48776	5.71594	65.588	-0.010313
2.25416	81.7458	101.049	854.007	1508.64	1.48738	5.71489	65.3907	-0.012188
2.25516	82.2928	101.049	853.093	1472.22	1.43885	5.71281	65.8841	-0.010313
2.25616	82.4295	101.049	849.781	1440.53	1.39401	5.71408	66.0815	-0.012188
2.25716	82.2928	100.227	848.296	1405.29	1.4307	5.71594	66.7723	-0.011563
2.25816	82.1581	100.775	848.861	1385.35	1.35325	5.71719	66.8203	-0.01125
2.25916	82.1581	101.049	850.352	1422.78	1.3288	5.71594	67.4631	-0.010313
2.26016	82.2928	101.049	854.92	1439.17	1.2432	5.71844	67.1871	-0.010938
2.26116	82.1581	100.775	852.408	1460.75	1.18813	5.71594	66.8738	-0.008063
2.26216	82.2928	100.912	852.179	1472.77	1.14945	5.71844	66.2295	-0.011563
2.26316	82.1581	100.364	855.606	1489.49	1.10481	5.72094	66.2788	-0.011563
2.26416	82.703	101.049	857.547	1470.85	1.11278	5.72094	66.6243	-0.010938
2.26516	82.2928	101.049	859.261	1471.87	1.12907	5.71989	66.871	-0.012188
2.26616	82.2928	100.775	860.517	1460.75	1.10064	5.72218	67.5618	-0.010938
2.26716	82.703	100.775	861.088	1447.36	1.03124	5.72594	67.7592	-0.010625
2.26816	82.4295	101.049	854.808	1353.12	1.03124	5.72718	67.8085	-0.010313
2.26916	82.4295	101.049	835.047	1347.38	1.03124	5.72281	67.4138	-0.010313
2.27016	81.8828	100.775	847.839	1350.93	1.03124	5.69989	68.8218	-0.011583
2.27116	82.1581	100.912	858.481	1320.2	0.937494	5.67937	68.0321	-0.01125
2.27216	82.4295	101.049	843.27	1317.33	0.904885	5.68219	64.8479	-0.013125
2.27316	81.6091	100.775	841.9	1278.88	0.843744	5.68489	63.7129	-0.014063
2.27416	82.4295	100.775	848.41	1261.88	0.831518	5.73989	63.2195	-0.012813
2.27516	82.1581	100.08	846.011	1285.98	0.868201	5.72656	62.43	-0.0125
2.27616	81.8828	100.501	845.783	1249.18	0.864125	5.73084	61.6898	-0.010313
2.27716	82.4295	101.323	850.809	1248.83	0.835592	5.72989	61.2457	-0.011583
2.27816	82.1581	101.049	857.89	1270.82	0.794832	5.72989	59.9827	-0.012188
2.27916	82.1581	101.186	860.174	1272.87	0.774451	5.72844	59.1239	-0.011583
2.28016	81.6091	100.912	855.149	1281.55	0.843744	5.72656	58.1893	-0.010938
2.28116	82.4295	101.049	857.89	1278	0.798908	5.71989	58.8047	-0.010313
2.28216	81.8828	101.049	860.517	1275.13	0.728815	5.72218	56.558	-0.010938
2.28316	81.7458	100.775	858.804	1279.09	0.741843	5.71989	56.6073	-0.010313
2.28416	82.1581	101.049	859.489	1282.92	0.721483	5.71844	56.9527	-0.012813
2.28516	82.4295	101.323	860.88	1284.58	0.71331	5.71908	57.5448	-0.011875
2.28616	82.4295	101.323	859.261	1279.91	0.688854	5.72084	56.3837	-0.010938
2.28716	82.703	100.775	854.235	1305.04	0.676828	5.72218	58.4824	-0.01125

2.28818	82.4295	101.049	853.55	1333.45	0.639941	5.72219	58.5317	-0.01125
2.28918	82.4295	100.364	859.978	1340.01	0.631789	5.72187	58.5811	-0.01125
2.29018	82.5663	100.775	853.207	1334.13	0.690322	5.71844	58.137	-0.010313
2.29118	82.4295	101.597	851.38	1328.53	0.582877	5.71781	57.9889	-0.011583
2.29217	82.4295	100.912	858.063	1410.48	0.582877	5.71719	58.3837	-0.010313
2.29317	81.8828	100.775	868.398	1398.28	0.55842	5.71989	58.8772	-0.012188
2.29417	82.4295	100.775	851.494	1357.49	0.582486	5.72094	59.8147	-0.011875
2.29517	82.4295	101.049	835.98	1328.9	0.478899	5.71989	60.3575	-0.015313
2.29617	82.1581	101.46	850.58	1317.33	0.51788	5.72312	61.5911	-0.011583
2.29717	82.4295	101.049	853.893	1332.38	0.489127	5.72825	62.6767	-0.011583
2.29817	82.2928	101.46	850.809	1364.05	0.452443	5.72719	63.2195	-0.010938
2.29917	82.4295	100.775	858.063	1369.78	0.448387	5.72906	63.8118	-0.010938
2.30017	82.703	100.775	858.461	1370.74	0.452443	5.71858	64.3051	-0.01125
2.30117	82.4295	101.049	850.58	1388.04	0.407806	5.89438	64.7492	-0.012188
2.30217	82.4295	101.323	848.753	1388.38	0.387228	5.87719	65.44	-0.010313
2.30317	82.2928	101.049	856.978	1388.38	0.38315	5.85594	65.8967	-0.00875
2.30417	82.2928	101.188	863.144	1389.72	0.322009	5.86594	66.1802	-0.009688
2.30517	82.1581	100.912	860.06	1393.41	0.313857	5.73594	66.9828	-0.01125
2.30617	82.4295	100.912	858.804	1435.89	0.256792	5.71989	66.8348	-0.013125
2.30717	81.7458	100.775	864.515	1445.45	0.2894	5.72594	68.2295	-0.012188
2.30817	82.4295	101.049	857.433	1459.38	0.260888	5.72594	68.1802	-0.010938
2.30917	82.1581	100.501	853.093	1448.54	0.232335	5.72281	65.8867	-0.011583
2.31017	81.7458	101.049	855.492	1418.13	0.211955	5.71989	66.0321	-0.011583
2.31117	82.4295	100.775	854.007	1388.22	0.175271	5.71989	66.1308	-0.011583
2.31217	82.4295	101.049	851.494	1349.7	0.191575	5.71937	66.4762	-0.010313
2.31317	82.4295	100.364	849.438	1321.98	0.158986	5.71989	66.5749	-0.01125
2.31417	82.0193	100.775	847.839	1350.93	0.11413	5.71582	66.4289	-0.012188
2.31517	82.4295	100.775	854.007	1372.92	0.077445	5.71489	66.5749	-0.011583
2.31617	82.1581	101.049	854.484	1394.84	0.088293	5.71584	65.8841	-0.010938
2.31717	82.4295	100.364	851.951	1408.57	-0.008152	5.71582	64.8998	-0.013438
2.31817	82.4295	101.049	858.119	1402.84	0.040781	5.71584	65.0948	-0.010825
2.31917	82.1581	100.501	858.804	1403.11	0.040781	5.71719	65.4893	-0.010313
2.32017	82.1581	100.501	859.948	1407.21	0.024456	5.71989	65.44	-0.008375
2.32117	82.4295	101.049	861.545	1399.42	-0.004076	5.72344	65.9828	-0.012188
2.32217	82.2928	100.912	861.088	1394.84	-0.004076	5.72187	66.2789	-0.011583
2.32317	82.2928	100.775	859.147	1394.91	-0.004076	5.72158	66.8243	-0.011583
2.32417	82.2928	100.912	857.89	1440.87	0.028532	5.72408	66.4762	-0.011583
2.32517	82.1581	100.775	864.857	1461.02	-0.028532	5.72375	66.0816	-0.0125
2.32617	82.703	100.501	863.373	1474.4	-0.004076	5.72344	65.7854	-0.010938
2.32717	82.1581	101.049	858.978	1463.48	-0.02038	5.72187	65.7854	-0.010313
2.32817	82.0193	101.049	855.035	1429.06	-0.052989	5.71989	65.4893	-0.013438
2.32917	82.4295	101.323	852.408	1399.28	-0.008152	5.72219	66.3775	-0.01125
2.33017	82.4295	101.049	849.21	1366.5	-0.012228	5.72219	67.8805	-0.010313
2.33117	82.4295	101.049	849.21	1335.77	-0.004076	5.71694	67.8805	-0.009688
2.33217	82.1581	101.049	848.753	1349.84	-0.024456	5.69219	68.2526	-0.010938
2.33317	82.2928	100.912	853.321	1384.67	-0.004076	5.68812	68.4994	-0.010938
2.33417	82.8398	101.049	858.291	1401.74	0.044837	5.84844	68.5487	-0.012188
2.33517	82.1581	100.775	851.951	1423.6	-0.02038	5.68344	68.6967	-0.010938
2.33617	82.4295	101.323	856.52	1424.14	-0.004076	5.73219	68.3513	-0.01125
2.33717	82.2928	100.912	859.948	1421.96	-0.004076	5.71594	68.5487	-0.011583
2.33817	82.9785	100.775	881.317	1426.33	-0.004076	5.71781	68.7481	-0.010313
2.33917	82.4295	101.323	882.002	1417.59	-0.052989	5.71489	68.8474	-0.013438

2.34017	82.2828	100.638	862.459	1411.3	-0.004078	5.71825	69.3382	-0.010938
2.34117	82.1581	101.323	859.948	1408.3	-0.004078	5.71489	70.1277	-0.011563
2.34217	82.0183	100.638	858.878	1437.8	-0.004078	5.71844	69.6343	-0.011876
2.34317	81.8828	100.912	861.431	1480.14	-0.004078	5.72408	69.733	-0.012188
2.34417	82.4286	100.912	866.342	1490.25	-0.004078	5.71844	69.2889	-0.010825
2.34517	82.2828	100.775	858.119	1491.89	-0.004078	5.71594	68.8987	-0.011563
2.34617	82.4295	100.912	858.291	1452.01	-0.004078	5.71719	68.7954	-0.010313
2.34717	82.0193	100.638	852.885	1409.39	-0.004078	5.71094	68.5981	-0.009063
2.34817	82.4295	101.049	848.286	1370.74	-0.008152	5.71219	68.0553	-0.011563
2.34917	82.1581	100.775	848.488	1327.99	-0.004078	5.71344	68.0553	-0.011563
2.35017	82.0193	100.912	846.24	1311.05	-0.044837	5.71344	67.4631	-0.011563
2.35117	82.4295	100.912	848.41	1352.57	-0.02038	5.71408	67.2858	-0.012813
2.35217	82.4295	101.049	858.083	1374.97	-0.012228	5.71888	67.8085	-0.010625
2.35317	82.4295	101.597	854.484	1411.3	0.028532	5.71719	66.871	-0.0125
2.35417	82.1581	100.912	858.978	1431.24	-0.004078	5.71989	67.3151	-0.010313
2.35517	82.4295	101.186	861.545	1426.87	-0.02038	5.71562	67.8588	-0.009688
2.35617	82.5683	101.049	861.545	1424.01	0.036885	5.71719	68.0553	-0.012188
2.35717	82.4295	101.186	863.144	1391.64	-0.004078	5.71812	68.6474	-0.012813
2.35817	81.7458	100.775	859.948	1314.88	-0.024456	5.71844	69.3878	-0.010313
2.35917	82.703	101.049	849.21	1307.77	-0.016304	5.72094	69.4389	-0.0125
2.36017	82.2828	101.46	855.834	1283.46	-0.004078	5.72187	68.7481	-0.012813
2.36117	82.1581	100.912	855.149	1317.61	-0.004078	5.72158	68.0553	-0.010625
2.36217	82.703	101.049	854.235	1382.89	-0.008152	5.72158	68.9897	-0.013125
2.36317	82.4286	101.049	868.17	1485.88	-0.004078	5.70408	66.4289	-0.012813
2.36417	82.4286	101.049	861.99	1486.89	-0.012228	5.67937	65.3907	-0.012188
2.36517	82.8765	100.912	854.235	1436.18	-0.004078	5.66158	65.292	-0.010638
2.36617	82.4295	100.838	842.357	1393	0.02038	5.64989	65.4893	-0.012188
2.36717	82.703	100.912	858.481	1334.54	-0.004078	5.71594	66.0815	-0.010938
2.36817	82.4286	101.049	854.235	1324.57	-0.004078	5.72094	66.7723	-0.010313
2.36917	82.1581	100.227	847.839	1356.81	-0.004078	5.71812	67.2164	-0.008375
2.37017	82.0183	100.912	860.06	1368.98	-0.004078	5.71908	67.4138	-0.010313
2.37117	82.4286	101.049	857.205	1388.45	-0.004078	5.71719	67.4631	-0.010313
2.37217	82.2828	101.734	843.499	1410.48	-0.02038	5.71344	67.1177	-0.010313
2.37317	82.1581	100.501	845.098	1405.29	-0.004078	5.71531	67.0684	-0.011875
2.37417	82.4295	101.049	857.89	1411.03	-0.004078	5.71344	67.3844	-0.0125
2.37517	81.7458	101.186	864.172	1418.13	-0.004078	5.71344	67.4831	-0.012813
2.37617	82.1581	101.049	863.944	1399.83	-0.008152	5.71531	67.7592	-0.010313
2.37717	82.2828	100.775	862.002	1386.99	-0.004078	5.71031	67.9072	-0.011563
2.37817	81.8828	101.049	859.718	1383.99	0.024456	5.70908	67.8579	-0.010938
2.37917	82.1581	101.049	858.978	1425.23	-0.004078	5.71156	67.8805	-0.01125
2.38017	82.0193	101.049	864.172	1458.58	-0.004078	5.71344	67.1177	-0.012188
2.38117	82.8398	101.049	865.771	1476.86	-0.004078	5.71408	66.871	-0.012813
2.38217	82.703	100.384	862.459	1468.26	-0.004078	5.71084	66.6738	-0.010313
2.38317	82.2828	101.049	861.088	1431.79	-0.012228	5.70989	66.3775	-0.010625
2.38417	82.5683	100.912	854.349	1396.33	-0.004078	5.70989	66.6738	-0.014063
2.38517	81.7458	101.049	848.981	1364.87	-0.004078	5.71531	67.8579	-0.010938
2.38617	82.8398	100.912	850.58	1333.72	-0.004078	5.71825	68.0553	-0.010625
2.38717	82.4295	101.186	849.324	1335.91	-0.012228	5.71719	67.9586	-0.009688
2.38817	82.4295	101.049	852.838	1371.69	-0.004078	5.72219	67.8579	-0.01125
2.38917	82.703	100.775	856.748	1384.12	-0.004078	5.71888	67.4631	-0.011875
2.39017	82.4295	100.501	852.865	1405.84	0.032809	5.72344	66.8216	-0.012188
2.39117	82.2828	100.638	854.692	1408.85	-0.024456	5.71888	66.2789	-0.012813

2.39217	82.1561	101.049	857.433	1406.11	-0.004076	5.72469	66.3775	-0.011875
2.39317	82.4295	101.049	858.804	1410.78	-0.004076	5.72469	66.5749	-0.012188
2.39417	81.7458	100.912	863.715	1406.11	-0.004076	5.70719	66.871	-0.008688
2.39517	82.2928	100.775	862.459	1396.28	-0.02038	5.68489	67.4631	-0.012813
2.39617	82.703	100.638	860.974	1391.09	-0.004076	5.66812	68.0059	-0.0125
2.39717	82.8398	100.775	858.347	1409.94	-0.004076	5.66584	67.7592	-0.012188
2.39817	82.1561	101.049	861.088	1457.47	-0.004076	5.73688	67.2164	-0.012813
2.39917	82.6663	100.912	867.142	1467.3	0.028532	5.72563	66.4762	-0.011563
2.40017	82.4295	101.871	859.375	1476.22	-0.004076	5.72594	66.1308	-0.010938
2.40117	82.1561	100.912	856.063	1446.13	-0.004076	5.72344	65.6867	-0.009688
2.40217	82.4295	101.049	854.92	1410.07	-0.004076	5.72156	65.9334	-0.010313
2.40317	81.8828	100.912	848.895	1380.98	-0.004076	5.72563	66.1308	-0.010938
2.40417	82.4295	100.912	847.725	1345.47	-0.012228	5.71908	66.7723	-0.010313
2.40517	82.4295	101.049	848.524	1325.26	-0.012228	5.71812	67.0684	-0.007813
2.40617	82.1561	100.912	847.611	1359.81	-0.008152	5.71969	66.871	-0.012813
2.40717	82.1561	101.049	854.007	1377.02	-0.004076	5.71969	66.9203	-0.01125
2.40817	82.2928	100.227	851.951	1398.48	-0.004076	5.71844	66.1308	-0.011563
2.40917	82.9785	100.912	851.151	1410.48	-0.004076	5.71844	65.3907	-0.012188
2.41017	82.4295	100.501	855.492	1405.02	-0.004076	5.71781	65.2426	-0.010938
2.41117	82.4295	100.501	856.634	1406.11	-0.004076	5.71908	65.0948	-0.011875
2.41217	82.6663	100.912	858.119	1406.39	0.044837	5.72344	65.292	-0.010938
2.41317	82.1561	100.775	859.718	1396.28	-0.004076	5.72156	65.3907	-0.011563
2.41417	81.8828	101.049	858.347	1389.45	-0.008152	5.72531	65.3907	-0.011875
2.41517	82.4295	100.912	855.834	1384.81	-0.004076	5.72469	65.588	-0.011563
2.41617	82.4295	101.049	854.464	1429.61	-0.016304	5.72469	64.8972	-0.010313
2.41717	82.4295	101.049	858.89	1433.43	-0.02038	5.72656	64.3051	-0.0125
2.41817	82.4295	100.775	854.808	1428.51	-0.004076	5.72594	63.861	-0.010313
2.41917	82.4295	101.049	846.697	1402.84	-0.004076	5.72719	63.1208	-0.010313
2.42017	82.4295	101.049	847.611	1364.59	-0.004076	5.72656	62.5287	-0.011563
2.42117	82.8398	100.912	844.07	1348.2	-0.004076	5.72437	62.1939	-0.011563
2.42217	82.2928	101.049	841.671	1338.1	-0.004076	5.72469	62.3806	-0.013125
2.42317	82.9785	101.049	843.27	1322.25	0.028532	5.72344	62.6767	-0.010313
2.42417	82.4295	100.775	841.9	1344.11	-0.004076	5.70437	62.9234	-0.011875
2.42517	82.703	100.912	844.184	1371.97	-0.004076	5.68469	62.726	-0.012188
2.42617	82.4295	101.049	847.154	1367.32	-0.004076	5.68531	62.578	-0.012813
2.42717	82.9785	101.049	843.489	1320.34	-0.004076	5.65084	62.3313	-0.008438
2.42817	82.2928	100.912	837.331	1289.03	-0.012228	5.70281	61.8378	-0.014375
2.42917	82.4295	101.323	846.925	1277.18	-0.004076	5.73688	61.7885	-0.010938
2.43017	82.4295	100.912	852.293	1269.53	-0.004076	5.72344	61.147	-0.012188
2.43118	82.5663	101.323	848.753	1312.83	-0.004076	5.72469	60.3575	-0.012813
2.43218	82.4295	101.049	858.575	1410.35	-0.004076	5.72687	60.2588	-0.011563
2.43318	82.4295	101.323	875.708	1406.57	-0.004076	5.72156	59.9134	-0.011563
2.43418	82.703	101.049	862.636	1431.52	0.061141	5.72344	59.568	-0.010938
2.43518	81.8828	101.049	847.496	1426.74	-0.004076	5.71969	59.3706	-0.010625
2.43618	82.5663	100.775	861.774	1393.96	-0.004076	5.72344	58.9758	-0.010313
2.43718	82.4295	100.912	855.149	1397.85	-0.004076	5.72064	58.6796	-0.012188
2.43818	82.5663	100.775	852.636	1388.36	-0.004076	5.71584	58.7291	-0.007813
2.43918	82.4295	100.638	852.979	1355.58	-0.012228	5.71582	58.6796	-0.013438
2.44018	82.5663	101.049	846.697	1337.28	-0.004076	5.71584	59.2719	-0.012188
2.44118	82.703	101.049	835.96	1315.42	-0.004076	5.71719	59.5186	-0.011563
2.44218	82.1561	100.501	833.219	1308.41	-0.004076	5.72064	59.3213	-0.011563
2.44318	82.4295	100.775	839.958	1346.02	-0.004076	5.71719	59.1732	-0.012188

2.44418	81.8091	100.912	850.809	1364.59	-0.004076	5.71969	58.8772	-0.010825
2.44518	82.2928	101.049	848.296	1380.16	-0.004076	5.71844	58.5317	-0.011563
2.44618	82.4295	100.775	847.382	1380.98	-0.036585	5.71594	57.9396	-0.010625
2.44718	82.4295	101.186	849.895	1377.98	-0.004076	5.72219	57.5942	-0.012188
2.44818	82.2928	101.049	849.666	1378.52	-0.016304	5.71969	57.7422	-0.011875
2.44918	82.4295	100.501	854.007	1377.16	-0.004076	5.72219	57.4955	-0.010313
2.45018	82.2928	100.775	858.748	1372.79	-0.004076	5.72219	57.4955	-0.012188
2.45118	82.4295	100.775	859.946	1365.28	-0.004076	5.72719	57.9889	-0.009688
2.45218	82.2928	100.912	858.804	1383.71	-0.004076	5.72719	57.3968	-0.011875
2.45318	83.1133	101.049	858.804	1430.16	-0.004076	5.72989	57.1994	-0.010938
2.45418	82.4295	100.775	860.517	1438.07	-0.004076	5.72375	57.0514	-0.010938
2.45518	82.2928	100.227	853.321	1450.37	-0.004076	5.68261	55.9165	-0.011563
2.45618	82.4295	100.775	851.286	1423.87	0.036585	5.6725	55.8178	-0.011563
2.45718	82.703	100.912	850.123	1388.04	-0.004076	5.65459	55.5217	-0.011875
2.45818	82.703	100.775	843.958	1354.49	0.02038	5.67594	55.5217	-0.010313
2.45918	82.4295	100.912	841.214	1316.24	-0.012228	5.73875	55.3243	-0.012813
2.46018	82.4295	101.46	840.529	1294.86	-0.004076	5.72469	55.5217	-0.009375
2.46118	83.1133	100.912	840.072	1329.35	-0.004076	5.72989	55.4724	-0.012813
2.46218	82.8398	100.838	845.555	1349.02	-0.004076	5.72719	55.6204	-0.010938
2.46318	82.4295	100.838	845.555	1371.15	-0.004076	5.72656	55.3243	-0.012188
2.46418	82.703	100.912	846.811	1382.07	-0.004076	5.72719	54.8309	-0.011563
2.46518	82.4295	100.775	852.179	1376.07	-0.012228	5.72437	54.2881	-0.012813
2.46618	82.4295	100.501	853.778	1373.61	-0.004076	5.72344	54.2881	-0.011875
2.46718	82.2928	100.227	855.482	1370.88	0.040761	5.72219	54.5348	-0.011563
2.46818	82.5663	101.186	858.978	1358.68	-0.004076	5.71908	54.2881	-0.010313
2.46918	82.1561	101.049	855.806	1352.44	-0.02038	5.72094	54.4855	-0.008375
2.47018	82.4295	100.912	850.58	1362.98	-0.012228	5.71844	54.4381	-0.01
2.47118	82.4295	101.597	850.809	1403.79	-0.004076	5.72094	53.844	-0.007813
2.47218	82.703	100.775	855.606	1419.23	-0.004076	5.72406	53.8933	-0.012813
2.47318	82.8398	101.186	851.151	1429.33	-0.004076	5.72406	53.3505	-0.011875
2.47418	82.703	101.323	844.184	1409.94	-0.004076	5.72219	52.8597	-0.011563
2.47518	82.8398	100.912	841.9	1387.87	-0.004076	5.72187	52.8571	-0.010938
2.47618	82.8398	101.049	836.76	1330.04	-0.004076	5.72656	53.0545	-0.011563
2.47718	82.4295	101.049	832.534	1292.75	-0.008152	5.72437	52.8078	-0.011563
2.47818	82.703	101.049	833.219	1258.06	0.026532	5.72719	53.0545	-0.011563
2.47918	82.4295	101.049	832.305	1269.53	-0.004076	5.72656	53.3505	-0.010313
2.48018	82.703	100.227	837.102	1299.44	-0.004076	5.73469	52.8571	-0.012188
2.48118	82.703	100.912	840.072	1312.83	-0.004076	5.73594	52.561	-0.012813
2.48218	81.8826	100.775	837.788	1329.63	-0.004076	5.73719	52.265	-0.013125
2.48318	82.4295	100.775	843.27	1322.53	-0.004076	5.73812	51.4754	-0.010938
2.48418	82.8398	100.912	845.098	1309.55	-0.004076	5.73469	51.2781	-0.010938
2.48518	82.4295	100.912	846.011	1303.95	-0.012228	5.71156	51.4754	-0.010313
2.48618	82.8398	100.775	850.123	1290.7	-0.004076	5.69281	50.7848	-0.010313
2.48718	82.8398	101.323	849.686	1279.91	-0.004076	5.67531	50.4888	-0.008063
2.48818	82.5663	101.049	846.697	1272.54	-0.004076	5.69686	50.0938	-0.010313
2.48918	82.1561	100.912	844.184	1303.13	0.052989	5.74969	49.7977	-0.013438
2.49018	82.703	100.912	846.468	1322.53	-0.012228	5.73469	49.5017	-0.013125
2.49118	82.703	100.912	845.783	1313.65	-0.008152	5.73812	49.2058	-0.012813
2.49218	82.4295	100.775	838.245	1304.5	-0.004076	5.73219	49.0576	-0.01125
2.49318	82.703	100.501	840.072	1288.85	-0.012228	5.73187	48.8602	-0.009063
2.49418	82.2928	100.912	838.13	1241.94	-0.008152	5.73344	48.8602	-0.012813
2.49518	82.1561	101.049	834.133	1216.54	-0.004076	5.73718	49.551	-0.011563

2.49618	82.703	100.775	830.82	1162.31	-0.004076	5.73438	50.0838	-0.011563
2.49718	82.1561	100.364	824.082	1137.05	-0.004076	5.73488	50.1825	-0.012813
2.49818	82.703	100.501	822.94	1154.8	-0.012228	5.73281	50.1825	-0.011563
2.49918	82.4295	100.364	835.389	1145.51	-0.004076	5.72906	49.9951	-0.010313
2.50018	82.703	101.46	833.676	1165.73	0.036685	5.73094	49.5017	-0.010625
2.50118	82.4295	100.912	835.303	1230.74	-0.004076	5.72969	49.0576	-0.010838
2.50218	82.4295	101.323	850.009	1242.08	-0.004076	5.73125	48.8108	-0.009688
2.50318	83.1133	101.049	846.697	1248.77	-0.004076	5.73158	48.3174	-0.009688
2.50418	82.1561	100.912	841.9	1238.12	-0.004076	5.73219	48.2187	-0.010938
2.50518	82.703	101.049	849.668	1196.78	-0.004076	5.73219	48.6135	-0.0125
2.50618	82.4295	100.638	848.667	1178.84	-0.004076	5.73187	48.9589	-0.012188
2.50718	82.5883	101.323	841.9	1206.57	-0.004076	5.73219	49.6003	-0.014063
2.50818	82.0193	101.049	845.763	1241.12	-0.004076	5.73562	49.3043	-0.010313
2.50918	82.703	101.46	848.961	1258.6	-0.004076	5.73969	49.3043	-0.0125
2.51018	82.703	100.912	839.844	1273.77	-0.004076	5.73469	49.403	-0.011875
2.51118	82.4295	101.46	832.876	1244.67	0.036685	5.73375	49.5017	-0.011563
2.51218	82.5663	100.912	831.62	1208.89	-0.028532	5.73562	49.403	-0.011563
2.51318	82.703	100.638	830.135	1173.92	-0.012228	5.73688	49.403	-0.012188
2.51418	82.703	100.501	827.737	1131.86	-0.012228	5.72219	49.6003	-0.012188
2.51518	82.1561	100.775	826.252	1112.73	-0.008152	5.69906	49.7977	-0.009688
2.51618	82.703	100.775	826.48	1149.07	-0.008152	5.67969	49.699	-0.014063
2.51718	82.703	100.912	831.734	1164.91	-0.02038	5.66969	49.6003	-0.010938
2.51818	82.4295	100.912	830.478	1188.13	-0.012228	5.73281	49.9951	-0.009688
2.51918	82.4295	100.501	832.534	1196.6	-0.008152	5.73869	49.2058	-0.010938
2.52018	83.1133	100.775	839.158	1191.88	-0.004076	5.73937	49.5017	-0.009063
2.52118	82.9765	100.912	841.671	1192.64	-0.004076	5.73562	49.403	-0.01125
2.52218	82.5883	101.049	843.27	1190.04	0.028532	5.73594	49.8471	-0.012188
2.52318	82.8398	101.049	845.098	1179.93	-0.004076	5.73469	50.3405	-0.011875
2.52418	82.8398	101.049	843.841	1174.74	-0.012228	5.73312	50.8833	-0.010313
2.52518	82.703	100.912	840.986	1199.33	-0.004076	5.73406	50.8833	-0.010638
2.52618	82.703	100.775	840.301	1241.12	-0.004076	5.73406	50.6859	-0.010625
2.52718	82.4295	100.638	842.357	1251.23	-0.004076	5.73344	50.4392	-0.012188
2.52818	82.703	101.186	837.331	1267.65	-0.004076	5.72969	50.3899	-0.011875
2.52918	82.1561	100.638	834.361	1227.74	-0.012228	5.72969	50.6859	-0.010938
2.53018	82.703	101.049	831.848	1191.88	-0.004076	5.72969	50.6368	-0.011875
2.53118	83.1133	100.912	827.28	1160.68	0.016304	5.73406	50.6859	-0.011875
2.53218	82.0193	101.049	825.452	1125.18	-0.004076	5.73094	51.0807	-0.0125
2.53318	82.9765	100.775	829.511	1111.1	0.02038	5.73344	51.5741	-0.012813
2.53418	82.703	100.638	823.625	1150.43	-0.016304	5.73312	52.0182	-0.010938
2.53518	82.4295	101.049	831.183	1167.64	-0.004076	5.73375	51.8689	-0.011563
2.53618	82.8398	100.775	830.249	1191.95	-0.012228	5.73469	51.6728	-0.010938
2.53718	82.8398	100.912	832.305	1200.97	-0.004076	5.73875	51.8702	-0.009375
2.53818	82.5663	100.775	834.704	1187.83	-0.024456	5.7375	51.5248	-0.015313
2.53918	82.4295	100.775	837.217	1202.88	-0.004076	5.73688	52.265	-0.013438
2.54018	82.4295	100.775	839.958	1204.52	-0.004076	5.74094	52.8571	-0.010938
2.54118	82.4295	101.049	842.357	1187.42	-0.004076	5.73969	53.0051	-0.012813
2.54218	82.703	101.049	841.9	1182.77	-0.004076	5.74344	53.5479	-0.010313
2.54318	82.8398	100.775	839.044	1218.45	-0.02038	5.72656	53.3505	-0.013125
2.54418	82.8398	100.775	840.415	1260.65	-0.004076	5.70375	53.8933	-0.011563
2.54518	82.703	100.775	843.042	1271.72	-0.004076	5.68719	53.6466	-0.0125
2.54618	82.5663	101.323	836.531	1262.1	-0.004076	5.68781	53.9427	-0.010938
2.54718	82.4295	101.049	834.361	1254.23	-0.004076	5.70719	53.9427	-0.011563

2.54818	82.9785	100.775	832.991	1220.77	-0.008152	5.75489	54.3374	-0.011563
2.54918	82.4295	100.775	828.422	1191.88	-0.038885	5.73969	54.5842	-0.013438
2.55018	82.703	100.912	826.823	1158.08	-0.004078	5.74719	55.3737	-0.012813
2.55118	82.2928	100.838	826.823	1147.29	-0.004078	5.74844	56.4099	-0.011875
2.55218	82.703	101.188	827.737	1187.86	-0.004078	5.75031	56.1138	-0.010938
2.55318	82.9785	100.364	832.876	1202.88	-0.004078	5.74781	56.3112	-0.010313
2.55418	83.3868	100.775	831.392	1222.27	-0.004078	5.74312	56.1632	-0.01125
2.55518	82.4295	100.601	830.935	1220.91	0.028532	5.74344	56.2125	-0.010313
2.55618	82.1581	100.912	834.361	1211.35	-0.004078	5.73844	56.0645	-0.011563
2.55718	82.4295	100.638	835.503	1214.9	-0.012228	5.73856	55.9165	-0.01125
2.55818	82.703	100.364	838.016	1221.45	-0.012228	5.73489	56.3112	-0.011875
2.55918	82.9785	100.775	840.529	1220.09	0.024456	5.73489	56.8047	-0.010938
2.56018	82.4295	100.912	837.102	1215.58	-0.052989	5.73094	56.4099	-0.015313
2.56118	82.8398	100.912	835.818	1246.59	-0.008152	5.73719	57.1501	-0.011563
2.56218	82.4295	100.501	837.674	1266.74	-0.004078	5.73906	57.5448	-0.011875
2.56318	82.703	100.775	840.072	1300.87	-0.004078	5.74594	57.3968	-0.012813
2.56418	82.9785	101.323	835.848	1310.92	-0.004078	5.74344	57.7422	-0.011563
2.56518	82.8398	100.912	834.247	1254.51	-0.004078	5.74594	57.9889	-0.010313
2.56618	82.703	101.323	828.252	1203.02	-0.004078	5.74856	58.4824	-0.011563
2.56718	82.4295	101.049	823.168	1172.28	0.024456	5.74969	58.3837	-0.01125
2.56818	82.9785	101.323	826.823	1122.43	-0.012228	5.74844	59.0745	-0.012188
2.56918	82.8398	101.049	822.14	1128.85	-0.008152	5.75219	58.9758	-0.01125
2.57018	82.703	100.501	825.224	1210.8	-0.004078	5.75489	59.1732	-0.01125
2.57118	82.4295	100.912	840.988	1233.06	-0.038885	5.75094	58.5811	-0.012813
2.57218	82.2928	100.912	833.904	1249.59	-0.004078	5.73812	58.8772	-0.011563
2.57318	82.703	100.364	827.508	1244.28	-0.004078	5.71469	59.3213	-0.010938
2.57418	82.4295	100.775	838.189	1220.91	-0.004078	5.69219	59.1732	-0.012188
2.57518	82.4295	100.775	839.958	1224.05	-0.004078	5.67719	59.9134	-0.01125
2.57618	82.703	100.364	839.815	1237.84	-0.004078	5.73489	59.9627	-0.01125
2.57718	82.703	101.049	841.8	1238.75	0.02038	5.75719	60.8018	-0.010938
2.57818	82.9785	101.049	842.128	1239.82	-0.004078	5.74594	61.7391	-0.011563
2.57918	82.8398	101.188	837.331	1281	-0.008152	5.75094	61.6898	-0.012188
2.58018	82.8398	101.049	836.417	1314.33	-0.004078	5.74719	61.7391	-0.012813
2.58118	82.4295	100.775	839.844	1319.25	-0.004078	5.74781	61.8405	-0.011875
2.58218	82.4295	100.912	836.648	1326.08	-0.012228	5.74531	61.4431	-0.011563
2.58318	82.703	99.9526	834.818	1299.85	-0.004078	5.74219	61.6898	-0.012813
2.58418	82.703	101.48	832.876	1268.17	-0.004078	5.74156	62.43	-0.011563
2.58518	82.703	100.912	827.985	1243.58	-0.004078	5.74344	62.1339	-0.010313
2.58618	82.9785	101.049	825.908	1210.53	-0.004078	5.74344	62.578	-0.009063
2.58718	82.1581	101.049	828.252	1205.61	-0.012228	5.74156	62.8247	-0.010938
2.58818	82.703	100.501	829.107	1248.18	0.028532	5.73969	63.0221	-0.010938
2.58918	82.4295	100.775	835.047	1260.11	-0.008152	5.73844	63.2195	-0.012188
2.59018	82.2928	100.775	833.79	1284.69	-0.004078	5.74281	63.2195	-0.012188
2.59118	82.4295	100.912	836.303	1292.34	-0.004078	5.74219	63.4169	-0.012813
2.59218	82.4295	100.912	837.674	1287.42	-0.016304	5.74219	63.3182	-0.012813
2.59318	82.4295	100.775	838.702	1290.58	-0.024456	5.74156	63.5158	-0.011563
2.59418	82.9785	100.775	840.988	1287.7	-0.004078	5.74563	63.9597	-0.012188
2.59518	82.703	100.364	842.585	1279.09	0.02038	5.74656	64.7985	-0.010938
2.59618	82.8398	100.364	840.988	1274.18	-0.004078	5.74875	64.4531	-0.011563
2.59718	83.25	100.775	839.044	1309.98	-0.004078	5.75312	64.3051	-0.010313
2.59818	82.703	101.049	842.813	1346.02	-0.004078	5.74969	64.3051	-0.011563
2.59918	82.1581	100.775	843.156	1358.58	-0.004078	5.75094	64.1077	-0.012188

2.60019	82.8398	100.775	837.874	1361.59	0.036685	5.75156	83.9103	-0.011563
2.60119	83.25	100.638	835.503	1329.08	-0.008152	5.73062	84.157	-0.008438
2.60219	82.8398	100.638	834.381	1294.68	-0.012228	5.70408	84.3051	-0.009888
2.60319	82.9785	100.912	830.384	1264.34	-0.004078	5.68781	84.8505	-0.013438
2.60419	82.8398	100.912	830.82	1228.28	-0.004078	5.68219	85.0846	-0.008688
2.60519	82.703	100.775	829.336	1225.14	-0.004078	5.76219	85.1933	-0.013438
2.60619	82.9785	101.049	832.077	1263.79	-0.004078	5.74989	85.4893	-0.011563
2.60719	82.4295	101.049	836.646	1278.27	0.028532	5.75084	84.9959	-0.011563
2.60819	82.8398	100.775	833.79	1302.04	-0.012228	5.74844	84.8996	-0.012813
2.60919	82.4295	101.188	835.503	1306.88	-0.004078	5.74469	84.3061	-0.011875
2.61019	82.8398	101.188	839.387	1303.88	-0.004078	5.74469	84.5516	-0.012188
2.61119	82.4295	100.912	840.072	1308.05	-0.024456	5.74594	84.8505	-0.011563
2.61219	83.25	101.049	843.042	1305.32	-0.146738	5.74469	85.1933	-0.010625
2.61319	82.0193	100.775	844.184	1297.8	-0.80708	5.74437	85.8374	-0.010625
2.61419	82.8398	100.638	842.357	1291.88	-2.48602	5.74406	85.7361	-0.012188
2.61519	82.703	101.049	839.844	1324.16	-3.11819	5.74344	85.8348	-0.01125
2.61619	82.8398	101.049	843.042	1360.22	-2.82906	5.74084	85.44	-0.011875
2.61719	82.8398	100.912	845.088	1371.89	-2.22145	5.74469	85.2428	-0.012813
2.61819	82.703	100.775	839.273	1374.7	-1.85053	5.74856	85.0948	-0.012188
2.61919	82.9785	100.912	838.13	1343.01	-1.50407	5.75261	84.8972	-0.01125
2.62019	82.4295	101.049	836.646	1309.98	-1.18813	5.74856	85.0948	-0.011563
2.62119	82.9785	100.775	832.305	1279.91	-1.072	5.75082	85.588	-0.010313
2.62219	82.8398	100.501	830.478	1241.12	-1.45515	5.74908	85.8841	-0.011563
2.62319	82.2928	100.912	830.708	1230.88	-2.10732	5.75084	86.0321	-0.010938
2.62419	82.4295	100.912	832.077	1263.39	-2.23778	5.75594	85.8348	-0.011875
2.62519	82.703	100.912	836.646	1265.88	-1.98504	5.75719	85.8374	-0.013125
2.62619	82.703	100.384	833.219	1280.48	-1.72417	5.75719	84.9858	-0.007813
2.62719	82.703	99.9528	834.133	1274.99	-1.61004	5.75719	84.157	-0.013438
2.62819	83.25	100.912	838.016	1265.57	-1.73233	5.75989	84.1077	-0.0125
2.62919	82.703	100.912	839.158	1271.72	-1.89537	5.74344	84.009	-0.012188
2.63019	82.8398	100.912	842.357	1288.74	-1.94836	5.71989	84.157	-0.010625
2.63119	82.4295	101.049	845.44	1299.03	-1.86278	5.70219	84.8998	-0.010313
2.63219	82.9785	100.775	844.869	1310.51	-1.76493	5.69719	85.0946	-0.010313
2.63319	82.9785	100.227	841.443	1340.01	-1.78493	5.78408	85.7361	-0.011875
2.63419	82.703	101.049	844.641	1350.39	-1.83015	5.78408	85.7854	-0.010625
2.63519	82.703	101.188	841.9	1299.03	-1.84646	5.78489	85.7361	-0.011563
2.63619	82.9785	100.775	830.708	1306.88	-1.83015	5.75989	85.8841	-0.00875
2.63719	82.4295	100.775	838.93	1248.5	-1.78124	5.75906	85.8348	-0.010313
2.63819	82.8398	100.912	834.818	1237.84	-1.78531	5.75825	85.8841	-0.011875
2.63919	82.703	101.188	830.249	1304.5	-1.80589	5.75858	85.8887	-0.012188
2.64019	82.9785	101.323	845.328	1308.95	-1.81792	5.75882	85.44	-0.010938
2.64119	82.9785	101.049	838.245	1290.56	-1.79764	5.76408	85.3907	-0.011875
2.64219	82.2928	100.775	823.282	1317.33	-1.75878	5.75156	85.4893	-0.011563
2.64319	82.8398	101.323	837.102	1278	-1.77308	5.74719	85.588	-0.010625
2.64419	82.9785	101.049	837.874	1277.45	-1.76901	5.75219	85.8887	-0.011563
2.64519	82.4295	100.912	834.361	1298.9	-1.78124	5.75219	85.9828	-0.011875
2.64619	82.703	100.775	843.166	1298.76	-1.77308	5.75437	86.1802	-0.013438
2.64719	82.9785	100.912	843.727	1311.8	-1.78493	5.75219	86.5749	-0.012813
2.64819	83.5236	101.049	840.186	1330.04	-1.74048	5.75858	87.4631	-0.009083
2.64919	82.703	101.323	835.503	1319.38	-1.74048	5.75261	87.4631	-0.012813
2.65019	83.1133	101.049	837.788	1307.77	-1.7364	5.75344	87.7592	-0.010938
2.65119	83.5236	101.049	839.158	1331.54	-1.73233	5.75888	87.9072	-0.010938

2.65219	82.8398	100.775	845.088	1370.06	-1.69972	5.75936	67.6618	-0.01125
2.65319	82.8765	101.049	846.638	1375.52	-1.7201	5.76219	67.4631	-0.010313
2.65419	82.703	100.912	841.443	1389.18	-1.7201	5.75719	67.0684	-0.010825
2.65519	83.25	100.912	836.417	1384.18	-1.73233	5.75719	67.2658	-0.010825
2.65619	82.5683	100.364	835.047	1329.49	-1.69972	5.74469	67.6805	-0.010625
2.65719	82.4295	101.48	831.382	1303.13	-1.69972	5.72281	67.8579	-0.012813
2.65819	82.8398	100.775	832.305	1264.89	-1.68341	5.70683	68.45	-0.011583
2.65919	82.8398	101.597	834.818	1246.31	-1.67118	5.68719	68.8448	-0.009083
2.66019	82.8398	100.912	834.59	1285.92	-1.65488	5.69858	69.2395	-0.0125
2.66119	82.703	100.501	838.245	1301.83	-1.64285	5.77158	69.2395	-0.010838
2.66219	82.703	101.049	835.818	1326.08	-1.62227	5.75812	69.0422	-0.012813
2.66319	83.1133	100.912	834.59	1337.82	-1.61004	5.75989	68.9928	-0.011583
2.66419	82.8398	100.775	839.387	1335.38	-1.60597	5.75875	68.9435	-0.010313
2.66519	83.25	101.049	841.214	1335.91	-1.62835	5.75375	69.0422	-0.010625
2.66619	82.8398	101.049	843.27	1335.77	-1.54483	5.75489	69.3876	-0.010825
2.66719	82.4295	100.775	844.184	1325.53	-1.57744	5.75219	69.733	-0.010838
2.66819	83.5236	101.049	842.699	1319.79	-1.55298	5.75719	69.9797	-0.011583
2.66919	82.9765	100.501	838.702	1335.09	-1.56928	5.75406	70.4732	-0.009063
2.67019	82.4295	100.364	841.443	1384.81	-1.53087	5.75219	70.4238	-0.007188
2.67119	82.703	100.912	847.154	1395.48	-1.52445	5.75094	69.8317	-0.011583
2.67219	82.9765	100.775	843.27	1409.39	-1.48776	5.75082	70.0291	-0.011583
2.67319	83.25	100.912	839.501	1385.35	-1.49581	5.75281	70.0291	-0.010313
2.67419	82.4295	100.775	837.788	1350.11	-1.47146	5.74844	69.733	-0.012813
2.67519	83.25	100.775	834.361	1320.88	-1.46331	5.75531	70.2758	-0.01125
2.67619	83.3868	101.188	831.183	1284.15	-1.45515	5.75156	70.8186	-0.010313
2.67719	83.25	101.049	831.983	1280.24	-1.40824	5.75219	71.016	-0.011583
2.67819	82.9765	100.775	832.648	1284.25	-1.42682	5.75408	71.164	-0.010838
2.67919	83.1133	100.912	838.587	1315.42	-1.38994	5.75531	71.312	-0.01125
2.68019	82.9765	101.049	837.331	1338.18	-1.40624	5.75489	71.164	-0.010313
2.68119	82.9765	100.501	834.59	1351.48	-1.3451	5.75844	71.016	-0.01
2.68219	82.703	101.323	839.615	1347.93	-1.34918	5.75989	71.016	-0.012188
2.68319	82.9765	101.049	840.529	1348.75	-1.35325	5.75844	71.164	-0.012813
2.68419	82.9765	101.049	842.128	1350.8	-1.3268	5.74594	71.312	-0.011583
2.68519	82.4295	101.049	844.184	1340.28	-1.30842	5.72094	71.9042	-0.010313
2.68619	82.9765	100.912	844.184	1334	-1.30842	5.70318	72.0028	-0.010625
2.68719	83.1133	101.188	841.671	1341.1	-1.27988	5.68856	72.1015	-0.011583
2.68819	82.9765	101.049	841.214	1391.91	-1.22689	5.74719	72.1509	-0.010838
2.68919	82.8398	100.501	847.486	1406.39	-1.28398	5.77375	71.9042	-0.011583
2.69019	82.4295	100.775	844.841	1421.98	-1.25543	5.78344	71.5094	-0.012188
2.69119	82.8398	100.775	839.501	1401.2	-1.24727	5.78344	71.2133	-0.012813
2.69219	82.9765	101.049	839.844	1362.13	-1.24727	5.76281	71.5094	-0.008125
2.69319	82.703	100.501	834.361	1327.85	-1.23505	5.76281	71.6081	-0.012813
2.69419	82.9765	100.227	831.382	1290.84	-1.20244	5.76281	71.8574	-0.013125
2.69519	82.703	100.775	831.183	1258.06	-1.20851	5.76406	71.8055	-0.012188
2.69619	82.4295	100.912	830.478	1274.45	-1.18206	5.75812	71.4107	-0.010838
2.69719	82.8398	100.775	834.932	1292.07	-1.16168	5.75989	71.2133	-0.011583
2.69819	83.1133	100.775	835.047	1289.31	-1.16168	5.75531	70.3251	-0.010838
2.69919	82.4295	101.049	832.891	1313.1	-1.11276	5.75489	70.0291	-0.012813
2.70019	82.9765	101.323	837.331	1319.79	-1.14945	5.75344	69.9797	-0.01125
2.70119	82.703	100.838	840.886	1334	-1.14537	5.75888	70.2284	-0.010838
2.70219	83.1133	101.049	842.813	1352.57	-1.12092	5.75989	70.8173	-0.01125
2.70319	83.3868	100.775	845.44	1324.71	-1.08848	5.75989	71.6081	-0.010838

2.70418	83.1133	101.049	840.072	1280.46	-1.09646	5.76281	72.1509	-0.011563
2.70518	82.9785	100.912	834.818	1272.54	-1.08831	5.76344	72.4489	-0.011875
2.70618	83.5236	100.775	839.158	1275.13	-1.08793	5.76719	72.1015	-0.012188
2.70718	82.703	100.775	840.529	1284.83	-1.05162	5.76887	71.8055	-0.01125
2.70818	82.8398	100.912	838.93	1285.24	-1.0557	5.77219	70.8879	-0.011563
2.7092	82.4295	101.049	837.331	1286.53	-1.04755	5.76781	69.8343	-0.011563
2.7102	82.9785	100.912	835.047	1259.7	-0.994559	5.76719	69.0422	-0.011563
2.7112	82.9785	101.323	834.818	1299.58	-1.02909	5.76408	68.45	-0.012813
2.7122	83.5236	100.912	839.815	1301.08	-1.02309	5.74094	68.5487	-0.01125
2.7132	82.9785	100.964	838.13	1276.63	-1.01494	5.71781	68.7461	-0.011563
2.7142	82.9785	100.227	831.983	1272.67	-1.00271	5.69969	69.0422	-0.010313
2.7152	83.25	100.912	836.417	1288.98	-0.994559	5.72969	69.2889	-0.011563
2.7162	82.8398	100.775	838.473	1285.98	-0.970102	5.77989	69.6343	-0.012813
2.7172	83.5236	100.775	834.475	1289.88	-0.94157	5.76719	70.0784	-0.012813
2.7182	83.25	100.501	838.245	1299.31	-0.929342	5.76989	70.2264	-0.010625
2.7192	83.1133	101.049	842.242	1316.24	-0.917113	5.77094	70.6212	-0.010625
2.7202	82.4295	100.912	838.245	1338.51	-0.917113	5.78531	70.8188	-0.010625
2.7212	82.1561	100.912	836.874	1338.91	-0.908961	5.78594	71.0653	-0.011563
2.7222	82.703	101.049	839.158	1327.31	-0.904885	5.76344	71.5587	-0.011563
2.7232	82.5663	100.775	839.387	1320.34	-0.896733	5.75969	71.5587	-0.011563
2.7242	82.703	101.049	838.13	1350.11	-0.892857	5.78187	71.312	-0.013125
2.7252	82.8398	101.049	844.184	1378.51	-0.888201	5.78219	70.6212	-0.010313
2.7262	83.1133	101.323	845.783	1391.38	-0.888201	5.75969	70.3745	-0.010938
2.7272	82.703	100.775	837.559	1397.92	-0.855973	5.75969	70.1277	-0.010938
2.7282	82.8398	100.775	835.732	1373.06	-0.843744	5.75969	70.2264	-0.013438
2.7292	82.9785	101.323	835.389	1345.47	-0.82744	5.75719	70.6212	-0.011563
2.7302	83.3668	100.775	832.991	1317.06	-0.802984	5.76219	71.2133	-0.012813
2.7312	82.9785	101.323	833.904	1280.73	-0.78688	5.75969	71.8535	-0.010938
2.7322	83.1133	101.186	832.762	1277.86	-0.741843	5.78312	72.2002	-0.013125
2.7332	83.25	100.912	834.818	1314.08	-0.778527	5.78344	72.2002	-0.012188
2.7342	82.9785	101.049	838.93	1326.76	-0.774451	5.78856	72.1015	-0.010938
2.7352	83.1133	100.775	833.904	1350.11	-0.758147	5.77156	71.8055	-0.011563
2.7362	82.9785	100.638	836.303	1354.78	-0.737787	5.76875	71.4107	-0.010313
2.7372	82.9785	101.323	839.815	1352.03	-0.766299	5.77094	70.8188	-0.012813
2.7382	82.8398	101.323	840.072	1358.94	-0.737767	5.78312	71.312	-0.01375
2.7392	82.8398	100.912	842.813	1352.57	-0.721463	5.73906	72.4489	-0.012188
2.7402	82.2828	100.912	842.699	1343.7	-0.725539	5.71969	72.4963	-0.013438
2.7412	82.9785	100.775	840.872	1339.19	-0.71331	6.71158	72.8404	-0.010313
2.7422	83.25	100.912	838.245	1366.78	-0.68293	5.75969	72.891	-0.011563
2.7432	82.8398	101.049	842.128	1406.8	-0.660322	5.77812	72.7924	-0.011875
2.7442	83.25	101.186	846.24	1417.31	-0.688854	5.77408	72.1015	-0.010313
2.7452	82.9785	100.775	840.757	1422.5	-0.668474	5.77219	71.9042	-0.011875
2.7462	83.5236	100.775	838.473	1394.09	-0.67255	5.76969	71.8055	-0.012813
2.7472	82.8398	101.049	837.331	1359.4	-0.644017	5.77094	72.2002	-0.011563
2.7482	82.8398	100.775	833.219	1328.53	-0.67255	5.76825	72.3978	-0.012813
2.7492	82.4295	101.049	832.077	1294.39	-0.623637	5.78719	73.1871	-0.012813
2.7502	82.4295	100.912	831.848	1283.19	-0.623637	5.76969	73.9273	-0.012188
2.7512	83.25	101.186	833.219	1322.25	-0.623637	5.76531	74.1247	-0.010938
2.7522	83.25	100.912	838.702	1337.28	-0.599181	5.78344	73.8779	-0.01125
2.7532	83.25	100.912	835.389	1361.86	-0.582877	5.78344	73.8806	-0.011563
2.7542	83.1133	100.501	835.503	1368.96	-0.542118	5.78344	73.7299	-0.011563
2.7552	83.25	101.323	839.615	1366.78	-0.582877	5.78489	73.4832	-0.012813

2.7662	83.5236	100.912	840.529	1369.78	-0.566572	5.76406	73.7299	-0.01375
2.7572	82.9765	100.775	842.242	1367.87	-0.55842	5.76908	74.174	-0.011875
2.7582	82.9765	101.186	843.956	1358.58	-0.548192	5.76875	74.5688	-0.011563
2.7592	82.9765	100.912	842.128	1351.62	-0.55842	5.76937	74.3714	-0.013126
2.7602	83.5236	100.775	839.273	1369.78	-0.525812	5.77344	75.1609	-0.011875
2.7612	83.5236	101.049	840.986	1415.13	-0.509507	5.77531	75.1116	-0.011875
2.7622	82.9765	100.775	846.925	1419.77	-0.501955	5.77562	74.0753	-0.012813
2.7632	83.1133	101.323	841.671	1420.18	-0.480595	5.77781	73.9788	-0.012188
2.7642	82.9765	101.46	837.331	1387.54	-0.472823	5.76908	73.7793	-0.011875
2.7652	83.1133	101.323	836.874	1349.16	-0.427966	5.74437	73.5819	-0.012813
2.7662	82.5683	101.049	833.105	1322.39	-0.472823	5.72594	73.7793	-0.012188
2.7672	82.9765	101.049	831.734	1291.25	-0.444291	5.70844	74.0753	-0.011563
2.7682	82.9765	100.912	832.305	1267.35	-0.444291	5.71888	74.2727	-0.010313
2.7692	83.25	101.323	831.277	1293.57	-0.427966	5.76908	74.2727	-0.010625
2.7702	82.9765	101.049	836.531	1299.58	-0.488747	5.77437	73.4832	-0.0125
2.7712	83.25	101.049	835.389	1310.51	-0.411682	5.76344	73.1378	-0.012813
2.7722	83.5236	100.912	834.361	1300.4	-0.40353	5.77938	73.0884	-0.011875
2.7732	82.9765	100.912	838.13	1254.23	-0.379074	5.78187	72.6937	-0.01375
2.7742	82.8398	101.049	833.219	1255.19	-0.382769	5.78187	72.6937	-0.011875
2.7752	82.703	101.049	840.529	1240.85	-0.330161	5.77969	73.1378	-0.012813
2.7762	82.9765	100.912	842.699	1230.61	-0.346465	5.77969	73.4832	-0.010938
2.7772	82.9765	101.049	838.359	1225.82	-0.342389	5.77906	73.5819	-0.012188
2.7782	83.1133	101.049	837.788	1228.56	-0.342389	5.77562	73.2858	-0.012188
2.7792	83.1133	101.049	836.702	1277.59	-0.330161	5.77594	72.6443	-0.011563
2.7802	83.1133	100.501	844.07	1345.33	-0.330161	5.77594	72.1015	-0.01125
2.7812	82.9765	101.049	850.466	1385.35	-0.346465	5.77281	70.5718	-0.014063
2.7822	83.5236	101.049	846.811	1361.86	-0.306705	5.77594	70.9666	-0.0125
2.7832	82.9765	101.049	837.331	1335.84	-0.281248	5.77688	71.6574	-0.010938
2.7842	83.25	100.501	836.417	1290.84	-0.301628	5.77781	71.7068	-0.010313
2.7852	82.4295	100.838	834.59	1260.24	-0.26902	5.77969	72.9897	-0.011563
2.7862	82.9765	100.912	831.392	1247.4	-0.26902	5.78376	73.7793	-0.01125
2.7872	83.1133	100.775	832.534	1272.26	-0.24864	5.78094	74.0753	-0.011875
2.7882	82.9765	101.049	838.245	1292.89	-0.24864	5.78406	74.4701	-0.011563
2.7892	83.25	100.912	833.79	1313.78	-0.24864	5.78944	74.5688	-0.013126
2.7902	82.9765	100.912	828.65	1319.11	-0.264944	5.78406	74.174	-0.010938
2.7912	83.25	101.46	832.534	1309.41	-0.256792	5.78594	73.6312	-0.014688
2.7922	82.9765	101.049	837.559	1308.87	-0.2894	5.74219	73.3845	-0.014063
2.7932	83.1133	101.049	839.501	1320.2	-0.238411	5.72625	73.6806	-0.013126
2.7942	82.9765	101.049	842.928	1326.76	-0.232335	5.71408	74.3714	-0.011563
2.7952	83.1133	100.501	844.889	1332.09	-0.216031	5.78844	74.4207	-0.012188
2.7962	82.9765	101.049	842.242	1337.28	-0.187499	5.78844	74.5688	-0.01125
2.7972	83.25	100.775	839.958	1383.17	-0.179347	5.78594	74.3714	-0.011875
2.7982	83.1133	100.227	847.611	1388.49	-0.158966	5.78813	73.7299	-0.011875
2.7992	83.25	100.912	844.841	1393.41	-0.15489	5.78594	73.6806	-0.010938
2.8002	83.3868	101.049	840.529	1378.39	-0.167118	5.78094	73.5819	-0.011875
2.8012	83.25	101.049	839.958	1343.29	-0.158966	5.77938	73.9273	-0.010625
2.8022	83.25	100.912	835.275	1323.07	-0.142662	5.77969	74.174	-0.009688
2.8032	82.9765	100.775	831.963	1299.72	-0.142662	5.77906	74.5194	-0.010938
2.8042	82.9765	101.186	831.62	1276.09	-0.105978	5.77844	74.6875	-0.012813
2.8052	82.9765	101.049	831.392	1300.81	-0.085597	5.77562	75.1609	-0.010625
2.8062	82.2928	100.775	836.76	1320.89	-0.093749	5.77344	74.3714	-0.010625
2.8072	82.9765	101.049	836.189	1333.45	-0.089293	5.77666	73.7793	-0.01125

2.8082	82.9785	100.838	834.361	1342.8	-0.057065	5.77781	72.8417	-0.012188
2.8092	83.25	100.912	838.245	1337.89	-0.069283	5.77594	72.8937	-0.010938
2.8102	82.8398	100.912	839.815	1339.46	-0.057065	5.77489	72.5456	-0.012188
2.8112	82.9785	101.049	841.214	1348.61	-0.057065	5.77875	72.743	-0.013438
2.8122	82.9785	101.597	843.727	1351.21	-0.061141	5.78125	73.3845	-0.011875
2.8132	83.5238	100.912	843.813	1345.47	-0.052988	5.78312	73.7793	-0.010938
2.8142	83.25	101.48	842.014	1347.93	-0.057065	5.78375	73.7793	-0.010313
2.8152	83.7971	100.775	840.301	1395.19	-0.044837	5.78719	73.7299	-0.011875
2.8162	83.1133	100.775	848.488	1407.21	-0.032609	5.78625	73.5819	-0.012188
2.8172	83.3868	101.188	844.527	1418	-0.028532	5.77219	72.891	-0.011875
2.8182	83.25	101.188	838.473	1403.38	-0.044837	5.75094	72.8937	-0.011583
2.8192	83.5238	100.912	837.674	1366.78	-0.008152	5.72594	72.7924	-0.010313
2.8202	83.25	100.227	834.133	1339.19	-0.018304	5.72156	73.1378	-0.010313
2.8212	83.5238	100.775	831.392	1309.96	-0.024456	5.79187	73.7793	-0.010625
2.8222	83.1133	101.049	831.392	1279.91	-0.040761	5.79219	74.5688	-0.011875
2.8232	83.1133	101.48	831.049	1301.83	-0.038885	5.78844	74.4207	-0.012188
2.8242	82.9785	100.912	835.846	1326.08	-0.040761	5.78844	74.174	-0.011875
2.8252	82.9785	101.049	837.788	1341.92	-0.028532	5.78489	73.7793	-0.010313
2.8262	83.5238	101.049	833.105	1354.49	-0.044837	5.78531	72.8443	-0.014083
2.8272	83.25	100.501	838.702	1351.48	-0.044837	5.78489	72.8417	-0.011583
2.8282	83.1133	101.049	841.329	1349.84	-0.004076	5.78219	72.2496	-0.011875
2.8292	83.5238	100.912	841.671	1356.12	-0.02038	5.78219	72.3976	-0.012188
2.8302	83.1133	101.049	844.412	1355.44	-0.024456	5.77812	73.0884	-0.012188
2.8312	83.1133	101.049	844.298	1351.34	-0.004076	5.77906	73.3845	-0.010313
2.8322	83.25	100.775	841.785	1353.12	-0.004076	5.77781	73.3845	-0.011875
2.8332	83.25	101.049	839.044	1400.1	-0.040761	5.78219	73.4832	-0.011875
2.8342	83.1133	101.323	845.555	1418.41	-0.004076	5.78187	72.9404	-0.013438
2.8352	83.5238	100.775	844.527	1428.79	-0.012228	5.78344	72.8937	-0.011875
2.8362	83.1133	101.049	838.016	1415.67	-0.040761	5.78437	72.1015	-0.010313
2.8372	83.1133	101.049	836.874	1377.7	-0.004076	5.78489	72.2002	-0.012188
2.8382	83.25	101.049	833.219	1347.38	-0.012228	5.78489	72.743	-0.012188
2.8392	83.1133	101.48	829.584	1315.7	-0.028532	5.78719	72.8443	-0.011583
2.8402	83.3868	100.775	830.478	1284.56	-0.004076	5.78656	73.2386	-0.01125
2.8412	83.25	100.912	828.793	1298.35	0.018304	5.78219	73.5819	-0.012813
2.8422	82.4295	101.049	833.904	1281.38	-0.004076	5.79063	73.0884	-0.012813
2.8432	83.1133	101.188	830.582	1288.65	0.02038	5.78906	72.4983	-0.01125
2.8442	83.25	101.323	829.584	1280.29	-0.008152	5.74989	71.3614	-0.012813
2.8452	82.9785	101.188	837.217	1263.93	-0.004076	5.73219	71.018	-0.011583
2.8462	83.5238	101.049	835.732	1286.8	-0.004076	5.73344	70.3251	-0.011583
2.8472	83.3868	100.912	838.245	1272.54	-0.004076	5.80406	70.1771	-0.008125
2.8482	83.6803	100.775	842.813	1282.64	-0.004076	5.79094	69.8838	-0.012813
2.8492	83.25	101.049	844.841	1348.2	-0.004076	5.79656	69.9304	-0.012188
2.8502	82.9785	101.188	850.352	1360.85	0.02038	5.79156	69.585	-0.012188
2.8512	83.5238	100.912	846.24	1413.63	-0.004076	5.79156	69.4369	-0.012188
2.8522	83.5238	101.049	841.9	1419.91	-0.004076	5.79187	68.9435	-0.011583
2.8532	82.8398	100.912	842.128	1381.91	-0.004076	5.78989	69.2889	-0.010938
2.8542	83.25	100.912	836.417	1374.84	0.02038	5.78719	69.1902	-0.010313
2.8552	82.703	101.049	835.603	1346.97	-0.004076	5.78594	69.2889	-0.010313
2.8562	83.5238	100.775	834.133	1325.12	-0.004076	5.78375	69.7823	-0.011583
2.8572	82.9785	100.775	828.879	1303.27	-0.004076	5.78344	70.3251	-0.012813
2.8582	83.3868	100.912	825.11	1282.64	-0.004076	5.78531	70.8212	-0.009688
2.8592	82.8398	100.912	823.511	1297.94	-0.008152	5.78489	70.1771	-0.012188

2.88021	83.3868	101.049	828.65	1328.35	-0.004078	5.78437	70.3251	-0.012813
2.86121	83.25	101.049	834.133	1339.48	-0.004078	5.78531	69.3878	-0.011563
2.86221	82.8398	100.775	833.678	1352.57	-0.004078	5.78989	68.9435	-0.012813
2.86321	82.703	100.912	837.217	1347.79	0.024458	5.78858	68.3513	-0.011875
2.86421	83.25	100.775	839.501	1343.83	-0.004078	5.78989	67.8579	-0.012188
2.86521	82.9785	101.188	838.587	1347.38	0.028532	5.79094	68.0553	-0.010838
2.86621	83.5238	100.775	840.301	1344.79	-0.004078	5.79084	68.2528	-0.01125
2.86721	83.25	101.323	842.128	1340.55	-0.004078	5.79406	68.5487	-0.01125
2.86821	82.703	101.188	840.529	1339.46	-0.004078	5.78594	68.45	-0.010838
2.86921	82.9785	100.775	840.529	1383.99	-0.004078	5.78281	68.5487	-0.007813
2.87021	83.5238	100.912	843.958	1408.85	-0.004078	5.74344	68.0059	-0.012813
2.87121	83.1133	101.049	841.785	1420.32	-0.004078	5.72594	67.4138	-0.010313
2.87221	83.3868	101.049	834.475	1410.48	-0.004078	5.74719	67.4831	-0.010313
2.87321	83.25	101.049	833.219	1371.87	-0.004078	5.80582	66.871	-0.011563
2.87421	82.9785	100.838	830.478	1337.89	-0.004078	5.78584	66.6738	-0.012188
2.87521	82.703	100.501	827.166	1305.86	-0.004078	5.79344	67.1871	-0.011563
2.87621	83.3868	101.188	826.709	1271.31	0.02038	5.79219	67.0884	-0.013438
2.87721	82.8398	101.323	826.366	1279.77	-0.004078	5.79158	67.2184	-0.011563
2.87821	83.5238	100.227	829.783	1314.08	-0.004078	5.79158	66.9897	-0.010838
2.87921	83.3868	100.364	832.782	1328.28	-0.004078	5.78989	66.8243	-0.011563
2.88021	83.3868	101.587	830.364	1347.38	-0.004078	5.79084	66.0321	-0.010313
2.88121	82.9785	101.049	834.818	1344.38	-0.02038	5.78375	65.8887	-0.012188
2.88221	82.9785	100.501	837.559	1340.28	-0.004078	5.78219	65.7381	-0.012813
2.88321	83.25	100.775	838.245	1341.65	-0.004078	5.78281	65.3413	-0.010825
2.88421	83.25	101.049	840.988	1340.28	-0.004078	5.78344	65.292	-0.01125
2.88521	83.25	100.912	841.785	1333.59	-0.004078	5.78875	65.3413	-0.011563
2.88621	83.3868	100.912	838.93	1332.91	-0.004078	5.78594	65.3907	-0.010313
2.88721	83.5238	101.049	836.189	1378.07	0.036885	5.78937	65.0948	-0.01125
2.88821	82.8398	100.775	840.301	1403.11	-0.028532	5.78719	65.1438	-0.012188
2.88921	83.5238	101.049	840.757	1417.59	-0.004078	5.79281	64.5024	-0.012188
2.89021	83.5238	100.912	834.019	1410.48	-0.004078	5.79408	64.2557	-0.011583
2.89121	83.25	100.775	832.782	1372.24	-0.004078	5.79437	64.1077	-0.008438
2.89221	83.25	101.188	828.879	1336.59	-0.008152	5.79437	64.0583	-0.013438
2.89321	83.5238	100.912	824.881	1303.95	0.028532	5.79719	64.3051	-0.012813
2.89421	83.9338	100.775	824.424	1268.71	-0.012228	5.77989	64.3051	-0.012188
2.89521	83.5238	101.188	824.31	1273.77	-0.004078	5.75906	64.2557	-0.012188
2.89621	83.25	100.501	826.422	1308.05	-0.004078	5.73989	64.2557	-0.010313
2.89721	82.703	101.049	832.305	1323.89	-0.004078	5.72437	63.8838	-0.01
2.89821	83.3868	100.775	829.107	1343.83	-0.004078	5.79844	63.4189	-0.010313
2.89921	82.9785	100.912	832.782	1342.6	-0.016304	5.80187	63.0714	-0.011563
2.90021	83.5238	100.775	835.389	1338.37	-0.004078	5.78469	62.726	-0.012188
2.90121	83.25	101.587	836.303	1339.32	-0.012228	5.78844	62.8273	-0.010825
2.90221	83.5238	100.775	839.044	1337.28	-0.008152	5.79584	62.726	-0.010313
2.90321	83.5238	101.049	840.415	1330.72	-0.004078	5.79582	62.7754	-0.010838
2.90421	83.25	100.775	837.788	1330.17	-0.004078	5.79437	63.3182	-0.01125
2.90521	83.3868	100.501	833.804	1389.37	-0.02038	5.79084	62.8273	-0.010838
2.90621	83.25	101.049	838.13	1401.47	-0.004078	5.78813	62.43	-0.013438
2.90721	83.25	100.775	839.158	1413.49	-0.004078	5.79187	62.1832	-0.011875
2.90821	83.25	100.912	831.62	1410.07	-0.004078	5.78844	61.9385	-0.013125
2.90921	83.3868	100.227	830.021	1372.51	0.028532	5.79158	61.8378	-0.01125
2.91021	82.9785	100.775	827.737	1335.09	-0.02038	5.79344	61.7885	-0.012188
2.91121	83.7971	100.227	822.254	1287.56	-0.004078	5.79408	61.9385	-0.010838

2.91221	83.25	101.049	818.371	1248.77	0.02038	5.79408	82.2326	-0.012813
2.91321	83.3868	101.049	821.589	1241.12	-0.004078	5.79584	82.3313	-0.009063
2.91421	83.25	100.227	824.787	1256.15	-0.012228	5.79582	82.1892	-0.012188
2.91521	83.3868	100.501	825.909	1287.35	0.012228	5.79812	81.5418	-0.01125
2.91621	83.5236	100.912	825.795	1274.18	-0.004078	5.79875	81.2457	-0.010938
2.91721	83.5236	101.049	829.336	1286.53	-0.004078	5.80344	80.2588	-0.012188
2.91821	83.5236	101.186	832.305	1307.23	-0.004078	5.80125	80.0614	-0.010313
2.91921	83.5236	100.227	840.186	1341.85	-0.004078	5.79582	59.7854	-0.010313
2.92021	83.5236	101.186	843.858	1352.03	0.040761	5.78989	59.568	-0.013125
2.92121	83.3868	101.597	838.702	1348.89	-0.004078	5.75094	59.8887	-0.010313
2.92221	83.3868	101.049	837.331	1324.44	-0.004078	5.72989	59.4893	-0.01125
2.92321	83.25	101.049	833.904	1340.28	-0.012228	5.78813	59.716	-0.011563
2.92421	82.703	100.912	834.818	1371.97	-0.004078	5.81312	59.716	-0.011563
2.92521	83.25	100.775	837.217	1383.71	-0.004078	5.80408	59.9827	-0.012813
2.92621	82.4295	101.049	830.478	1393.82	-0.004078	5.83031	60.0121	-0.011563
2.92721	82.703	101.48	827.508	1372.24	-0.004078	5.82625	59.568	-0.010313
2.92821	82.703	101.48	822.711	1344.79	-0.004078	5.82781	59.9134	-0.012188
2.92921	83.1133	100.912	818.371	1313.78	-0.004078	5.83084	60.3575	-0.010938
2.93021	83.3868	100.912	819.513	1276.63	0.024456	5.82937	60.5055	-0.012188
2.93121	83.3868	100.364	820.427	1267.35	0.028532	5.82858	60.4582	-0.010938
2.93221	83.7871	100.912	823.625	1301.78	0.02038	5.82858	60.4582	-0.011563
2.93321	83.25	100.501	829.907	1315.83	-0.004078	5.82719	60.1801	-0.012188
2.93421	83.1133	101.049	825.908	1337.14	-0.008152	5.82825	59.3706	-0.010938
2.93521	83.8603	101.049	828.422	1338.37	-0.004078	5.82937	58.8265	-0.00625
2.93621	83.8603	101.049	831.392	1332.91	-0.004078	5.83031	58.7291	-0.010938
2.93721	83.5236	100.638	832.878	1335.84	-0.004078	5.82989	59.0745	-0.011563
2.93821	83.5236	101.049	835.732	1336.05	-0.004078	5.82989	59.568	-0.01125
2.93921	83.3868	101.049	837.559	1332.91	-0.004078	5.83344	59.4893	-0.011875
2.94021	82.703	101.186	835.047	1330.17	-0.004078	5.83719	59.5188	-0.012813
2.94121	83.3868	101.049	830.135	1324.98	-0.004078	5.83584	59.568	-0.012813
2.94221	83.5236	101.049	827.737	1348.81	0.044837	5.83989	59.3213	-0.011563
2.94321	83.25	101.049	831.049	1383.17	-0.004078	5.84084	59.0745	-0.010938
2.94421	83.5236	100.775	834.381	1381.91	-0.004078	5.83531	58.5317	-0.012813
2.94521	82.9785	101.049	827.737	1401.08	-0.012228	5.81344	58.3837	-0.012813
2.94621	83.5236	100.775	828.252	1381.59	-0.004078	5.79219	58.3344	-0.010938
2.94721	83.25	100.775	825.452	1358.13	-0.004078	5.77469	58.3837	-0.012813
2.94821	83.5236	100.775	821.569	1338.32	-0.004078	5.79656	59.2719	-0.011875
2.94921	83.3868	100.912	820.988	1314.88	-0.004078	5.85584	59.3213	-0.013498
2.95021	83.3868	100.912	822.711	1286.3	-0.004078	5.84219	59.5188	-0.012813
2.95121	83.25	100.912	823.168	1287.01	-0.004078	5.84989	59.8147	-0.009688
2.95221	83.25	101.049	822.94	1299.31	-0.004078	5.84408	59.1239	-0.010938
2.95321	82.9785	101.48	828.709	1319.79	0.028532	5.84531	58.7291	-0.012813
2.95421	83.3868	101.48	829.336	1330.45	-0.008152	5.84219	58.8304	-0.01125
2.95521	84.0708	100.912	828.879	1340.42	-0.028532	5.84188	57.9889	-0.010938
2.95621	83.5236	100.838	830.706	1335.36	-0.004078	5.84219	57.9396	-0.012188
2.95721	83.5236	101.049	832.782	1331.81	0.02038	5.83844	57.4955	-0.012813
2.95821	82.9785	101.049	831.734	1336.5	-0.038885	5.83531	57.2488	-0.014063
2.95921	82.9785	101.323	832.077	1337.28	-0.004078	5.83658	57.8903	-0.012188
2.96021	83.5236	100.912	830.935	1338.84	-0.004078	5.83938	58.7291	-0.011563
2.96121	83.25	101.323	828.422	1340.01	-0.004078	5.83908	59.0745	-0.011563
2.96221	83.25	101.323	826.366	1338.59	0.028532	5.84219	59.0745	-0.012188
2.96321	83.3868	101.049	825.452	1331.4	-0.004078	5.84156	58.8772	-0.011563

2.96421	83.3868	89.9526	825.224	1328.13	0.044837	5.84344	58.7291	-0.01125
2.96521	84.0708	101.323	824.31	1324.71	-0.008152	5.84188	58.285	-0.010938
2.96621	82.4295	101.323	824.31	1349.16	-0.004076	5.84687	57.5942	-0.013125
2.96721	83.5238	100.775	827.737	1377.16	-0.004076	5.84719	57.1994	-0.012813
2.96821	82.703	101.186	828.65	1387.54	-0.004076	5.84719	57.1007	-0.010313
2.96921	82.9785	101.049	825.224	1397.92	-0.02038	5.84825	56.8047	-0.01125
2.97021	82.9785	101.597	826.252	1387.27	-0.004076	5.82406	57.4955	-0.010313
2.97121	83.25	100.912	826.823	1372.24	-0.004076	5.80375	57.8929	-0.010625
2.97221	82.9785	101.049	826.823	1360.22	0.02038	5.78656	58.1863	-0.0125
2.97321	83.25	100.775	826.709	1344.11	-0.004076	5.78594	58.7291	-0.011875
2.97421	83.1133	101.597	827.394	1335.84	-0.02038	5.85719	59.0745	-0.011875
2.97521	83.25	100.912	825.452	1334	0.024456	5.85187	59.1239	-0.011583
2.97621	83.7971	101.049	824.539	1332.83	-0.004076	5.85375	58.8772	-0.011583
2.97721	82.9785	101.186	824.787	1332.77	-0.004076	5.85344	58.7785	-0.011583
2.97821	83.25	101.48	825.909	1331.54	-0.004076	5.85594	58.285	-0.012188
2.97921	83.5238	101.597	826.709	1330.45	-0.004076	5.85489	57.8409	-0.010313
2.98021	83.25	100.912	825.795	1314.08	-0.036685	5.84989	58.9034	-0.012813
2.98121	83.5238	101.049	823.986	1295.21	-0.024456	5.85187	57.1994	-0.013125
2.98221	82.9785	100.775	823.168	1292.48	-0.004076	5.8525	57.2981	-0.011583
2.98321	83.3868	100.775	824.905	1267.89	-0.004076	5.85125	58.7553	-0.012188
2.98421	83.5238	100.912	822.254	1261.88	-0.004076	5.85344	58.7553	-0.010938
2.98521	83.1133	101.049	821.911	1258.6	-0.004076	5.85281	58.6073	-0.010313
2.98622	83.5238	100.775	825.11	1261.88	0.028532	5.85437	58.558	-0.012813
2.98722	82.9785	101.049	825.909	1274.45	-0.004076	5.85825	58.8047	-0.01125
2.98822	83.6603	101.049	824.787	1278.98	-0.008152	5.85856	58.8047	-0.012188
2.98922	83.3868	101.049	825.224	1280.48	-0.004076	5.85489	58.7553	-0.013125
2.99022	83.3868	100.775	825.909	1275.88	-0.004076	5.8575	58.8047	-0.012813
2.99122	83.5238	100.775	825.909	1268.44	-0.016304	5.85938	58.2125	-0.012188
2.99222	82.8398	101.323	825.224	1264.07	-0.004076	5.8575	58.5088	-0.012813
2.99322	83.5238	101.049	825.588	1262.88	-0.012228	5.86218	58.9527	-0.011583
2.99422	83.3868	101.186	825.909	1268.39	0.016304	5.86344	58.3112	-0.01125
2.99522	83.25	100.775	823.987	1270.9	-0.012228	5.84989	58.6588	-0.010938
2.99622	83.25	100.501	822.254	1273.53	0.024456	5.82312	58.4099	-0.010625
2.99722	83.5238	100.501	822.483	1274.99	0.032809	5.80312	58.4099	-0.011583
2.99822	83.25	100.775	822.711	1272.26	-0.004076	5.79218	58.708	-0.012188
2.99922	83.5238	100.912	822.254	1268.44	-0.02038	5.87094	58.6588	-0.0125

0	96.664	102.146	19.6455	5.05354	31.724	0.023438	-0.188454	5.08719
0.001	96.527	102.146	19.6455	4.50721	30.974	0.023125	-0.435178	5.07969
0.002	96.664	102.146	19.7597	5.05354	30.4767	0.022813	-0.632557	5.05969
0.003	96.527	102.146	20.2166	5.59887	30.0609	0.02625	-0.287144	5.04156
0.004	96.527	102.146	19.5313	5.05354	29.1601	0.021875	-0.632557	5.03906
0.005	96.39	102.009	19.9881	5.73645	29.7145	0.020938	-0.533867	5.09584
0.006	96.664	102.146	19.8739	5.3287	30.2566	0.018125	-0.435178	5.06594
0.007001	96.527	102.146	19.5313	6.28278	30.4685	0.019688	-0.632557	5.09094
0.008001	96.664	102.009	19.8739	4.78038	30.5175	0.02125	-0.533867	5.08938
0.009001	96.938	102.146	20.445	5.87303	30.4849	0.022188	-0.632557	5.08844
0.010001	95.9791	101.46	20.2166	5.46329	30.5786	0.023125	-0.336488	5.09062
0.011001	96.664	102.146	20.2166	6.00862	30.1384	0.0225	-0.435178	5.08844
0.012001	96.664	102.146	19.6455	5.87303	29.9387	0.022188	-0.829936	5.08969
0.013001	96.664	102.146	19.9881	5.87303	29.6044	0.021875	-0.533867	5.08969
0.014001	96.664	102.146	19.9881	5.87303	29.1479	0.021875	-0.681901	5.08887
0.015001	96.601	102.146	20.2166	5.73645	30.387	0.019688	-0.435178	5.06719
0.016001	96.664	102.146	19.9881	5.87303	30.8556	0.023125	-0.583212	5.06719
0.017001	97.075	102.694	19.6455	5.73645	31.0922	0.022188	-0.435178	5.04719
0.018001	96.527	102.146	19.6455	5.73645	32.0745	0.023438	-0.04042	5.03156
0.019001	96.39	102.146	19.9881	5.05354	31.9848	0.023438	-0.681901	5.07687
0.020001	96.664	102.146	19.7597	5.59887	31.9198	0.020625	-0.484523	5.08094
0.021002	96.527	101.871	19.8739	5.59887	32.2457	0.021875	-0.632557	5.08719
0.022002	96.664	102.146	19.417	5.19012	32.0418	0.020313	-0.681901	5.08719
0.023002	96.664	102.146	19.8739	6.1482	31.9726	0.021875	-0.533867	5.08594
0.024002	96.527	102.146	20.2166	6.00862	30.7783	0.020938	-0.583212	5.08719
0.025002	96.664	102.694	20.9019	6.1482	29.3438	0.020625	-0.829936	5.08887
0.026002	96.664	102.146	19.7597	5.3287	29.8857	0.022188	-0.336488	5.09188
0.027002	96.664	101.871	19.7597	5.3287	30.224	0.021563	-0.533867	5.09125
0.028002	97.212	102.146	19.9881	5.05354	30.6071	0.020938	-0.533867	5.08781
0.029002	96.1161	102.146	19.9881	6.41936	30.7783	0.019688	-0.435178	5.08656
0.030002	97.212	102.831	20.445	6.1482	30.8109	0.022188	-0.435178	5.07094
0.031002	96.664	101.871	19.3028	4.50721	30.868	0.023125	-0.435178	5.05094
0.032002	96.527	101.871	20.445	5.05354	30.8357	0.022188	-0.435178	5.03469
0.033002	96.39	102.146	19.417	5.05354	30.1873	0.022188	-0.435178	5.05656
0.034002	96.527	102.146	20.2166	5.87303	29.9794	0.022188	-0.435178	5.08937
0.035003	96.39	103.105	20.1023	5.46329	29.4689	0.0225	-0.632557	5.08781
0.036003	96.664	102.146	19.7597	5.73645	29.1316	0.024688	-0.87928	5.08938
0.037003	96.527	102.146	19.7597	5.73645	30.0365	0.022188	-0.583212	5.08594
0.038003	96.664	102.694	20.445	5.87303	30.0365	0.021563	-0.583212	5.08344
0.039003	97.075	102.146	20.445	5.73645	30.7783	0.020938	-0.780591	5.08469
0.040003	96.664	102.146	19.9881	5.3287	32.0175	0.020938	-0.681901	5.09094
0.041003	96.601	102.146	19.9881	4.78038	31.8995	0.022188	-0.632557	5.09094
0.042003	95.9791	102.009	20.445	5.59887	31.3408	0.022188	-0.435178	5.09064
0.043003	96.39	102.009	19.9881	5.05354	31.8829	0.019688	-0.484523	5.08469
0.044003	96.664	102.146	19.9881	5.87303	32.2131	0.020938	-0.435178	5.07969
0.045003	96.664	102.009	19.8739	5.05354	31.1896	0.02125	-0.04042	5.05719
0.046003	96.527	102.009	20.2166	6.00862	29.9631	0.024375	-0.583212	5.03656
0.047003	96.39	102.146	19.9881	5.73645	29.959	0.027188	-0.484523	5.03187
0.048004	96.938	102.146	19.7597	5.73645	29.9631	0.020938	-0.336488	5.08281
0.049004	96.527	102.146	19.9881	5.73645	30.1221	0.0225	-0.533867	5.08594
0.050004	96.664	101.871	19.9881	5.87303	30.7131	0.021563	-0.435178	5.09219
0.051004	96.664	102.146	19.8739	6.28278	30.9088	0.021563	-0.435178	5.08844

0.052004	96.664	102.009	20.3308	5.3287	30.7946	0.021583	-0.435178	5.08719
0.053004	96.664	102.146	19.8739	5.3287	30.7294	0.019063	-0.237799	5.08999
0.054004	96.664	102.146	19.8455	4.23405	30.5175	0.019063	-0.929825	5.08844
0.055004	96.527	102.146	19.7697	5.59987	30.2729	0.020938	-0.583212	5.08844
0.056004	97.486	102.557	20.3308	5.59987	29.849	0.020938	-0.583212	5.08594
0.057004	96.527	102.009	19.7697	5.59987	29.3436	0.021875	-0.731246	5.08781
0.058004	96.39	102.009	19.417	5.05354	28.8381	0.024888	-0.435178	5.08844
0.059004	96.664	102.146	19.5313	5.19012	28.6914	0.020313	-0.632557	5.07219
0.060004	96.938	102.894	20.445	5.87303	28.8979	0.020938	-0.632557	5.04719
0.061004	96.938	102.146	20.7876	6.41936	30.3626	0.023438	-0.681901	5.02719
0.062005	96.527	102.146	19.417	5.05354	30.762	0.019688	-0.435178	5.07158
0.063005	96.664	102.009	19.6455	5.05354	31.1044	0.02125	-0.632557	5.09489
0.064005	96.664	102.146	20.445	5.59987	31.3327	0.020938	-0.632557	5.08158
0.065005	96.664	102.009	19.5313	4.78038	31.3816	0.019688	-0.829936	5.08908
0.066005	98.1161	101.597	19.9881	5.05354	31.3164	0.024063	-0.089785	5.08658
0.067005	96.527	102.146	20.1023	5.46329	31.0086	0.022188	-0.237799	5.06687
0.068005	95.8421	101.049	20.3308	5.73645	29.9142	0.023125	-0.632557	5.08188
0.069005	96.39	102.146	19.9881	5.46329	29.1601	0.024063	-0.533867	5.08219
0.070005	96.664	102.009	20.2166	5.59987	29.9142	0.019688	-0.484523	5.08969
0.071005	96.664	101.871	19.7597	5.3287	30.3666	0.019063	-0.583212	5.08719
0.072005	96.938	102.557	19.6455	5.19012	30.599	0.017813	-0.533867	5.08908
0.073005	96.801	101.597	19.9881	5.73645	30.7539	0.020313	-0.237799	5.08344
0.074005	96.664	102.146	20.445	5.59987	30.8313	0.022813	-0.533867	5.06719
0.075005	96.39	102.009	20.6734	5.3287	30.8232	0.024063	-0.435178	5.03719
0.076006	96.664	102.146	19.5313	4.09747	30.8397	0.018438	-1.02731	5.04158
0.077006	96.664	102.009	19.9881	5.3287	30.4645	0.020938	-0.435178	5.09906
0.078006	96.527	102.009	20.2166	5.73645	30.2118	0.021563	-0.435178	5.08844
0.079006	96.664	101.871	20.2166	5.46329	29.7022	0.020938	-0.484523	5.08219
0.080006	96.664	102.009	19.9881	6.1482	29.1827	0.023125	-0.583212	5.08594
0.081006	96.527	102.146	19.5313	5.73645	29.1642	0.019063	-0.533867	5.08875
0.082006	97.212	102.968	20.445	6.41936	30.1139	0.020825	-0.533867	5.09281
0.083006	96.664	102.146	20.5592	6.1482	30.44	0.020938	-0.829936	5.09158
0.084006	96.664	101.871	19.8739	5.59987	30.7213	0.022813	-0.533867	5.09094
0.085006	98.1161	101.323	19.8739	5.87303	31.5039	0.023438	-0.484523	5.08844
0.086006	96.664	101.597	19.9881	5.3287	31.6751	0.021875	-0.484523	5.09158
0.087006	96.39	102.146	19.8739	4.50721	31.349	0.018875	-1.32338	5.06719
0.088006	96.527	102.009	19.9881	5.59987	31.3857	0.020313	-0.287144	5.06489
0.089006	96.938	102.009	20.5592	5.59987	31.1574	0.022188	-0.237799	5.04489
0.090007	96.39	102.146	20.6734	6.00982	30.0609	0.02375	-0.237799	5.03031
0.091007	96.39	101.871	19.9881	5.73645	29.099	0.024375	-0.435178	5.07906
0.092007	95.9791	101.323	19.9881	5.73645	30.0283	0.02	-0.533867	5.09594
0.093007	96.527	102.146	19.8739	5.46329	30.5664	0.022188	-0.435178	5.09062
0.094007	96.664	102.146	19.7597	5.59987	30.9944	0.022188	-0.435178	5.08969
0.095007	96.527	102.146	20.1023	6.00982	31.1819	0.02125	-0.435178	5.08719
0.096007	96.39	101.46	20.7876	6.87303	31.3327	0.020938	-0.632557	5.09158
0.097007	96.39	102.009	19.9881	6.05354	31.4305	0.020313	-0.583212	5.09094
0.098007	96.664	102.009	19.8739	3.8243	31.3879	0.017188	-0.87928	5.09094
0.099007	96.664	102.009	19.6455	5.3287	31.2675	0.020938	-0.632557	5.08969
0.100007	96.664	101.871	20.1023	5.3287	30.9414	0.019688	-0.287144	5.09094
0.101007	96.527	102.146	19.8739	6.87303	30.8153	0.022813	-0.829936	5.09406
0.102007	96.664	102.009	19.417	5.87303	30.0446	0.02625	-0.632557	5.07844
0.103007	98.1161	102.009	20.6734	5.73645	29.8979	0.022813	-0.632557	5.05281

0.104007	96.664	102.146	20.445	5.59967	30.6194	0.022813	-0.435178	5.03187
0.105008	96.527	102.146	20.3306	5.3267	31.1941	0.021563	-0.629936	5.04437
0.106008	96.664	102.146	19.8739	5.3267	31.5202	0.019375	-0.632557	5.10344
0.107008	96.664	101.871	19.9881	6.28278	31.724	0.020838	-0.435178	5.08094
0.108008	96.39	102.146	19.7597	4.50721	31.8136	0.020838	-0.731246	5.08219
0.109008	96.801	102.557	19.7597	4.23405	31.7647	0.018875	-1.02731	5.08687
0.110008	96.801	102.009	19.9881	5.05354	31.402	0.020838	-0.632557	5.08969
0.111008	96.664	101.871	20.2166	5.59967	30.9781	0.021563	-0.13911	5.09406
0.112008	96.527	101.734	19.5313	5.05354	30.4604	0.0225	-0.336488	5.09219
0.113008	96.664	102.146	19.9881	5.73645	29.421	0.022188	-0.632557	5.08844
0.114008	96.664	102.146	19.7597	5.73645	29.3517	0.019688	-0.435178	5.09084
0.115008	96.664	102.146	20.2166	5.46329	29.9794	0.022813	-0.533867	5.09406
0.116008	95.8421	101.597	19.5313	5.59967	30.2566	0.022188	-0.435178	5.09156
0.117008	95.8421	102.694	19.6455	5.59967	30.4767	0.020838	-0.533867	5.08969
0.118008	96.801	102.146	20.2166	5.87303	30.7213	0.022188	-0.484523	5.04437
0.119008	96.39	101.871	19.417	4.23405	30.6683	0.020838	-0.632557	5.03156
0.120009	96.664	102.146	20.2166	4.23405	30.6112	0.019063	-0.435178	5.09188
0.121008	96.527	102.009	19.5313	4.78038	30.8316	0.021875	-0.731246	5.09344
0.122008	96.664	102.146	19.8739	5.3267	30.3463	0.022813	-0.237799	5.08938
0.123008	96.664	102.146	19.9881	5.59967	29.8408	0.022813	-0.484523	5.08969
0.124008	96.664	101.871	20.6592	6.1462	29.3436	0.025938	-0.533867	5.09188
0.125008	95.9791	102.146	20.2166	5.46329	29.6044	0.021563	-0.681901	5.09469
0.126008	96.39	102.146	19.7597	5.87303	30.2566	0.022188	-0.632557	5.09156
0.127008	96.938	102.146	19.7597	5.05354	30.705	0.020313	-0.533867	5.08781
0.128008	96.664	102.146	19.8739	5.87303	31.1126	0.019688	-0.435178	5.08969
0.129008	96.39	101.871	19.9881	6.28278	31.2838	0.019688	-0.632557	5.09281
0.130008	96.664	102.009	19.1888	4.50721	31.3653	0.022188	-0.533867	5.09312
0.131008	96.527	102.146	19.6455	4.50721	31.1941	0.020625	-0.731246	5.08094
0.13201	96.938	101.734	19.417	5.73645	31.1044	0.022813	-0.632557	5.05219
0.13301	96.664	102.146	19.417	5.46329	30.868	0.02375	-0.04042	5.03408
0.13401	96.938	102.146	19.9881	5.59967	30.118	0.023438	-0.237799	5.05156
0.13501	96.664	101.871	19.8739	5.19012	29.5351	0.021875	-0.435178	5.10437
0.13601	96.527	101.871	19.7597	6.00962	28.94	0.021563	-0.237799	5.08906
0.13701	95.9791	102.009	19.7597	5.73645	28.7403	0.019688	-0.435178	5.08908
0.13801	96.938	102.146	19.3028	4.91696	29.2467	0.018125	-0.731246	5.08844
0.13901	96.664	102.146	19.9881	5.3267	29.7919	0.021875	-0.632557	5.08969
0.14001	96.39	102.146	19.7597	6.28278	29.9367	0.021563	-0.435178	5.09062
0.14101	96.527	102.146	19.9881	5.3267	29.955	0.020838	-0.632557	5.08906
0.14201	96.39	102.009	20.445	6.1462	30.1068	0.021875	-0.632557	5.09156
0.14301	96.527	101.871	19.6455	5.3267	30.0609	0.021563	-0.533867	5.09188
0.14401	96.664	102.146	19.7597	5.05354	29.8979	0.021875	0.008824	5.09281
0.14501	96.664	102.146	19.9881	5.73645	29.3925	0.021875	-0.435178	5.08469
0.146011	96.1161	101.46	19.0744	4.91696	28.1438	0.022188	-0.13911	5.06869
0.147011	96.664	102.146	19.8739	5.87303	29.4414	0.020313	-0.435178	5.04219
0.148011	96.801	101.871	19.5313	5.05354	29.7349	0.022813	-0.533867	5.03281
0.149011	96.664	102.146	19.8739	5.3267	30.7131	0.024688	-0.435178	5.08969
0.150011	96.664	102.146	19.9881	5.46329	31.1982	0.02125	-0.681901	5.09156
0.151011	96.527	102.146	19.7597	5.87303	31.0718	0.023438	-0.632557	5.08825
0.152011	96.39	102.146	19.5313	4.50721	31.3164	0.022188	-0.484523	5.08844
0.153011	95.8421	101.46	20.6734	4.23405	32.1153	0.022188	-0.287144	5.09219
0.154011	96.664	102.146	19.5313	5.19012	30.9882	0.019688	-0.484523	5.09094
0.155011	95.9791	102.694	19.3028	4.91696	31.0881	0.020625	-0.13911	5.08906

0.156011	96.39	102.146	20.1023	5.87303	31.2022	0.021563	-0.583212	5.08719
0.157011	96.664	102.146	20.2166	6.28278	30.1343	0.022188	-0.435178	5.08938
0.158011	96.664	102.009	19.9881	5.3267	29.3313	0.019688	-0.338488	5.09312
0.159011	96.664	102.146	19.7597	5.87303	29.474	0.024063	-0.338488	5.09219
0.160012	96.39	101.871	19.7597	5.3267	29.4414	0.022188	-0.583212	5.07344
0.161012	96.39	102.009	20.1023	5.3267	29.9876	0.021563	-0.435178	5.04969
0.162012	95.9791	102.694	19.9881	6.41936	30.3137	0.021563	-0.338488	5.03469
0.163012	96.527	102.146	19.5313	4.78038	30.1873	0.021875	-0.435178	5.05156
0.164012	96.39	102.146	20.445	5.73645	30.4808	0.021563	-0.484523	5.10344
0.165012	95.9791	101.871	19.3028	4.78038	30.3544	0.020938	-0.583212	5.08406
0.166012	96.527	102.009	19.9881	5.3267	29.9957	0.020938	-0.13911	5.09344
0.167012	96.39	102.146	19.7597	5.19012	29.8245	0.022188	-0.484523	5.09312
0.168012	97.212	102.146	20.445	6.41936	29.2743	0.024375	-0.435178	5.09406
0.169012	96.527	102.009	19.6455	5.19012	29.2417	0.022813	-0.484523	5.09188
0.170012	96.664	101.734	20.1023	4.91896	30.2158	0.020313	-0.632557	5.09562
0.171012	97.212	102.557	19.9881	5.87303	30.4889	0.023125	-0.435178	5.09062
0.172012	96.801	102.557	19.9881	5.59987	31.3857	0.019688	-0.533867	5.09437
0.173012	96.527	102.009	19.6455	6.1462	31.5772	0.019688	-0.484523	5.09344
0.174013	96.39	102.146	19.9881	5.3267	31.887	0.020938	-0.435178	5.08844
0.175013	96.664	102.146	20.9019	5.3267	32.1642	0.01875	-0.237799	5.08906
0.176013	96.664	102.009	19.3028	5.3267	32.0419	0.02125	-0.632557	5.04469
0.177013	96.527	102.146	19.1886	5.05354	32.0501	0.021563	-0.287144	5.03531
0.178013	96.527	102.146	19.9881	6.48329	31.8789	0.022188	-0.04042	5.08969
0.179013	97.075	102.694	19.7597	5.59987	30.6887	0.02375	-0.237799	5.08969
0.180013	97.075	102.694	19.9881	5.05354	29.4006	0.021563	-0.533867	5.08969
0.181013	96.801	102.146	19.8739	5.59987	29.8979	0.020625	-0.435178	5.09281
0.182013	96.664	102.146	19.9881	5.73645	29.9635	0.021875	-0.484523	5.09281
0.183013	96.664	102.146	19.9881	5.3267	30.8805	0.020938	-0.632557	5.08969
0.184013	96.664	102.146	19.9881	6.41936	30.8153	0.020625	-0.435178	5.09094
0.185013	96.938	102.694	20.6734	5.59987	30.599	0.022188	-0.533867	5.09219
0.186013	96.664	102.146	19.0744	5.59987	30.6968	0.023125	-0.435178	5.09719
0.187013	96.664	102.146	19.5313	5.05354	30.4522	0.020938	-0.632557	5.08969
0.188014	96.664	102.146	19.9661	5.59987	30.4522	0.022188	-0.04042	5.08906
0.189014	96.664	102.146	19.9661	5.59987	29.7349	0.021563	-0.435178	5.07719
0.190014	97.212	102.694	20.1023	5.87303	28.8626	0.022188	-0.435178	5.05858
0.191014	96.39	102.146	19.8739	5.48329	29.3599	0.023438	-0.13911	5.04094
0.192014	96.527	101.871	19.7597	5.05354	29.4088	0.020625	-0.632557	5.05937
0.193014	96.1181	101.323	19.9881	6.28278	29.9713	0.021563	-0.435178	5.09908
0.194014	96.39	102.146	19.9881	5.87303	30.8191	0.019375	-0.435178	5.08594
0.195014	96.664	102.146	20.3308	7.51202	31.0596	0.022188	-0.533867	5.09406
0.196014	96.527	102.146	19.9881	5.19012	31.2267	0.020938	-0.632557	5.09219
0.197014	96.527	102.146	20.9019	5.87303	31.7036	0.022188	-0.632557	5.09344
0.198014	96.664	102.146	20.1023	5.87303	31.8261	0.02375	-0.435178	5.08781
0.199014	96.938	102.009	19.9881	6.1462	31.4101	0.023125	-0.237799	5.08969
0.200014	96.801	102.009	19.7597	5.59987	31.08	0.023438	-0.435178	5.09469
0.201014	96.39	102.009	19.8739	5.59987	30.2158	0.024688	-0.484523	5.09437
0.202015	96.664	102.146	19.9881	5.87303	29.1071	0.021563	-0.533867	5.09125
0.203015	96.664	102.146	19.9881	5.59987	29.3639	0.019688	-0.632557	5.07969
0.204015	96.664	102.146	20.2166	5.19012	30.281	0.019688	-0.731246	5.05844
0.205015	96.664	102.009	20.1023	6.00662	30.1995	0.022188	-0.533867	5.04281
0.206015	96.938	101.734	20.6734	6.96569	30.2588	0.02375	-0.484523	5.02969
0.207015	96.39	102.146	20.2166	5.73645	30.4604	0.0225	-0.435178	5.08469

0.208015	96.527	102.148	19.8455	5.59987	30.5052	0.022188	-0.336488	5.08887
0.209015	96.684	102.146	19.9881	5.3267	30.2403	0.021563	-0.533887	5.08906
0.210015	95.9791	102.009	20.445	6.00962	29.9713	0.022188	-0.04042	5.08156
0.211015	96.1161	102.009	19.8739	5.05354	29.833	0.020938	-0.435178	5.08781
0.212015	96.527	102.148	19.9881	5.59987	29.1805	0.020938	-0.435178	5.08812
0.213015	96.527	101.734	19.417	4.84379	28.6262	0.019688	-0.97797	5.08489
0.214015	96.527	102.009	20.1023	5.3267	28.3245	0.019688	-0.484523	5.08969
0.215015	96.39	101.871	20.3308	5.59987	29.1927	0.022188	-0.435178	5.08889
0.216016	96.684	101.871	20.2166	4.78038	29.8653	0.0225	-0.484523	5.08906
0.217016	96.684	102.146	20.6734	6.55594	30.3544	0.022188	-0.533887	5.08658
0.218016	95.9791	101.734	19.8739	5.87303	30.7783	0.023438	-0.484523	5.07408
0.219016	96.527	102.148	20.445	5.59987	31.0392	0.024063	-0.435178	5.05344
0.220016	95.8421	101.323	20.2166	5.46329	31.1696	0.023125	-0.533887	5.03489
0.221016	96.684	102.148	20.445	5.46329	31.2022	0.023125	-0.336488	5.04719
0.222016	96.684	101.597	19.7597	6.1462	31.031	0.020938	-0.287144	5.09594
0.223016	96.39	102.148	20.2166	6.00962	30.3177	0.023125	-0.484523	5.08344
0.224016	96.684	102.148	19.9881	5.59987	29.1479	0.023125	-0.632557	5.08889
0.225016	96.684	102.148	19.7597	5.46329	29.4414	0.021563	-0.632557	5.08489
0.226016	96.1161	101.188	19.0744	5.69987	30.0935	0.022188	-0.533887	5.08562
0.227016	96.684	101.734	19.3028	5.19012	30.3893	0.02125	-0.237789	5.08856
0.228016	96.684	102.009	20.2166	6.62911	30.6883	0.020938	-0.533887	5.08906
0.229016	96.684	102.148	19.7597	5.19012	30.7294	0.021563	-0.484523	5.08969
0.230017	96.39	102.148	19.417	5.59987	30.7579	0.022188	-0.484523	5.08969
0.231017	96.684	102.148	19.7597	5.3267	30.7679	0.02125	-0.435178	5.08375
0.232017	96.684	102.148	20.2166	5.59987	30.5884	0.019688	-0.435178	5.08489
0.233017	96.684	102.148	20.3308	5.87303	30.2403	0.023438	-0.435178	5.08906
0.234017	97.075	102.148	20.445	6.28278	29.9631	0.024688	-0.435178	5.04844
0.235017	96.684	102.148	19.9881	5.87303	29.4858	0.027188	-0.385833	5.02844
0.236017	96.684	101.871	19.7597	5.19012	29.046	0.0225	-0.336488	5.07489
0.237017	96.39	102.148	20.2166	5.3267	29.4189	0.02125	-0.632557	5.09094
0.238017	96.2631	102.148	20.3308	6.28278	30.3707	0.020313	-0.484523	5.08938
0.239017	97.212	102.894	20.1023	7.23885	30.7376	0.020313	-0.829936	5.08844
0.240017	96.684	102.009	19.9881	5.19012	31.031	0.020938	-0.533887	5.08489
0.241017	96.527	101.871	20.3308	5.59987	31.349	0.020938	-0.484523	5.08969
0.242017	96.684	102.148	20.6734	5.46329	31.4831	0.021563	-0.632557	5.08781
0.243017	96.39	102.009	20.3308	5.3267	31.3408	0.021563	-0.287144	5.09125
0.244018	96.39	102.148	19.8739	5.73845	31.1778	0.021875	0.255648	5.09094
0.245018	96.39	101.871	19.7597	5.3267	30.6479	0.022813	-0.435178	5.08844
0.246018	97.212	102.894	20.7878	6.1462	29.1275	0.021875	-0.287144	5.08844
0.247018	96.527	102.148	20.3308	5.46329	29.3109	0.019375	-0.583212	5.08344
0.248018	95.9791	101.871	19.9881	5.19012	30.2444	0.02125	-0.435178	5.05969
0.249018	96.684	102.148	20.445	5.59987	30.5338	0.022188	-0.632557	5.03969
0.250018	96.684	102.009	20.2166	5.87303	30.8762	0.021563	-0.533887	5.03531
0.251018	96.684	101.597	19.417	6.1462	31.1696	0.020938	-0.533887	5.08875
0.252018	96.527	101.871	20.445	5.46329	31.3001	0.022813	-0.435178	5.09094
0.253018	96.527	101.734	19.3028	5.05354	30.9414	0.022188	-0.681901	5.08969
0.254018	96.684	102.148	19.9881	4.78038	31.08	0.023438	-0.731246	5.08489
0.255018	96.527	102.009	19.9881	5.59987	31.0066	0.02375	-0.089765	5.08594
0.256018	96.527	102.148	20.1023	5.3267	30.4115	0.02125	-0.632557	5.08938
0.257019	96.684	102.148	20.2166	5.46329	30.0161	0.02375	-0.435178	5.09408
0.258019	96.684	102.148	19.9881	6.46329	29.4984	0.019375	-0.632557	5.09158
0.259019	96.527	102.009	19.8739	6.69987	29.849	0.02125	-0.632557	5.08906

0.260019	96.39	102.146	19.9881	5.59987	30.5012	0.019688	-0.435178	5.08989
0.261019	96.684	102.146	20.2166	5.59253	30.9984	0.019688	-0.435178	5.08989
0.262019	96.2531	101.697	20.3308	5.59987	31.2593	0.020938	-0.632557	5.07469
0.263019	96.801	102.146	19.9881	5.59987	31.3571	0.023125	-0.632557	5.06406
0.264019	97.075	102.694	20.9019	5.59987	31.3816	0.020625	-0.829936	5.02989
0.265019	96.39	101.871	19.3028	4.91686	31.2797	0.02125	-0.435178	5.05856
0.266019	96.39	102.009	19.8455	5.3267	31.0068	0.021563	0.156959	5.10344
0.267019	96.938	102.009	20.1023	5.3267	30.6112	0.020625	-0.632557	5.08989
0.268019	96.527	102.146	20.1023	5.59987	29.7022	0.023438	-0.533867	5.09219
0.269019	96.39	102.146	20.445	5.87303	28.9319	0.020938	-0.435178	5.08938
0.270019	96.527	102.009	20.1023	5.3267	29.3191	0.020938	-0.583212	5.09094
0.27102	96.684	102.146	19.9881	5.3267	29.7267	0.021563	-0.435178	5.09219
0.27202	96.684	102.146	19.9881	5.87303	29.9468	0.019375	-0.533867	5.09219
0.27302	96.39	101.871	19.7597	5.46329	30.2566	0.021875	-0.731246	5.08989
0.27402	96.527	102.146	19.9881	4.50721	30.44	0.023438	-0.435178	5.09406
0.27502	96.684	102.146	19.417	4.50721	30.3829	0.020313	-0.97797	5.09094
0.27602	96.684	102.146	19.8455	5.05354	30.3381	0.019688	-0.632557	5.08989
0.27702	96.684	102.146	19.9881	5.73645	30.224	0.022188	-0.435178	5.08989
0.27802	96.39	102.146	19.9881	5.59987	29.959	0.023125	-0.731246	5.04531
0.27902	96.938	102.146	19.7697	6.00962	29.5147	0.022813	-0.861901	5.02669
0.28002	97.486	102.146	19.7697	5.3267	28.983	0.020938	-0.731246	5.07781
0.28102	96.39	102.146	19.6313	5.69887	29.474	0.01875	-0.533867	5.09669
0.28202	96.527	102.146	19.7597	5.69887	30.1588	0.022188	-0.632557	5.08938
0.28302	96.527	102.009	20.2166	6.41936	30.5745	0.022813	-0.632557	5.09156
0.28402	97.212	102.42	19.9881	5.73645	30.8006	0.023438	-0.533867	5.09094
0.285021	96.39	102.146	19.9881	5.19012	31.1207	0.022813	-0.484523	5.09658
0.286021	96.684	102.146	19.8739	5.05354	31.1533	0.019688	-0.780591	5.09594
0.287021	97.212	102.831	19.9881	5.87303	31.1126	0.023438	-0.435178	5.09406
0.288021	96.684	101.871	19.5313	5.05354	30.8586	0.01875	-0.237799	5.09219
0.289021	96.938	102.42	20.3308	5.59987	30.548	0.021563	-0.632557	5.09437
0.290021	96.527	102.146	19.7597	5.73645	30.0385	0.024063	-0.435178	5.09406
0.291021	96.684	102.146	19.7597	5.3267	29.3599	0.021563	-0.435178	5.08844
0.292021	96.684	102.146	19.9881	6.28278	28.561	0.024063	-0.435178	5.06469
0.293021	96.39	102.009	19.0744	5.3267	28.7485	0.022813	-0.336488	5.04344
0.294021	96.39	102.146	20.1023	5.3267	29.3273	0.021563	-0.533867	5.03781
0.295021	96.527	102.146	19.8739	5.19012	29.4994	0.020938	-0.583212	5.10094
0.296021	96.938	101.734	20.1023	5.19012	29.7186	0.020313	-0.484523	5.08469
0.297021	96.527	102.146	18.8459	3.8243	29.9631	0.017188	-1.07666	5.08906
0.298021	96.938	102.694	19.8739	6.00962	29.8653	0.021875	-0.533867	5.09406
0.299022	96.527	102.146	19.8739	5.3267	29.955	0.023125	-0.237799	5.09594
0.300022	96.39	101.871	19.3028	5.3267	29.8449	0.022813	-0.385833	5.09876
0.301022	96.684	102.146	19.9881	5.46329	29.258	0.025313	-0.435178	5.09281
0.302022	96.684	102.146	19.8455	5.46329	29.0501	0.022813	-0.533867	5.09219
0.303022	96.39	102.146	19.8455	5.19012	29.2783	0.021875	-0.533867	5.09406
0.304022	96.684	102.009	20.2166	5.05354	29.8327	0.020938	-0.533867	5.09469
0.305022	96.938	102.146	19.9881	5.19012	30.6071	0.02	-0.533867	5.09344
0.306022	96.684	102.009	19.5313	5.46329	31.0147	0.020938	-0.533867	5.07969
0.307022	96.39	101.871	19.7597	4.78036	30.9984	0.020938	-0.533867	5.06656
0.308022	96.39	102.146	19.1886	3.96088	31.2797	0.020313	-0.829936	5.03844
0.309022	96.39	102.009	19.5313	5.3267	31.406	0.024063	-0.435178	5.05219
0.310022	96.39	102.009	19.9881	5.73645	31.2348	0.023125	-0.04042	5.10313
0.311022	96.39	102.009	19.5313	5.19012	30.974	0.022168	-0.435178	5.08719

0.312022	96.5681	101.597	19.8739	6.28278	30.7946	0.024063	-0.435178	5.09219
0.313023	96.39	102.146	20.2166	5.73645	30.1751	0.020938	-0.484523	5.09219
0.314023	96.39	102.009	19.7597	5.05354	29.2946	0.02125	-0.336488	5.09064
0.315023	96.1161	101.323	19.6455	5.69887	29.0012	0.021563	-0.583212	5.09062
0.316023	96.39	101.871	19.6455	5.69887	29.4373	0.019375	-0.435178	5.09062
0.317023	96.664	102.009	19.417	6.1462	29.7919	0.020313	-0.632557	5.09261
0.318023	96.664	101.597	19.1886	6.00962	30.0365	0.02125	-0.435178	5.09261
0.319023	96.39	102.146	18.9602	4.09747	30.1099	0.019063	-0.928625	5.08969
0.320023	96.664	102.146	19.7597	5.59967	30.224	0.022189	-0.632557	5.08437
0.321023	96.664	102.146	20.1023	5.73645	30.0406	0.024375	-0.237799	5.06219
0.322023	96.527	102.146	19.7597	5.59967	29.649	0.022189	-0.435178	5.04906
0.323023	96.664	102.146	19.9881	6.28278	29.7512	0.022188	-0.681901	5.03281
0.324023	97.212	102.694	20.6734	6.41936	29.0949	0.022188	-0.632557	5.07031
0.325023	96.664	102.146	20.1023	5.59967	28.7403	0.021563	-0.633867	5.09469
0.326023	96.664	102.146	19.417	5.87303	30.0609	0.019686	-0.632557	5.08469
0.327024	97.075	102.146	20.2166	6.00962	30.4671	0.021875	-0.632557	5.08062
0.328024	96.527	102.009	20.2166	5.46329	30.7131	0.023438	-0.435178	5.08656
0.329024	96.527	102.146	19.6455	4.78038	31.6914	0.021563	-0.583212	5.08719
0.330024	96.664	102.009	19.7597	4.64379	31.3653	0.017813	-1.126	5.08406
0.331024	96.664	102.009	19.5313	5.19012	31.6425	0.02125	-0.632557	5.08625
0.332024	96.2531	101.323	19.5313	6.28278	32.2131	0.023438	0.068269	5.08969
0.333024	96.39	101.871	19.7597	5.87303	31.3816	0.021563	-0.583212	5.08844
0.334024	96.39	102.146	20.3306	5.87303	31.5526	0.024688	-0.583212	5.08906
0.335024	96.39	102.146	19.5313	6.00962	31.0229	0.020313	-0.484523	5.07869
0.336024	96.664	102.009	19.7597	5.3267	29.0664	0.020313	-0.336488	5.08094
0.337024	97.212	102.694	20.3306	6.1462	29.5963	0.021875	-0.731246	5.03719
0.338024	96.527	101.871	19.8739	6.1462	29.8653	0.022813	-0.632557	5.02938
0.339024	96.664	102.146	19.9881	6.41936	29.9468	0.023438	-0.681901	5.08469
0.340024	96.2531	102.694	20.2166	5.59967	30.6801	0.021563	-0.435178	5.08344
0.341025	96.527	102.009	20.2166	5.05354	30.4115	0.017813	-0.484523	5.08969
0.342025	96.39	102.146	19.1886	4.78038	30.1995	0.021563	-0.632557	5.08781
0.343025	96.664	101.871	19.3028	5.05354	30.4359	0.019686	-0.287144	5.08187
0.344025	96.664	102.146	19.8739	5.59967	29.9916	0.021875	-0.435178	5.08281
0.345025	96.664	102.009	19.8739	5.59967	29.796	0.02125	-0.533867	5.08406
0.346025	96.664	102.146	19.9881	5.87303	29.1153	0.021875	-0.683212	5.08594
0.347025	96.801	102.009	19.8739	5.3267	28.9115	0.020313	-0.633867	5.08844
0.348025	96.664	102.146	19.7597	5.3267	29.1764	0.020938	-0.435178	5.08687
0.349025	96.801	102.146	19.9881	5.05354	29.7349	0.021563	-0.435178	5.08437
0.350025	96.664	102.831	19.9881	6.1462	30.4671	0.021875	-0.533867	5.07406
0.351025	96.664	102.146	19.9881	4.78038	30.7946	0.022188	-0.632557	5.05219
0.352025	96.664	102.009	20.3306	4.23405	30.9495	0.022813	-0.632557	5.03687
0.353025	96.664	102.146	20.445	5.05354	31.512	0.022188	-0.583212	5.04344
0.354025	96.664	101.871	20.2166	4.78038	31.4427	0.019686	-0.13911	5.09719
0.355025	96.664	102.146	19.8739	5.59967	31.2675	0.021875	-0.533867	5.08406
0.356025	96.664	102.009	20.445	5.87303	31.3531	0.027188	-0.533867	5.08844
0.357025	96.527	102.009	19.9881	5.73645	30.3218	0.021875	-0.829836	5.08219
0.358025	97.212	102.668	20.2166	6.00962	29.0297	0.022188	-0.484523	5.08344
0.359025	96.527	102.146	20.3306	5.87303	29.2661	0.020938	-0.484523	5.08656
0.360025	96.664	102.146	19.9881	5.3267	30.1221	0.019063	-0.533867	5.08812
0.361025	96.39	102.146	20.3306	6.55594	29.9794	0.02125	-0.435178	5.08938
0.362025	96.527	101.871	20.3306	5.19012	30.1669	0.020938	-0.533867	5.08469
0.363025	96.936	102.146	20.9019	5.59967	30.5012	0.020313	-0.435178	5.08562

0.364026	96.664	102.009	19.5313	5.05354	30.4199	0.017813	-0.484523	5.08562
0.365026	96.39	101.597	20.3308	5.46329	30.2118	0.022188	-0.435178	5.08969
0.366026	96.664	102.146	19.9881	6.1482	30.0569	0.024688	-0.484523	5.04781
0.367026	96.39	102.009	19.9881	6.1482	29.7797	0.024688	-0.435178	5.02812
0.368026	96.801	102.557	20.2166	5.3267	29.2783	0.024063	-0.435178	5.06844
0.369027	96.664	102.146	20.5582	6.1482	28.7588	0.023125	-0.435178	5.09469
0.370027	96.664	102.009	19.9881	5.87303	28.3042	0.020938	-0.583212	5.08906
0.371027	96.664	102.146	19.6455	5.05354	28.7321	0.019375	-0.435178	5.08719
0.372027	96.664	102.146	19.8739	6.28278	29.7022	0.020313	-0.632557	5.08344
0.373027	96.664	102.009	19.7597	5.05354	30.0854	0.019375	-0.533867	5.08531
0.374027	96.39	101.597	19.9881	5.59987	30.6318	0.020938	-0.237799	5.09219
0.375027	96.664	102.146	20.2166	5.3267	30.9189	0.019688	-0.632557	5.08875
0.376027	96.527	102.009	19.8739	5.59987	31.1493	0.0225	-0.13911	5.08906
0.377027	96.664	102.146	19.9881	5.59987	31.1615	0.022813	-0.484523	5.08656
0.378027	96.39	102.009	20.1023	5.46329	30.9088	0.023438	-0.583212	5.08719
0.379027	96.664	102.146	19.9881	5.73645	30.4522	0.020313	-0.484523	5.07969
0.380027	96.39	102.009	19.5313	5.3267	29.2783	0.020313	-0.435178	5.05844
0.381027	96.527	101.871	20.445	5.73645	29.0827	0.022188	-0.435178	5.03719
0.382028	96.39	102.146	19.9881	5.59987	29.8164	0.02125	-0.632557	5.02969
0.383028	96.664	101.871	19.9881	6.96568	30.0635	0.019688	-0.583212	5.08219
0.384028	96.938	101.871	19.9881	6.73645	30.3544	0.021563	-0.583212	5.08219
0.385028	96.938	101.871	21.1303	5.46329	30.5745	0.023438	-0.731246	5.08261
0.386028	96.39	101.323	19.6455	5.73645	30.8318	0.021875	-0.533867	5.08564
0.387028	96.527	102.146	19.9881	6.59987	30.5684	0.019688	-0.089765	5.08469
0.388028	96.664	101.871	20.445	6.00962	30.3707	0.022188	-0.435178	5.08969
0.389028	96.39	101.871	20.445	6.41936	30.1751	0.021563	-0.533867	5.08219
0.390028	96.39	102.009	19.8739	5.3267	29.9081	0.022188	-0.435178	5.08219
0.391028	96.527	102.146	19.9881	5.87303	29.474	0.020625	-0.533867	5.08844
0.392028	96.664	102.146	20.3308	6.00962	28.9971	0.019688	-0.484523	5.08969
0.393028	96.664	101.871	20.445	6.87303	29.0705	0.021563	-0.731246	5.09094
0.394028	96.39	101.871	20.2166	6.41936	29.8734	0.021563	-0.533867	5.07969
0.395028	96.527	102.968	20.3308	5.19012	30.1995	0.02125	-0.435178	5.05406
0.396028	96.39	102.146	20.445	5.87303	30.9899	0.022188	-0.533867	5.03469
0.397028	96.527	102.146	20.445	5.3267	31.137	0.021563	-0.583212	5.04469
0.398028	95.8421	101.323	19.9881	5.73645	31.0963	0.02125	-0.435178	5.10219
0.399028	97.349	102.694	19.9881	5.87303	31.3571	0.020938	-0.632557	5.08969
0.400029	96.664	101.871	20.2166	4.78038	31.2834	0.0225	-0.435178	5.09344
0.401029	96.664	101.871	19.8739	5.19012	30.5501	0.020313	-0.681901	5.09219
0.402029	96.1161	101.871	19.9881	5.73645	29.5922	0.021563	-0.731246	5.09158
0.403029	96.664	102.146	20.445	5.19012	29.1724	0.02125	-0.632557	5.09469
0.404029	96.664	101.597	19.417	4.78038	29.6778	0.019688	-0.435178	5.08219
0.405029	96.664	102.146	19.6455	5.87303	30.0528	0.021875	-0.533867	5.08969
0.406029	96.664	102.146	20.3308	5.46329	30.782	0.020625	-0.435178	5.08969
0.407029	96.664	102.146	21.1303	5.19012	30.868	0.020938	-0.533867	5.09069
0.408029	96.527	102.009	19.1886	5.05354	30.8435	0.020938	-0.583212	5.09188
0.409029	96.664	102.146	20.2166	5.3267	31.1166	0.019375	0.107814	5.07813
0.41003	96.801	102.146	20.2166	5.59987	31.0718	0.022188	-0.237799	5.04969
0.41103	96.664	102.009	20.2166	5.59987	30.8395	0.021563	-0.435178	5.03469
0.41203	96.664	102.146	20.445	5.59987	30.4849	0.023438	-0.435178	5.08969
0.41303	96.801	102.42	21.1303	6.00962	30.171	0.019688	-0.632557	5.10469
0.41403	96.1161	101.597	19.0744	5.59987	29.6696	0.02125	-0.533867	5.09062
0.41503	97.075	102.694	20.7878	6.69253	29.3843	0.023125	-0.533867	5.09281

0.41603	96.1161	101.46	19.8739	6.89253	30.1099	0.023438	-0.435178	5.09281
0.41703	96.664	102.146	20.1023	5.87303	30.6968	0.021563	-0.632557	5.09406
0.41803	96.664	102.009	20.5592	5.3267	31.08	0.019688	-0.484523	5.09812
0.41903	96.527	102.146	19.9881	5.59987	31.2185	0.02125	-0.435178	5.09219
0.42003	96.801	102.009	20.3308	5.73645	31.4305	0.020313	-0.04042	5.09344
0.42103	96.938	102.694	20.2166	6.1462	31.4223	0.021875	-0.484523	5.09489
0.42203	96.39	102.146	20.3308	5.59987	31.0147	0.023438	-0.632557	5.09594
0.42303	97.075	102.146	19.9881	5.59987	30.7743	0.023438	-0.632557	5.09094
0.42403	96.527	102.146	19.7597	4.78038	30.2403	0.022813	-0.435178	5.06844
0.42503	95.8421	101.46	19.7597	6.1462	29.2783	0.021875	-0.287144	5.04875
0.42603	96.664	102.146	20.3308	5.73645	28.9237	0.022188	-0.533867	5.03719
0.42703	96.527	102.146	19.9881	6.1462	29.4332	0.019688	-0.435178	5.08938
0.42803	96.664	102.146	20.445	5.19012	29.8897	0.0225	-0.435178	5.09594
0.42903	96.664	102.146	20.445	5.59987	30.2077	0.017813	-0.533867	5.09312
0.43003	96.39	102.146	19.3028	6.05354	30.3503	0.019688	-0.533867	5.09344
0.43103	96.664	102.146	19.9881	5.46329	30.3585	0.022188	-0.435178	5.09312
0.43203	96.39	101.871	19.7597	6.3267	30.4196	0.02125	-0.237799	5.09662
0.43303	95.5881	101.46	19.0744	5.19012	30.3628	0.02375	-0.533867	5.09281
0.43403	96.664	102.009	19.7597	5.3267	30.1889	0.024888	-0.287144	5.09094
0.43503	96.801	102.42	20.5592	6.89253	29.7875	0.02125	-0.632557	5.09437
0.43603	96.664	102.146	20.445	5.87303	29.258	0.020625	-0.533867	5.09844
0.43703	96.664	101.871	19.9881	5.46329	29.1318	0.020938	-0.632557	5.09582
0.43803	96.527	101.871	19.9881	6.41836	29.8775	0.02125	-0.731246	5.08406
0.43903	96.664	102.146	19.5313	4.50721	30.3789	0.022188	-0.484523	5.06156
0.44003	96.664	102.009	19.5313	5.3267	30.7783	0.022813	-0.533867	5.04781
0.44103	96.39	101.871	19.8455	4.84379	31.0229	0.02125	-0.435178	5.03906
0.44203	96.664	101.871	19.9881	5.3267	31.2185	0.0225	-0.237799	5.09594
0.44303	96.527	102.146	20.1023	5.59987	31.1452	0.022188	-0.435178	5.08969
0.44403	96.527	101.871	19.0744	4.50721	30.9984	0.021563	-0.435178	5.09156
0.44503	96.664	102.009	19.5313	6.05354	30.7783	0.021875	-0.287144	5.09344
0.44603	96.664	102.146	19.9881	6.87303	30.2586	0.020938	-0.87928	5.09219
0.44703	96.1161	101.597	19.8455	4.23405	29.69	0.020938	-0.533867	5.09094
0.44803	96.664	102.146	20.2166	5.73645	28.9278	0.019688	-0.533867	5.08969
0.44903	96.2531	102.146	20.3308	5.87303	28.5773	0.022188	-0.13911	5.09156
0.45003	96.1161	101.597	19.417	4.78038	28.9688	0.021875	-0.533867	5.09344
0.45103	95.8421	101.46	19.7597	4.78038	29.2498	0.020938	-0.731246	5.09344
0.45203	96.664	102.146	19.7597	4.78038	29.7063	0.022813	-0.435178	5.08781
0.45303	96.664	102.146	19.5313	4.78038	29.6612	0.021563	-0.533867	5.07584
0.45403	96.664	102.009	20.2166	5.73645	29.7918	0.021563	0.156959	5.0675
0.45503	96.527	102.146	19.8739	5.59987	29.9509	0.022813	-0.632557	5.09969
0.45603	96.39	101.871	19.5313	5.3267	29.6819	0.025938	-0.435178	5.03844
0.45703	96.664	102.146	20.2166	5.05354	29.3191	0.019688	-0.435178	5.09719
0.45803	96.527	101.871	19.7597	5.73645	29.2539	0.020938	-0.435178	5.08594
0.45903	96.664	102.009	19.9881	5.3267	28.724	0.02125	-0.583212	5.09094
0.46003	97.212	102.694	19.9881	6.89253	29.3436	0.021563	-0.533867	5.08844
0.46103	96.39	102.146	19.7597	4.91696	30.1588	0.022188	-0.533867	5.08469
0.46203	96.527	102.009	19.3028	4.64379	30.5175	0.022188	-0.435178	5.08582
0.46303	96.39	102.146	20.1023	5.05354	30.7253	0.02125	-0.829936	5.08406
0.46403	97.212	102.42	19.5313	5.58887	31.2267	0.02125	-0.435178	5.08781
0.46503	96.39	102.146	19.8739	4.78038	31.1819	0.02125	-0.484523	5.08869
0.46603	96.527	102.146	19.5313	5.19012	31.0514	0.02125	-0.435178	5.08906
0.46703	96.801	102.146	19.9881	5.46329	31.0718	0.021563	-0.435178	5.08594

0.468034	96.527	102.009	19.7597	5.59987	30.7213	0.02375	-0.583212	5.07719
0.469034	97.212	102.694	19.5313	5.05354	30.2484	0.024083	-0.583212	5.05344
0.470034	96.39	102.146	19.8739	5.59987	29.8245	0.022613	-0.533887	5.03219
0.471034	96.527	102.009	19.5313	5.87303	28.8748	0.022188	-0.435178	5.04281
0.472034	96.664	102.146	19.7597	5.05354	28.9849	0.021563	-0.632557	5.09344
0.473034	96.664	102.009	20.6734	5.87303	29.5963	0.021563	-0.780591	5.08406
0.474034	95.8421	101.323	18.9602	4.91696	28.8327	0.020625	-0.632557	5.08875
0.475034	96.664	102.146	19.8739	5.59987	29.8816	0.022813	-0.533887	5.08489
0.476034	96.664	102.009	19.9881	5.87303	30.1914	0.019888	-0.089785	5.08344
0.477034	96.664	102.146	19.8739	6.00982	30.2321	0.020825	-0.632557	5.08531
0.478034	96.938	102.146	19.8739	5.46329	29.8224	0.023438	-0.13911	5.08908
0.479034	96.664	102.146	20.3308	6.00982	29.8452	0.0225	-0.731248	5.08719
0.480035	96.664	102.146	20.2166	6.41936	29.4414	0.022813	-0.484523	5.08584
0.481035	96.39	102.146	19.9881	5.73645	28.9033	0.021875	-0.533887	5.08313
0.482035	95.8421	101.186	19.5313	6.1462	29.3395	0.020938	-0.435178	5.08658
0.483035	96.664	101.871	19.9881	6.00982	29.959	0.022813	-0.484523	5.07375
0.484035	96.527	102.009	19.9881	5.05354	30.6071	0.022813	-0.287144	5.04989
0.485035	96.801	102.009	20.3308	5.3267	31.243	0.022188	0.206303	5.02906
0.486035	95.8421	101.46	20.6734	5.73645	31.3853	0.019888	1.09451	5.05875
0.487035	96.938	102.146	19.7597	5.46329	31.8425	0.022188	1.8373	5.09531
0.488035	96.664	102.557	20.445	5.87303	32.1112	0.022188	2.42681	5.08719
0.489035	96.39	102.146	19.9881	5.87303	31.7851	0.024688	2.82419	5.08781
0.490035	96.527	102.009	19.9881	5.73645	31.8688	0.020938	3.21833	5.06344
0.491035	96.664	102.146	19.9881	6.00982	31.2308	0.022813	3.5124	5.08489
0.492035	96.664	102.009	19.9881	5.59987	30.2874	0.020625	3.88043	5.08989
0.493035	96.664	102.146	19.9881	6.41936	29.1234	0.019375	3.75912	5.08869
0.494036	96.664	102.146	20.445	5.05354	29.6658	0.021563	3.88043	5.08856
0.495036	96.664	102.146	20.6734	5.73645	30.0589	0.020625	3.31502	5.08719
0.496036	96.664	102.146	19.417	4.84379	30.2444	0.017188	3.28567	5.08562
0.497036	96.39	101.871	19.7597	6.00982	30.8479	0.020938	3.48305	5.08584
0.498036	96.664	101.186	19.9881	5.59987	30.2892	0.089062	3.70978	4.88281
0.499036	96.1161	102.146	19.8739	5.05354	30.4359	5.22594	3.0683	4.23989
0.500036	96.664	101.871	19.8739	5.73645	30.4186	5.01084	3.21833	4.38281
0.501036	96.664	102.146	20.2166	5.59987	29.7022	5.21219	3.31502	4.40084
0.502036	96.39	102.146	20.1023	5.73645	29.6881	5.27844	3.36438	4.45489
0.503036	96.664	102.146	20.445	5.59987	29.0827	5.31989	2.87092	4.45989
0.504036	96.1161	101.734	20.2166	5.87303	28.5854	5.38812	3.31502	4.47719
0.505036	96.664	102.088	20.2166	5.87303	29.5881	5.40219	3.48305	4.48584
0.506036	96.664	101.46	19.9881	5.87303	29.9305	5.43719	3.80847	4.49887
0.507037	96.664	102.009	20.7876	4.78038	30.8318	5.46719	3.81109	4.50858
0.508037	96.527	102.146	19.9881	5.87303	31.0229	5.49869	4.25257	4.51719
0.509037	96.664	102.146	19.8455	5.59987	31.0147	5.52719	4.59798	4.52812
0.510037	96.527	102.009	20.445	5.87303	31.5813	5.55219	4.4006	4.53594
0.511037	96.1161	101.871	20.6734	6.41936	31.3938	5.58187	4.54864	4.54408
0.512037	96.664	102.146	20.445	5.46329	31.406	5.59719	4.84733	4.54969
0.513037	96.664	102.146	19.9881	5.05354	31.1859	5.58781	4.49928	4.53719
0.514037	96.39	102.146	20.3308	5.87303	29.4251	5.59844	4.89667	4.52969
0.515037	96.664	102.009	20.2166	6.00982	29.1801	5.80344	4.89667	4.52344
0.516037	96.527	102.146	19.7597	6.1462	29.6207	5.67094	4.89667	4.57219
0.517037	96.801	102.146	20.7876	5.59987	29.8449	5.70719	4.59785	4.58719
0.518037	97.212	102.146	18.0744	4.91696	30.1139	5.71658	4.44985	4.58844
0.519037	96.664	102.146	19.9881	6.28278	30.4186	5.73837	4.89274	4.59906

0.520037	95.9791	101.871	20.2188	8.98568	30.3177	5.75594	5.33815	4.80489
0.521038	96.884	102.148	19.8739	7.51202	30.387	5.77219	4.88667	4.81094
0.522038	96.938	102.148	20.445	7.23885	30.1832	5.79158	4.89405	4.81875
0.523038	96.527	102.148	20.9019	8.87784	29.8327	5.80406	4.89667	4.82219
0.524038	96.39	102.148	20.5592	8.80488	29.4944	5.82158	4.89667	4.82656
0.525038	96.884	102.148	20.6734	9.58075	29.0175	5.83531	4.89274	4.83312
0.526038	96.884	102.148	20.6734	9.151	28.4264	5.85156	4.89274	4.84156
0.527038	96.527	102.148	19.9881	10.5168	28.1452	5.86312	4.89667	4.84218
0.528038	96.527	101.871	20.2188	9.9705	29.0582	5.85125	4.89405	4.82781
0.529038	96.884	102.009	21.0161	9.01442	29.7875	5.83844	4.4006	4.80969
0.530038	96.1161	101.597	20.3308	8.89733	30.2892	5.8425	5.04208	4.80781
0.531038	96.39	102.148	20.9019	10.1071	30.5093	5.91781	5.14077	4.88594
0.532038	96.801	102.009	20.6734	8.89733	30.7783	5.93313	5.19012	4.88937
0.533038	96.938	101.734	21.0161	9.151	30.9414	5.94937	5.19012	4.87856
0.534038	96.884	102.148	20.9019	8.89733	31.0392	5.95781	5.3875	4.88219
0.535038	96.884	102.148	21.2445	9.28759	30.7783	5.96844	5.3875	4.88594
0.536038	96.39	102.894	21.5872	9.89733	29.959	5.98125	5.3875	4.89031
0.537038	96.884	101.48	20.6734	9.58075	28.9188	5.99094	5.68357	4.89489
0.538038	96.884	102.657	20.9019	9.01442	28.1153	8.00219	6.78226	4.89889
0.539038	96.527	102.148	21.1303	8.05835	29.798	8.01408	5.8316	4.70375
0.540038	96.527	101.734	20.6734	8.18493	30.0935	8.02489	5.3875	4.70781
0.541038	96.527	102.148	21.2445	8.80488	30.5093	8.03489	6.02896	4.70844
0.542038	95.8421	102.148	21.8156	9.58075	30.5582	8.03989	6.76915	4.71219
0.543038	96.39	102.009	21.473	9.89733	30.4115	6.02375	6.52242	4.89531
0.544038	96.938	102.009	21.473	10.2437	30.4359	6.01281	6.82111	4.88344
0.545038	96.2531	102.148	22.2725	10.79	30.387	6.01408	7.16391	4.88344
0.546038	87.488	101.597	21.8156	11.8826	30.012	6.08781	7.36128	4.73969
0.547038	96.938	102.009	22.2725	12.9753	28.7348	6.08375	7.31194	4.73594
0.548038	96.527	101.597	22.2725	12.9753	28.3843	6.10408	7.45997	4.74156
0.54904	96.884	102.148	22.2725	15.4338	28.8504	6.11158	7.65735	4.74856
0.55004	87.212	101.871	23.1882	14.8875	29.0338	6.12281	7.90408	4.74969
0.55104	96.884	102.009	22.2725	15.1606	30.1669	6.13219	7.55886	4.75719
0.55204	96.527	102.009	22.6151	16.5264	30.4889	6.14408	8.24849	4.75969
0.55304	96.884	102.009	23.5289	18.302	30.7418	6.15158	8.74294	4.76489
0.55404	96.884	102.148	23.1882	18.8483	31.349	6.15812	8.5949	4.76856
0.55504	96.39	102.148	23.3004	19.2581	31.3001	6.17084	8.54556	4.77469
0.55604	87.075	101.871	24.3284	19.8044	31.0229	6.17858	8.64425	4.77594
0.55704	96.527	101.48	24.3284	20.0776	31.2185	6.18408	8.98968	4.78281
0.55804	96.884	102.009	24.4426	20.2142	30.548	6.14844	9.33507	4.74844
0.55904	96.39	102.831	25.2421	21.4434	28.9359	6.13584	9.38442	4.73344
0.56004	96.884	102.009	25.0137	20.8239	29.1479	6.14719	9.5818	4.74489
0.56104	96.884	102.148	25.4706	19.3947	30.0365	6.22781	9.82852	4.80375
0.56204	96.884	102.148	26.3843	20.0776	30.1221	6.22408	10.1248	4.80156
0.563041	96.527	102.009	25.8132	20.2142	30.5827	6.23312	10.322	4.80344
0.564041	96.884	102.148	26.8412	20.8239	30.9251	6.23989	10.618	4.80656
0.565041	96.527	102.009	26.3843	20.4873	30.8782	6.24489	10.47	4.80781
0.566041	96.884	101.871	28.4402	20.0776	30.8435	6.25989	10.5887	4.81489
0.567041	96.884	102.148	28.4402	21.0337	30.974	6.26489	10.618	4.81989
0.568041	96.884	102.009	28.6887	20.8971	30.8435	6.27344	10.7861	4.82469
0.569041	96.884	102.148	29.0113	21.0337	30.2974	6.28219	10.9141	4.82969
0.570041	96.884	102.148	29.5824	21.4434	29.9224	6.28875	10.7861	4.83344
0.571041	96.884	102.148	30.2877	23.0824	29.3589	6.28312	10.618	4.83344

0.572041	96.884	102.146	30.8388	22.8092	29.474	6.27582	10.8154	4.81781
0.573041	96.884	102.008	30.4982	21.58	30.1751	6.25888	10.7661	4.80531
0.574041	96.884	102.008	31.4089	23.219	30.8805	6.24312	10.7661	4.78937
0.575041	96.527	102.008	32.2084	24.9845	31.0229	6.28719	11.3582	4.80989
0.576041	96.938	102.146	32.7805	26.0872	31.2834	6.34489	10.9141	4.86594
0.577042	96.39	102.008	33.4858	26.9087	31.298	6.33582	10.8848	4.86594
0.578042	96.884	101.871	33.9227	27.7282	31.1207	6.34858	11.0621	4.88094
0.579042	96.884	102.146	35.2933	28.8188	30.8802	6.34844	10.8848	4.86438
0.580042	96.801	102.146	35.7502	30.1847	30.5419	6.35844	10.9634	4.86906
0.581042	96.884	102.146	36.8924	31.1407	29.9831	6.38989	11.2102	4.87887
0.582042	96.884	102.146	37.4834	31.2773	28.9237	6.37406	11.3089	4.87989
0.583042	96.7051	102.008	38.263	31.8236	28.9523	6.37406	11.3682	4.87989
0.584042	96.884	102.694	40.0905	33.1895	29.4577	6.38594	11.4075	4.88719
0.585042	96.884	102.008	40.0905	33.0529	29.8938	6.38825	11.3089	4.89219
0.586042	96.884	102.146	41.2328	34.5553	30.1547	6.40469	11.5558	4.89437
0.587042	96.884	102.146	42.6033	34.008	30.2403	6.38219	11.901	4.87719
0.588042	96.884	102.146	43.1743	36.9211	30.3422	6.38469	11.9503	4.86219
0.589042	96.884	102.146	43.9739	38.4874	30.3952	6.34344	11.7038	4.84489
0.590042	96.884	102.146	45.8013	38.5182	30.2403	6.37781	11.763	4.87158
0.591043	96.527	102.146	47.172	39.8088	30.0448	6.43584	12.1477	4.91719
0.592043	96.39	102.557	47.8573	40.9747	29.8815	6.42218	12.1971	4.90719
0.593043	96.884	102.146	49.3421	43.9795	29.0419	6.43584	12.3844	4.91313
0.594043	96.884	102.146	50.4843	44.3882	29.2131	6.43437	12.5918	4.90989
0.595043	97.488	101.597	52.0833	45.3453	29.9916	6.43844	12.4438	4.91406
0.596043	96.884	102.146	53.2255	45.755	30.387	6.44125	12.6905	4.91219
0.597043	96.2531	102.008	54.9388	47.8038	30.7416	6.44562	13.184	4.91313
0.598043	96.39	102.146	56.4236	48.8964	30.9006	6.45158	12.6412	4.91719
0.599043	96.884	101.871	58.8222	50.3888	31.1859	6.45594	12.8879	4.91906
0.600043	97.212	101.871	59.7359	52.5841	31.137	6.45812	13.1348	4.92158
0.601043	96.1181	102.008	61.6778	55.5889	30.921	6.45084	13.0853	4.91887
0.602043	96.938	102.146	63.962	57.0913	30.4808	6.43084	13.2333	4.89989
0.603043	96.884	102.146	65.4468	57.9108	30.1017	6.40844	13.184	4.87989
0.604043	96.884	102.146	67.7312	60.3893	29.5351	6.38989	13.332	4.86582
0.605044	96.527	102.008	69.7871	60.6425	28.8099	6.43158	13.3813	4.89844
0.606044	96.884	102.146	72.7568	63.5107	28.3184	6.47158	13.48	4.92889
0.607044	97.212	102.008	74.0132	66.2423	29.0582	6.46888	13.3813	4.91875
0.608044	96.39	101.871	76.5259	68.4277	29.3782	6.48989	13.7781	4.92281
0.609044	96.884	102.146	78.4677	70.2032	29.3273	6.47125	13.7781	4.92344
0.610044	96.884	102.557	80.752	72.9349	29.7758	6.47408	13.7781	4.92281
0.611044	96.884	101.871	83.0384	76.6226	29.9488	6.47408	13.7781	4.92219
0.612044	97.212	101.323	84.6354	77.9884	29.5514	6.47437	14.0722	4.92344
0.613044	96.1181	101.871	87.6051	80.1737	29.5025	6.47375	14.3682	4.92188
0.614044	96.884	102.146	88.4326	83.3151	29.2702	6.47594	14.1709	4.92281
0.615044	96.884	101.323	92.1738	86.1833	28.9523	6.47408	13.9735	4.92158
0.616044	96.884	102.146	94.2297	87.1394	28.8508	6.48808	14.1709	4.91531
0.617044	96.527	102.557	96.1131	89.1882	29.4414	6.44489	14.4176	4.89719
0.618044	96.39	102.557	98.3416	92.7393	30.0528	6.42094	14.3682	4.8775
0.619045	96.39	101.597	100.854	93.5588	30.4198	6.39989	15.0581	4.86084
0.620045	96.1181	102.146	103.596	95.6075	30.6723	6.45489	14.5163	4.90344
0.621045	96.884	102.008	104.988	97.9294	31.0718	6.48406	14.8617	4.92488
0.622045	97.212	101.323	107.479	100.798	30.9984	6.47594	14.783	4.91594
0.623045	96.39	102.146	109.306	102.983	30.9251	6.47781	14.5858	4.91858

0.624045	96.664	102.146	110.791	103.802	31.0351	6.47406	15.0591	4.91656
0.625045	96.664	102.146	112.733	105.441	30.4441	6.47437	14.9604	4.91375
0.626045	96.1161	102.146	114.56	106.31	29.9631	6.47656	15.1064	4.91469
0.627045	96.664	102.146	115.931	106.583	29.7875	6.47469	15.1084	4.91281
0.628045	96.527	102.146	118.901	109.875	28.6017	6.47531	15.2584	4.91656
0.629045	96.664	102.146	119.129	110.495	28.7648	6.47094	15.1577	4.90906
0.630045	96.664	101.871	119.929	112.407	28.8533	6.47219	15.5032	4.90906
0.631045	96.664	102.146	121.414	114.456	29.4903	6.48469	15.2584	4.89969
0.632046	96.527	102.146	122.556	115.685	29.8778	6.43406	15.3551	4.87844
0.633046	96.801	102.146	123.812	117.051	30.3422	6.40937	15.2584	4.85906
0.634046	96.664	102.146	124.497	118.417	29.8001	6.39094	15.3551	4.84406
0.635046	96.664	102.146	126.668	119.783	29.5066	6.45469	15.5525	4.89584
0.636046	96.527	102.009	127.467	120.602	30.0609	6.47094	15.6018	4.80469
0.637046	96.2531	102.146	128.267	122.241	29.0134	6.46219	15.7499	4.89844
0.638046	96.2531	102.009	129.666	123.607	28.8058	6.46125	15.9473	4.89906
0.639046	96.39	102.146	131.236	124.153	29.4536	6.46656	15.9473	4.89281
0.640046	96.664	102.146	132.036	124.7	29.6941	6.45781	15.9473	4.89281
0.641046	96.527	102.146	133.635	125.792	30.5582	6.48406	16.5687	4.89781
0.642046	96.664	102.146	134.891	127.158	30.9662	6.48281	16.0953	4.89406
0.643046	96.664	102.146	136.49	129.616	31.2471	6.45937	16.2433	4.89156
0.644046	96.527	102.146	137.176	131.802	31.5242	6.45856	16.1446	4.88844
0.645046	96.664	102.146	138.775	133.967	31.6899	6.45937	16.4407	4.89187
0.646047	96.527	102.146	139.666	133.967	31.6914	6.45469	16.5687	4.89969
0.647047	96.664	102.146	141.744	134.124	31.6281	6.42719	16.7368	4.33969
0.648047	96.39	102.146	140.602	137.675	31.1044	6.39687	16.7881	0.880625
0.649047	97.212	102.894	127.581	137.402	30.1508	6.38094	16.6874	0.098375
0.650047	96.527	101.597	137.632	131.255	29.0501	6.45406	16.9342	0.066875
0.651047	96.664	102.146	141.516	128.367	29.3028	6.45906	17.0822	-0.000938
0.652047	96.938	102.146	147.113	130.299	29.6533	6.45969	17.1315	-0.000313
0.653047	97.212	102.146	149.74	136.309	30.367	6.45406	17.2302	-0.008583
0.654047	96.664	101.871	151.567	143.958	30.0365	6.45344	17.0328	-0.008125
0.655047	96.1161	102.146	153.395	150.514	30.2484	6.45469	16.8342	-0.009063
0.656047	95.9791	102.969	156.935	153.655	30.2036	6.45812	17.3783	-0.009063
0.657047	96.664	102.009	160.248	154.884	30.008	6.45781	17.1315	-0.010313
0.658047	96.664	102.146	165.045	156.387	29.7878	6.45344	17.5263	-0.010313
0.659047	96.39	101.871	169.385	158.708	29.1479	6.45469	17.5263	-0.010313
0.660048	96.39	102.694	173.954	163.899	28.8707	6.45812	17.9211	-0.010313
0.661048	96.664	102.146	176.238	167.04	28.671	6.45281	18.0197	-0.008438
0.662048	97.212	102.146	178.294	170.728	28.7882	6.41781	17.8717	-0.010313
0.663048	97.486	102.146	180.236	175.608	29.7634	6.39406	18.1184	-0.011563
0.664048	96.39	102.009	183.548	178.103	30.1282	6.39219	18.1184	-0.010313
0.665048	96.527	101.871	187.203	180.152	30.4849	6.46906	18.0197	-0.010625
0.666048	96.664	102.146	190.287	181.361	31.031	6.46344	18.2665	-0.009063
0.667048	96.664	102.146	193.485	183.976	30.8965	6.45969	18.4145	-0.009063
0.668048	96.801	102.009	196.884	186.881	31.1941	6.45781	18.5132	-0.009063
0.669048	96.39	102.146	197.939	191.078	31.1659	6.45887	18.7106	-0.009688
0.670048	96.39	102.146	199.196	194.63	30.5338	6.46438	18.6612	-0.009688
0.671048	96.664	102.146	201.48	196.542	29.7145	6.46719	18.8093	-0.012188
0.672048	96.664	102.146	205.021	198.181	28.9196	6.46156	18.8093	-0.009063
0.673048	96.664	102.146	207.534	199	28.7648	6.46094	18.9079	-0.010938
0.674049	96.664	102.146	210.275	202.551	29.5392	6.46344	19.056	-0.01125
0.675049	96.527	102.146	212.788	206.376	29.7715	6.46906	19.5988	-0.010938

0.676049	98.664	102.146	215.072	208.288	29.849	6.45094	19.4507	-0.010625
0.677049	98.938	102.146	217.813	211.019	30.012	6.42188	19.5494	-0.010313
0.678049	98.527	102.009	220.44	214.024	30.0283	6.39989	19.3027	-0.010313
0.679049	98.664	102.146	223.182	215.663	29.9387	6.40531	19.2534	-0.010838
0.680049	98.664	102.694	225.466	218.122	29.5677	6.48219	19.5001	-0.011875
0.681049	98.938	102.146	228.207	219.781	29.1581	6.48719	19.5494	-0.011583
0.682049	98.527	102.009	229.921	223.585	28.7888	6.47344	19.8455	-0.009688
0.683049	98.664	102.146	233.233	226.453	28.296	6.47344	20.0922	-0.007188
0.684049	98.39	102.146	235.631	228.775	27.8517	6.47658	20.0922	-0.011583
0.685049	98.527	102.146	238.144	231.507	28.1696	6.48312	20.2896	-0.011583
0.686049	98.39	102.146	241	234.238	29.2131	6.47812	20.4376	-0.010313
0.687049	98.664	101.871	243.512	236.287	29.5881	6.47781	20.0429	-0.010638
0.68805	98.527	102.009	246.482	240.248	30.0408	6.48408	20.5857	-0.011875
0.68905	98.664	102.146	248.424	242.297	30.3585	6.48469	20.487	-0.008375
0.69005	98.664	101.871	250.937	244.482	30.5541	6.48594	20.783	-0.008375
0.69105	97.075	101.871	253.564	247.35	30.5884	6.48469	20.8817	-0.010313
0.69205	98.938	102.146	255.734	249.809	30.4522	6.43844	20.8817	-0.010313
0.69305	98.664	102.146	257.79	251.584	30.1221	6.4175	21.2271	-0.010313
0.69405	98.664	102.009	260.988	253.906	29.0093	6.43469	21.2765	-0.010313
0.69505	97.486	102.694	262.815	255.272	28.3612	6.50219	21.1778	-0.010625
0.69605	98.938	102.146	265.671	258.823	29.1398	6.46375	21.0791	-0.013438
0.69705	95.8421	101.871	268.298	259.643	29.5392	6.49344	21.9673	-0.010838
0.69805	98.664	102.146	269.211	261.985	29.8245	6.49437	21.6712	-0.012188
0.69905	98.527	101.46	271.039	265.789	30.012	6.50281	21.8686	-0.011583
0.70005	98.664	102.146	273.552	267.018	29.9876	6.49876	21.6219	-0.011583
0.70105	97.212	102.968	276.293	269.203	30.0202	6.50156	22.066	-0.010838
0.702051	98.664	102.146	277.664	271.798	29.9305	6.50062	21.8888	-0.010313
0.703051	98.938	102.146	280.405	273.984	29.7349	6.50594	21.8688	-0.009688
0.704051	98.527	102.009	282.481	275.769	29.368	6.50531	22.066	-0.010625
0.705051	97.075	102.146	285.318	279.311	29.0501	6.50094	22.066	-0.010313
0.706051	95.8421	101.597	286.801	280.876	28.6588	6.48906	22.1647	-0.012813
0.707051	98.527	101.871	289.314	282.315	28.3735	6.48469	22.8088	-0.011875
0.708051	98.664	102.009	292.055	283.954	28.8381	6.44469	22.6581	-0.011583
0.709051	98.39	101.597	293.654	286.413	29.58	6.44969	22.4608	-0.010938
0.710051	98.39	102.009	295.596	289.964	29.9916	6.52406	22.7568	-0.010938
0.711051	98.664	102.009	297.994	291.803	30.3707	6.50969	22.8082	-0.010313
0.712051	98.664	101.871	299.565	291.486	30.6479	6.52125	22.6089	-0.011583
0.713051	98.801	102.146	300.507	293.105	30.6805	6.51625	22.8555	-0.010313
0.714051	98.39	102.009	302.335	297.613	30.705	6.51944	23.0038	-0.01
0.715051	98.664	102.146	304.391	297.066	30.44	6.51437	22.9542	-0.010625
0.716052	96.1161	102.146	306.446	299.798	29.8164	6.51594	23.0036	-0.010313
0.717052	98.664	102.009	308.046	301.3	28.5528	6.51906	22.6581	-0.014063
0.718052	98.527	101.871	310.39	303.895	28.7077	6.51989	23.1022	-0.011875
0.719052	98.801	102.146	313.9	306.354	29.4251	6.51856	23.8424	-0.010625
0.720052	98.39	102.146	316.041	308.403	29.7349	6.51989	23.2503	-0.010313
0.721052	98.938	102.146	317.183	309.495	30.2077	6.51344	23.349	-0.010938
0.722052	98.938	102.146	318.924	312.91	30.3952	6.47989	23.2503	-0.010313
0.723052	98.664	102.146	322.208	316.461	30.5338	6.45344	23.4477	-0.010625
0.724052	98.938	102.557	325.878	318.373	30.4318	6.45594	23.4477	-0.010313
0.725052	98.39	102.146	327.463	320.285	30.4604	6.53156	23.645	-0.012813
0.726052	98.664	102.831	330.318	324.246	30.2974	6.52219	23.645	-0.011875
0.727052	98.938	102.968	332.717	325.475	29.9468	6.52468	23.8424	-0.008438

0.728052	96.664	101.734	336.143	328.617	29.5718	6.51719	23.3983	-0.012188
0.728052	96.801	102.146	338.884	331.895	29.0664	6.51969	24.0396	-0.009688
0.730053	96.664	101.871	342.425	335.856	29.0623	6.52844	24.3852	-0.010838
0.731053	96.664	102.009	345.986	339.68	29.7226	6.52688	24.0396	-0.010313
0.732053	96.664	102.146	350.535	342.958	30.1506	6.52906	24.2372	-0.01125
0.733053	96.801	102.009	353.961	346.099	30.5012	6.51625	24.2372	-0.010838
0.734053	96.938	102.988	358.073	350.06	30.8517	6.52219	24.3852	-0.010313
0.735053	96.801	102.146	361.728	353.611	30.9332	6.52594	24.1878	-0.011563
0.736053	96.527	102.009	365.383	357.982	30.8272	6.51281	24.4346	-0.009688
0.737053	96.664	102.009	369.723	361.806	30.6397	6.47969	24.5332	-0.011563
0.738053	96.801	102.146	373.949	366.723	30.281	6.45469	24.8293	-0.010313
0.739053	96.664	102.146	378.404	369.865	29.7349	6.45219	24.7306	-0.013438
0.740053	96.664	102.009	383.658	375.736	28.8137	6.53344	24.4839	-0.012813
0.741053	96.938	102.009	386.455	379.016	28.4876	6.52344	25.6188	-0.011563
0.742053	96.527	101.871	382.795	384.688	28.9849	6.52094	25.1254	-0.010313
0.743053	96.664	102.146	397.592	388.713	29.3762	6.52344	25.5201	-0.010313
0.744054	96.938	102.146	402.275	392.401	29.637	6.52312	25.4214	-0.011563
0.745054	96.2531	101.597	406.958	396.957	29.8531	6.52594	25.6188	-0.010938
0.746054	96.39	102.009	411.527	403.6	29.9794	6.52219	25.8162	-0.010625
0.747054	96.1161	101.323	417.009	407.698	29.8449	6.51781	25.8162	-0.010938
0.748054	96.801	102.42	421.806	413.161	29.7349	6.52094	25.9642	-0.010625
0.749054	96.938	102.009	426.375	417.668	29.7145	6.52594	26.0136	-0.010625
0.750054	96.39	101.871	430.601	421.493	29.3436	6.52468	25.9149	-0.013438
0.751054	96.664	102.146	436.198	427.366	28.7851	6.51469	26.2603	-0.010938
0.752054	96.527	102.557	442.48	433.512	28.4957	6.48219	26.7044	-0.01
0.753054	97.349	102.831	447.848	438.585	29.1316	6.48094	26.8031	-0.009375
0.754054	96.664	102.146	453.102	443.348	29.6898	6.44968	26.4083	-0.012813
0.755054	97.075	102.146	457.899	448.263	30.1058	6.51406	27.0005	-0.01125
0.756054	96.664	102.146	462.688	452.77	30.387	6.52094	26.8524	-0.011875
0.757055	97.349	102.009	466.808	457.667	30.3993	6.51281	27.0498	-0.010938
0.758055	95.8421	101.323	471.834	462.604	30.4522	6.51719	27.2965	-0.012188
0.759055	96.664	102.146	477.859	468.204	30.589	6.52187	27.1979	-0.010313
0.760055	96.938	102.557	481.428	471.345	30.1914	6.52156	27.3852	-0.010625
0.761055	95.8421	101.323	485.312	473.53	29.8859	6.51187	26.8524	-0.011563
0.762055	96.9791	102.146	489.88	481.179	29.4189	6.51469	27.79	-0.012813
0.763055	96.664	102.146	495.134	486.779	28.7566	6.52094	27.8887	-0.010313
0.764055	96.664	102.146	499.475	489.374	27.8069	6.51969	27.8887	-0.010625
0.765055	96.664	102.146	504.043	494.164	28.0392	6.51969	27.79	-0.011563
0.766055	96.664	102.146	508.84	499.071	28.724	6.51219	27.8887	-0.010625
0.767055	96.39	102.146	512.61	501.803	28.8748	6.49187	28.0861	-0.010625
0.768055	96.664	101.871	516.607	506.447	28.9767	6.48688	28.3821	-0.010313
0.769055	96.664	102.146	519.805	509.861	29.2783	6.44469	28.2341	-0.011563
0.770055	96.664	101.46	524.031	515.051	29.3721	6.48468	28.8289	-0.009688
0.771056	96.39	101.597	527.115	518.007	29.0827	6.51969	28.3821	-0.011563
0.772056	96.527	102.146	530.313	518.739	29.0256	6.50719	28.1847	-0.012813
0.773056	96.664	102.009	533.189	523.519	28.8177	6.51781	28.6782	-0.012813
0.774056	96.527	102.146	537.395	527.207	28.2634	6.51344	29.2703	-0.011875
0.775056	96.527	102.146	540.365	531.168	28.4224	6.50969	28.7275	-0.012813
0.776056	96.664	102.146	543.334	534.036	29.1805	6.51094	29.1716	-0.011563
0.777056	96.527	102.146	546.875	536.831	29.5392	6.51187	28.9743	-0.011563
0.778056	96.39	102.146	550.416	540.319	30.1099	6.51781	29.2703	-0.010625
0.779056	96.664	102.146	553.043	543.87	30.3463	6.51584	29.389	-0.010625

0.780056	95.6421	101.597	555.441	546.192	30.33	6.50937	29.8625	-0.010313
0.781056	96.664	102.146	560.236	551.109	30.5623	6.50937	29.5864	-0.010938
0.782056	96.664	102.009	562.751	552.611	30.8887	6.49781	29.8612	-0.010938
0.783056	96.527	101.597	565.949	556.298	30.3361	6.47094	29.8625	-0.007813
0.784056	96.664	102.146	568.12	558.484	30.0202	6.44825	29.8612	-0.011563
0.785057	96.664	102.146	570.975	561.762	29.6493	6.45531	30.5533	-0.009688
0.786057	96.527	101.734	574.173	564.767	28.9787	6.52594	30.1685	-0.0125
0.787057	96.2531	101.597	576.8	568.592	28.2063	6.51656	30.5039	-0.010313
0.788057	96.664	102.146	579.427	570.231	28.4081	6.51813	30.3559	-0.011563
0.789057	96.664	102.146	581.711	572.416	28.7892	6.50844	30.5533	-0.010938
0.790057	96.664	102.146	584.453	575.421	29.1112	6.50594	30.3559	-0.011875
0.791057	96.664	102.146	587.194	578.699	29.1071	6.51312	30.7607	-0.010938
0.792057	96.664	101.871	589.936	582.25	29.262	6.51656	30.9481	-0.012188
0.793057	96.664	102.146	592.334	583.342	29.3109	6.51594	31.0467	-0.010938
0.794057	96.801	102.557	595.076	585.528	29.2294	6.50969	31.0467	-0.01125
0.795057	96.801	102.146	598.674	587.886	28.9074	6.51219	31.3428	-0.012813
0.796057	96.664	102.146	599.872	590.991	28.5569	6.51667	32.1323	-0.010625
0.797057	96.527	102.146	601.585	593.859	28.2636	6.50344	31.5402	-0.011875
0.798057	96.664	102.146	603.527	596.181	27.9781	6.47219	31.8363	-0.011875
0.799058	96.664	102.146	606.268	598.64	28.883	6.44406	32.1323	-0.010625
0.800058	96.527	102.146	608.895	600.825	29.6289	6.44469	31.9349	-0.010625
0.801058	96.527	102.146	610.037	603.42	29.7349	6.52469	32.1817	-0.011563
0.802058	96.664	102.146	610.837	606.015	30.4971	6.51937	32.3297	-0.012813
0.803058	96.527	102.146	610.723	609.293	30.4685	6.51469	32.4284	-0.009688
0.804058	96.664	102.146	611.18	612.161	30.6805	6.51219	32.4284	-0.010313
0.805058	96.838	102.009	611.866	616.532	30.7987	6.51062	32.7245	-0.008125
0.806058	96.2531	101.597	609.352	619.81	30.2974	6.51719	32.5764	-0.011563
0.807058	96.664	102.146	609.809	624.317	30.6153	6.51969	33.1192	-0.012188
0.808058	96.664	102.009	609.352	629.234	29.9427	6.51687	33.1192	-0.010313
0.809058	96.664	102.146	608.436	632.102	28.9922	6.51719	33.4153	-0.00875
0.810058	96.527	102.146	607.753	634.151	28.349	6.51844	33.1686	-0.010938
0.811058	96.664	102.146	607.753	636.883	28.8463	6.52219	33.4646	-0.010938
0.812058	96.838	102.009	608.687	639.751	28.5528	6.51469	33.514	-0.010938
0.813058	96.664	102.146	608.687	641.938	29.1112	6.48344	33.81	-0.012188
0.814059	96.39	102.146	609.352	645.351	29.1234	6.46187	33.7114	-0.010938
0.815059	96.527	102.146	610.266	647.673	29.2702	6.44436	33.81	-0.011563
0.816059	96.801	102.146	611.979	649.995	29.3313	6.50856	34.0074	-0.009375
0.817059	96.527	102.146	612.208	653.273	28.6914	6.53094	34.1061	-0.012813
0.818059	96.664	102.146	613.692	656.004	28.724	6.51656	34.5502	-0.010313
0.819059	96.664	102.146	613.921	658.736	28.3638	6.52344	34.4515	-0.010313
0.820059	96.664	102.146	614.606	660.848	27.7539	6.52469	34.4515	-0.011563
0.821059	96.664	102.146	615.177	663.109	27.436	6.52688	34.8489	-0.010625
0.822059	96.664	102.146	615.52	665.701	28.0555	6.52219	34.6982	-0.01125
0.823059	95.9791	102.146	615.177	668.658	28.5732	6.51906	34.8483	-0.011563
0.824059	96.801	102.694	615.177	669.389	29.0134	6.52156	34.945	-0.011563
0.825059	96.664	102.146	614.606	672.531	28.3191	6.53094	35.2904	-0.010938
0.826059	96.527	102.146	614.72	674.579	29.7349	6.52969	35.3397	-0.010313
0.82706	96.801	102.146	614.835	676.082	29.7797	6.52219	35.4878	-0.006563
0.82806	96.664	102.146	612.779	678.404	29.9967	6.50375	35.3397	-0.012188
0.82906	96.664	102.146	613.578	680.899	29.955	6.47906	36.1292	-0.01125
0.83006	96.664	102.146	613.807	683.73	29.6819	6.46156	35.8825	-0.010938
0.83106	96.664	102.009	613.35	685.506	29.0093	6.47281	36.2278	-0.01125

0.83208	96.864	102.146	613.807	687.691	28.1126	6.53781	36.2773	-0.011875
0.83308	96.527	102.009	613.921	688.33	27.5175	6.52344	36.4253	-0.01125
0.83408	96.938	102.694	615.063	692.808	28.3205	6.53312	36.672	-0.010938
0.83508	96.527	102.146	614.492	694.867	28.4305	6.52908	36.6227	-0.010313
0.83608	96.527	102.009	615.748	696.979	28.7118	6.52406	36.6227	-0.012188
0.83708	96.864	102.146	618.434	698.071	28.7403	6.52469	36.8201	-0.010839
0.83808	97.212	102.831	617.576	700.53	28.7974	6.52806	36.8694	-0.010625
0.83908	96.864	102.146	616.891	702.442	28.7882	6.53219	36.7707	-0.013125
0.84008	96.864	101.871	617.233	705.72	28.561	6.53094	37.4122	-0.011563
0.84108	96.938	102.146	617.119	708.813	28.3245	6.52469	37.0174	-0.011563
0.84208	96.527	102.146	617.347	709.818	28.0229	6.52812	37.2148	-0.010625
0.84308	96.938	102.146	617.576	711.73	27.6396	6.53219	37.6589	-0.009375
0.84408	96.864	102.146	617.005	712.959	27.0936	6.50888	37.2642	-0.012188
0.84508	96.864	102.146	616.319	715.417	26.8697	6.47875	37.5602	-0.009063
0.84608	96.864	102.146	614.635	717.056	27.0202	6.46313	37.4615	-0.012813
0.84708	96.864	102.009	614.606	720.744	28.0148	6.51094	37.7576	-0.011563
0.84808	96.527	102.146	613.921	721.017	28.3001	6.53719	38.0537	-0.013125
0.84908	96.864	102.146	613.807	723.885	28.7158	6.53344	37.8589	-0.009063
0.85008	96.864	102.146	612.55	724.159	29.0256	6.53219	38.0043	-0.010838
0.85108	96.864	102.146	612.322	727.027	29.1479	6.52908	38.5471	-0.010838
0.85208	96.864	102.146	612.208	728.688	29.2131	6.53219	38.2511	-0.009063
0.85308	96.864	102.146	611.636	730.305	29.1764	6.53856	38.4484	-0.012188
0.85408	95.9781	101.871	611.979	733.31	28.9688	6.53469	38.5471	-0.01125
0.85508	96.527	102.146	611.18	734.875	28.188	6.53187	38.7445	-0.010313
0.85608	96.527	102.009	611.18	736.881	27.2851	6.53094	38.5471	-0.01125
0.85708	97.212	102.694	610.266	738.383	27.4197	6.53408	38.8432	-0.011563
0.85808	96.864	102.146	609.466	740.549	28.0881	6.53344	38.8925	-0.011875
0.85908	96.1161	101.186	608.438	740.685	28.3853	6.51469	38.9912	-0.01125
0.86008	96.864	102.557	609.238	743.144	28.5854	6.48375	39.238	-0.007813
0.86108	96.864	102.146	608.781	744.1	28.6262	6.46594	39.238	-0.012813
0.86208	96.801	102.146	608.438	746.148	28.6425	6.46719	39.7806	-0.011875
0.86308	96.527	102.146	609.238	747.241	28.8869	6.54406	39.4353	-0.011563
0.86408	96.527	102.968	609.124	748.607	28.5854	6.52938	39.534	-0.012188
0.86508	96.864	102.146	609.352	749.973	28.3853	6.52969	39.7314	-0.010838
0.86608	96.2531	102.146	609.581	752.158	28.0922	6.53156	39.8327	-0.010625
0.86708	96.938	102.146	609.923	752.841	27.7457	6.53281	39.9781	-0.010313
0.86808	96.864	102.146	609.581	754.207	27.3748	6.53469	39.4353	-0.010313
0.86908	96.864	102.146	609.581	755.982	27.2036	6.52906	39.8301	-0.010313
0.87008	96.864	102.146	610.037	758.392	27.705	6.52989	39.8794	-0.01125
0.87108	96.864	101.46	609.581	756.529	28.2756	6.53156	39.9288	-0.011875
0.87208	96.864	101.871	609.581	758.441	28.777	6.53469	40.1755	-0.011563
0.87308	96.864	102.146	610.037	760.763	29.0908	6.53156	40.4222	-0.012813
0.87408	96.864	102.009	609.809	761.982	29.2376	6.52719	40.2249	-0.010625
0.87508	96.527	102.146	609.923	763.358	29.5188	6.50844	40.5209	-0.010838
0.87608	96.864	102.146	609.581	763.631	29.5147	6.48344	40.3729	-0.010625
0.87708	96.527	102.146	609.809	765.133	29.1234	6.45906	40.5703	-0.01125
0.87808	96.864	102.146	610.037	767.182	29.0786	6.47806	40.3729	-0.010625
0.87908	96.864	102.146	610.809	768.138	28.0148	6.53969	40.6198	-0.010838
0.88008	96.1161	102.146	611.18	770.323	27.008	6.52469	40.6198	-0.012188
0.88108	96.527	102.146	611.294	770.187	27.8843	6.53281	40.9157	-0.010838
0.88208	96.864	102.146	611.636	771.553	28.5039	6.52969	41.1131	-0.007813
0.88308	96.864	102.009	612.093	772.782	28.671	6.52219	41.1131	-0.010625

0.884064	98.527	102.146	612.093	774.284	28.6889	8.52469	41.4091	-0.010913
0.885064	95.9791	102.009	613.892	776.743	29.2539	8.52989	41.8039	-0.00876
0.886064	98.938	102.146	613.921	777.582	29.2131	8.53187	41.5572	-0.010313
0.887064	98.801	102.146	615.291	778.382	29.0052	8.52989	41.8559	-0.011583
0.888064	98.884	102.146	616.205	780.567	29.0419	8.52219	41.7545	-0.011583
0.889064	98.884	102.557	617.482	782.888	28.9278	8.52312	41.8065	-0.01125
0.890064	98.884	102.146	618.948	783.572	28.4917	8.52469	41.8039	-0.011875
0.891064	98.884	102.146	620.317	786.577	28.2287	8.50594	42.1	-0.010938
0.892064	98.884	102.146	621.688	787.889	27.8887	8.47344	42.1	-0.010825
0.893064	98.1181	101.323	623.515	789.581	27.705	8.44844	42.1988	-0.010938
0.894064	98.801	102.146	625.457	790.401	28.2756	8.49594	42.1988	-0.009888
0.895064	98.884	102.146	627.058	792.859	28.8914	8.53219	42.2973	-0.011583
0.896065	98.801	102.009	628.541	794.835	29.1031	8.52156	42.1	-0.01125
0.897065	98.884	102.146	630.825	797.094	29.2861	8.52312	42.4454	-0.010313
0.898065	98.884	102.146	633.109	799.982	29.368	8.52156	42.4947	-0.010825
0.899065	98.39	102.146	634.937	802.147	29.4332	8.52281	42.5834	-0.011583
0.900065	98.2531	102.146	637.221	804.059	29.2783	8.52675	42.5441	-0.01125
0.901065	98.884	102.146	639.049	807.064	28.8055	8.52594	42.6921	-0.010313
0.902065	98.884	102.009	641.333	811.025	28.4957	8.51989	42.7414	-0.009888
0.903065	98.527	102.146	643.846	812.684	27.7783	8.52219	42.8895	-0.010313
0.904065	98.938	102.146	646.587	816.352	28.8775	8.52219	42.7908	-0.010313
0.905065	98.527	102.146	649.1	818.284	27.1873	8.52594	42.8401	-0.010938
0.906065	98.884	102.146	650.813	821.132	27.8072	8.51908	43.0868	-0.011583
0.907065	98.884	102.146	653.889	824.273	27.8232	8.49489	43.4323	-0.012813
0.908065	98.938	102.146	656.41	827.005	28.1128	8.48844	43.1362	-0.011583
0.909065	98.884	102.146	658.923	830.146	28.2875	8.45408	43.2842	-0.01125
0.910066	98.527	101.871	660.864	832.468	28.2023	8.50219	43.3829	-0.010913
0.911066	98.8421	101.734	663.72	835.337	28.2349	8.52719	42.9388	-0.012188
0.912066	98.884	102.146	666.918	838.888	28.1452	8.51469	43.3829	-0.010313
0.913066	98.527	102.894	670.116	842.712	27.9292	8.51989	43.4816	-0.010938
0.914066	98.884	102.146	672.857	843.941	27.8316	8.52562	43.3829	-0.011875
0.915066	98.884	102.557	675.142	846.946	27.2159	8.52469	43.7283	-0.010825
0.916066	98.884	102.557	678.111	850.497	26.849	8.52125	43.3829	-0.010625
0.917066	98.527	102.894	680.167	853.775	27.1751	8.52219	43.5803	-0.011583
0.918066	98.884	102.894	682.68	856.507	27.7885	8.52531	43.8784	-0.010938
0.919066	98.884	102.146	685.079	860.058	28.2471	8.52844	43.879	-0.010313
0.920066	98.884	102.894	687.591	862.38	28.3327	8.52875	43.7777	-0.010825
0.921066	98.801	102.894	690.333	865.248	28.5283	8.52187	43.9751	-0.010313
0.922066	98.884	102.146	691.817	867.433	28.8137	8.51781	43.8764	-0.012813
0.923066	98.39	102.146	693.873	869.072	28.561	8.49531	44.1724	-0.010313
0.924067	95.9791	102.988	696.615	873.989	28.3735	8.47281	44.0737	-0.011583
0.925067	98.884	102.146	698.442	874.945	28.3612	8.44781	44.0737	-0.011583
0.926067	98.39	102.146	699.813	878.721	27.8589	8.48489	44.3205	-0.008438
0.927067	98.884	102.146	701.64	878.833	27.3707	8.53219	44.0737	-0.01375
0.928067	98.884	102.146	703.239	880.409	26.7797	8.52489	44.5872	-0.012188
0.929067	98.884	102.146	705.295	882.594	26.2458	8.52908	44.7848	-0.011583
0.930067	98.884	102.557	706.894	885.328	26.2743	8.52084	44.8859	-0.012188
0.931067	98.39	102.557	709.635	887.784	26.7512	8.51989	44.3898	-0.012188
0.932067	98.39	102.146	711.006	889.833	27.1282	8.52489	44.8859	-0.012188
0.933067	98.884	102.146	711.691	890.852	27.224	8.52989	44.7848	-0.010313
0.934067	98.884	102.557	713.519	892.564	27.3544	8.52719	44.9619	-0.009888
0.935067	98.884	102.146	715.346	895.296	27.4808	8.52219	45.0606	-0.009375

0.936067	96.664	101.597	717.06	898.662	27.3422	6.52437	45.0806	-0.009688
0.937067	96.664	102.42	720.143	898.984	27.3218	6.52531	45.1593	-0.010938
0.938068	96.664	102.148	721.742	899.94	27.1017	6.52969	44.8633	-0.011563
0.939068	96.664	102.631	723.913	902.262	26.7593	6.50719	45.2087	-0.011563
0.940068	96.664	102.148	726.768	904.857	26.4414	6.47844	45.5047	-0.010938
0.941068	97.212	102.557	729.281	908.359	26.7063	6.45375	45.0806	-0.010625
0.942068	98.664	102.694	731.223	907.315	27.1588	6.48469	45.258	-0.010313
0.943068	96.39	102.148	733.164	908.954	27.6028	6.53844	45.3074	-0.01125
0.944068	96.39	102.148	735.677	911.688	28.1126	6.62168	45.9667	-0.010313
0.945068	97.349	103.105	738.633	913.871	28.1941	6.52844	45.9667	-0.011563
0.946068	96.664	102.148	740.017	914.864	28.4224	6.52594	45.1593	-0.012813
0.947068	96.664	102.148	741.502	916.057	28.6343	6.52906	45.6528	-0.010825
0.948068	96.664	102.694	742.967	917.896	28.3245	6.52938	45.3567	-0.009063
0.949068	96.664	102.148	744.358	918.378	28.3327	6.52312	45.11	-0.012813
0.950068	96.2531	102.009	745.5	920.974	28.2552	6.52658	45.9567	-0.010313
0.951068	96.664	102.148	747.327	922.886	27.8925	6.53094	45.7021	-0.010313
0.952068	96.664	102.148	749.155	924.861	27.2485	6.53719	45.9567	-0.010825
0.953068	96.664	102.557	749.84	925.754	26.3843	6.53375	45.8034	-0.010825
0.954068	96.664	102.557	749.84	926.437	26.4047	6.6275	45.7021	-0.010313
0.955068	96.664	102.148	750.64	928.076	26.5555	6.52344	45.3567	-0.011875
0.956068	96.664	102.148	751.688	929.888	26.5086	6.50219	45.5047	-0.011875
0.957068	96.664	102.148	752.81	931.081	27.1792	6.47082	45.5047	-0.010825
0.958068	96.664	102.009	753.152	933.539	27.1914	6.44856	45.6528	-0.012188
0.959068	96.1161	101.597	754.637	933.539	28.8327	6.51937	45.8008	-0.010625
0.960068	96.664	102.148	754.066	934.085	27.4849	6.52825	44.9126	-0.014688
0.961068	96.838	102.148	756.465	937.227	27.2586	6.53062	45.5541	-0.011875
0.962068	96.664	102.148	757.036	938.319	26.3599	6.53375	45.9488	-0.010625
0.963068	96.527	102.148	757.835	939.549	26.7188	6.52469	45.3567	-0.010625
0.964068	97.623	102.148	758.749	941.461	28.5598	6.53094	45.5541	-0.012188
0.965068	96.664	102.148	760.12	943.646	25.4878	6.53156	45.4554	-0.012188
0.96607	96.664	102.148	760.805	943.919	26.4699	6.53594	45.8034	-0.01125
0.96707	96.527	102.148	761.262	946.105	27.2892	6.53156	45.6528	-0.010313
0.96807	96.527	102.148	761.947	947.47	27.0936	6.52969	45.3074	-0.011563
0.96907	96.838	102.148	761.376	948.563	27.8925	6.53062	45.7021	-0.010313
0.97007	96.664	102.148	762.404	949.666	28.0392	6.53594	45.6528	-0.01125
0.97107	96.838	102.148	763.548	950.885	28.0086	6.53312	45.9567	-0.011563
0.97207	96.664	102.148	762.861	952.661	28.4142	6.51219	45.7021	-0.011563
0.97307	97.488	102.148	763.318	954.3	28.2675	6.48344	46.1462	-0.010938
0.97407	96.838	102.148	764.232	955.392	28.2471	6.46219	45.8502	-0.0125
0.97507	96.664	102.557	764.346	957.031	28.0881	6.48719	45.8995	-0.010313
0.97607	96.664	102.148	765.602	958.987	27.5012	6.56219	45.7021	-0.010938
0.97707	96.527	102.148	765.574	960.173	26.8938	6.52719	45.8995	-0.010938
0.97807	96.1161	101.734	766.516	961.948	25.7892	6.53344	45.9488	-0.01125
0.97907	96.664	102.148	766.516	963.314	25.9523	6.53281	45.9488	-0.010825
0.980071	96.664	102.148	766.516	964.407	26.5311	6.53989	45.9882	-0.011875
0.981071	96.801	102.148	767.43	965.226	26.5474	6.53594	45.8995	-0.01125
0.982071	96.527	102.148	766.516	965.498	26.5963	6.53219	45.5541	-0.014375
0.983071	96.664	102.694	767.886	967.958	26.9305	6.53344	46.0989	-0.011875
0.984071	96.664	102.694	768.8	969.324	26.8246	6.53989	46.4423	-0.010313
0.985071	96.664	102.557	769.257	971.782	26.7512	6.53989	46.1462	-0.010938
0.986071	96.838	102.148	769.714	973.148	26.6534	6.53781	46.1462	-0.010313
0.987071	96.664	102.557	769.828	973.421	26.1724	6.53375	46.4423	-0.007813

0.988071	97.075	102.146	769.942	975.06	26.0134	6.52825	48.3498	-0.010313
0.989071	96.664	102.557	769.6	976.899	26.7729	6.50219	48.4423	-0.010625
0.990071	96.38	102.146	769.6	978.884	26.1619	6.47719	48.541	-0.010313
0.991071	96.527	102.694	770.171	982.182	25.4224	6.45281	48.6903	-0.012188
0.992071	96.601	102.146	770.513	984.894	25.836	6.51989	48.6397	-0.0125
0.993072	96.664	102.146	770.171	985.44	26.3069	6.53219	48.7384	-0.014063
0.994072	96.664	102.146	769.942	988.991	26.7583	6.53781	47.1331	-0.011875
0.995072	96.664	102.146	769.257	989.811	26.9306	6.53408	47.972	-0.009688
0.996072	96.938	102.146	769.486	990.767	27.2728	6.52719	47.4785	-0.01125
0.997072	96.664	102.146	768.343	991.896	27.4849	6.52844	47.8759	-0.010313
0.998072	96.664	102.146	768.343	993.382	27.4197	6.53187	47.5772	-0.010938
0.999072	96.664	101.871	767.43	995.274	27.5093	6.53844	48.12	-0.009083
1.00007	96.39	102.42	766.744	996.367	27.9544	6.53344	48.12	-0.009375
1.00107	96.664	102.146	765.831	997.869	27.1669	6.52969	48.0213	-0.010625
1.00207	96.664	102.146	764.232	1000.48	25.8628	6.53125	48.0213	-0.009375
1.00307	96.527	102.009	763.775	1001.56	25.4305	6.53719	47.6759	-0.011583
1.00407	96.664	102.146	763.548	1003.33	25.6343	6.53719	47.9228	-0.010313
1.00507	96.601	102.146	763.204	1004.84	25.9686	6.52468	48.0213	-0.012813
1.00607	97.349	102.694	763.548	1006.75	26.1968	6.49489	48.4654	-0.010938
1.00707	96.664	102.557	763.548	1008.21	26.4822	6.47156	48.12	-0.011875
1.00807	96.527	102.694	763.318	1010.3	26.4496	6.45989	48.12	-0.012188
1.00907	96.938	102.694	762.861	1011.66	26.6207	6.53158	48.1893	-0.010313
1.01007	96.2531	102.146	763.66	1013.58	26.5352	6.53375	48.3174	-0.010938
1.01107	96.664	102.146	763.432	1014.67	26.205	6.53408	48.3174	-0.010313
1.01207	97.212	103.105	764.688	1015.49	26.0419	6.53844	48.2187	-0.011583
1.01307	96.664	102.694	765.602	1018.22	25.8381	6.54408	48.5148	-0.010938
1.01407	96.39	102.146	765.802	1018.22	25.4958	6.53781	48.5148	-0.010313
1.01507	96.664	102.146	766.287	1019.72	25.0392	6.53531	48.4181	-0.011583
1.01607	96.601	102.146	765.145	1020.95	24.652	6.53656	48.5148	-0.013125
1.01707	96.527	102.694	765.831	1022.69	24.4804	6.54656	49.3043	-0.011875
1.01807	96.1161	102.146	765.602	1023.68	25.188	6.54656	48.7121	-0.010313
1.01907	96.664	102.557	764.688	1024.78	25.7811	6.54688	48.7121	-0.009688
1.02007	96.1161	101.734	763.318	1024.78	26.0012	6.53906	48.6135	-0.009688
1.02107	96.664	102.694	763.204	1026.96	26.4496	6.54625	48.6135	-0.01125
1.02207	96.664	102.146	761.947	1026.96	26.8004	6.54094	48.4654	-0.011583
1.02307	96.664	102.146	760.12	1027.64	26.7593	6.50781	48.6135	-0.010313
1.02407	96.664	102.146	758.292	1029.15	26.7838	6.47844	48.6135	-0.012188
1.02507	96.664	102.146	756.922	1027.51	26.7797	6.47156	48.5148	-0.010938
1.02607	97.075	102.968	755.665	1029.15	26.6044	6.55094	48.6828	-0.009375
1.02707	97.075	101.597	753.267	1029.28	26.205	6.54656	48.4181	-0.011583
1.02807	96.938	102.968	752.581	1029.97	25.3449	6.54469	49.3043	-0.009375
1.02907	96.938	101.734	750.754	1030.85	24.8068	6.54719	48.4181	-0.010625
1.03007	96.938	102.146	749.383	1031.88	25.349	6.54531	48.0707	-0.011583
1.03107	96.527	102.694	748.469	1032.7	25.6017	6.54344	48.3174	-0.011583
1.03207	96.664	102.694	748.127	1033.24	25.8422	6.53719	48.12	-0.010313
1.03307	96.527	102.146	746.642	1034.06	25.9845	6.53437	48.12	-0.011583
1.03407	96.938	102.557	745.388	1034.34	26.0827	6.53344	48.12	-0.010313
1.03507	96.1161	101.597	744.586	1034.88	26.1112	6.54084	48.0707	-0.009688
1.03607	96.527	102.557	743.901	1034.61	26.0583	6.53906	48.288	-0.008438
1.03707	96.39	102.146	743.215	1035.57	26.0012	6.53781	48.0707	-0.007813
1.03807	96.664	102.146	740.248	1035.7	25.8137	6.52969	48.12	-0.01125
1.03907	96.664	102.146	738.647	1036.52	25.5161	6.51989	48.3887	-0.010938

1.04007	98.938	102.146	737.276	1037.89	25.2308	6.49594	48.12	-0.011563
1.04107	98.864	102.831	735.106	1036.88	24.974	6.47656	48.12	-0.012188
1.04208	98.938	103.105	733.393	1036.39	24.6928	6.46469	48.0707	-0.010313
1.04308	98.864	102.557	730.423	1040.07	24.5338	6.53594	48.3174	-0.011563
1.04408	98.938	102.968	728.596	1040.89	24.9007	6.52719	48.12	-0.012813
1.04508	97.075	101.871	725.169	1040.89	25.4713	6.53219	48.5148	-0.010313
1.04608	98.864	102.146	723.57	1043.21	25.7729	6.53156	48.5148	-0.010313
1.04708	98.864	102.146	721.742	1042.28	25.983	6.52856	48.7121	-0.011563
1.04808	98.938	102.146	720.372	1044.85	26.368	6.52562	48.6826	-0.010938
1.04908	98.39	102.146	718.088	1045.54	26.3436	6.52781	48.8106	-0.012813
1.05008	98.864	102.146	716.845	1046.06	26.2906	6.53344	49.551	-0.010313
1.05108	98.864	102.146	715.669	1047.72	26.5311	6.53156	49.2549	-0.009063
1.05208	98.938	102.146	714.433	1047.72	26.2621	6.52469	49.2549	-0.01125
1.05308	98.864	102.557	712.377	1048.68	25.883	6.52531	49.3043	-0.009375
1.05408	96.1161	101.871	711.349	1049.77	24.9985	6.52688	49.3043	-0.010313
1.05508	98.938	102.146	709.407	1050.04	24.2729	6.52719	49.3043	-0.011875
1.05608	98.864	102.146	708.265	1051	24.8966	6.51406	49.5017	-0.010825
1.05708	98.39	102.146	707.123	1052.91	25.2512	6.47969	49.5017	-0.011563
1.05808	98.864	102.557	704.267	1051.55	25.6017	6.48094	49.699	-0.011563
1.05908	98.864	102.694	703.696	1051.27	25.8218	6.45187	49.6497	-0.010313
1.06008	98.864	102.146	701.412	1052.09	25.94	6.52344	49.6497	-0.012188
1.06108	98.938	102.557	699.813	1052.91	26.0176	6.52312	49.8471	-0.010625
1.06208	98.801	102.694	699.698	1052.64	26.0583	6.51844	49.7977	-0.011563
1.06308	98.938	102.557	697.985	1053.19	26.1112	6.52158	49.7977	-0.010938
1.06408	98.864	102.146	697.843	1053.59	25.9482	6.51989	49.3043	-0.010938
1.06508	98.864	102.557	696.158	1054.69	25.8381	6.61906	49.4523	-0.01125
1.06608	98.938	102.146	695.587	1054.82	25.7077	6.51469	49.1562	-0.012813
1.06708	97.075	102.694	694.767	1055.23	25.3184	6.51469	49.403	-0.011563
1.06808	97.075	102.694	696.158	1056.82	24.9455	6.51719	49.1069	-0.011875
1.06908	97.075	102.831	696.158	1057.56	24.5827	6.51989	49.3043	-0.01
1.07008	98.938	102.557	696.815	1058.65	24.9822	6.51906	49.6497	-0.007188
1.07108	98.864	102.694	695.472	1058.08	25.292	6.51469	49.3043	-0.013438
1.07208	98.864	102.557	695.929	1058.65	25.6914	6.51469	49.8003	-0.010938
1.07308	98.938	102.146	685.701	1058.51	26.0012	6.50719	49.3043	-0.0125
1.07408	98.864	102.146	695.929	1058.06	26.1561	6.48156	49.3043	-0.011563
1.07508	98.801	102.42	696.158	1058.74	26.2539	6.48937	49.5017	-0.010938
1.07608	98.527	102.146	695.929	1059.47	26.2417	6.43219	49.2066	-0.010313
1.07708	98.801	102.557	696.158	1053.73	26.1316	6.49844	49.2066	-0.012188
1.07808	98.864	102.146	694.33	1038.71	26.0012	6.51219	49.403	-0.011563
1.07908	98.864	102.146	689.761	1029.69	25.6056	6.50869	49.5017	-0.01125
1.08008	98.864	102.146	687.82	1013.58	25.3001	6.50594	49.6003	-0.010313
1.08108	95.9791	102.694	686.221	1001.89	24.7743	6.50219	49.403	-0.010313
1.08208	98.864	102.146	682.908	982.543	24.1486	6.50094	49.7484	-0.011875
1.08308	98.864	102.146	680.852	983.255	24.1833	6.50344	49.7484	-0.011563
1.08408	96.1161	101.734	678.911	974.514	24.5176	6.50812	49.699	-0.009063
1.08508	98.864	102.146	677.083	967.411	24.8843	6.50844	49.7484	-0.010313
1.08608	98.938	102.694	676.055	960.309	25.0392	6.50719	49.7977	-0.010313
1.08708	97.075	102.968	676.055	953.753	25.0086	6.50531	49.6497	-0.010938
1.08808	98.864	102.694	676.855	949.109	25.2716	6.50594	49.6497	-0.010313
1.08908	98.864	101.871	677.997	945.285	25.2186	6.50806	49.6497	-0.012813
1.09008	95.9791	101.46	678.682	941.461	25.0189	6.51094	49.6497	-0.012188
1.09108	98.864	102.557	680.624	939.002	25.0718	6.49625	49.699	-0.012188

1.08208	96.39	102.146	682.452	938.271	24.921	6.48781	49.6003	-0.008438
1.09308	96.527	102.146	682.908	934.632	24.5664	6.44344	49.8471	-0.013125
1.09408	96.664	102.694	684.507	933.536	24.3626	6.46156	49.7977	-0.011875
1.09508	96.938	102.557	685.992	932.72	23.9581	6.52719	49.7977	-0.011563
1.09608	96.664	102.146	687.934	931.9	23.6898	6.51344	49.551	-0.010625
1.09708	96.664	102.146	688.648	931.49	24.4115	6.51781	49.5017	-0.012188
1.09808	96.664	102.557	689.419	931.081	24.7639	6.51219	49.403	-0.0125
1.09908	96.39	102.146	690.675	931.081	24.7947	6.51344	49.5017	-0.011563
1.10008	96.527	102.694	690.447	930.398	25.1288	6.51094	49.3043	-0.010313
1.10108	95.8421	101.46	690.904	931.354	25.4831	6.51594	49.5017	-0.009375
1.10208	96.664	102.557	691.475	930.261	25.1737	6.51908	49.6003	-0.010313
1.10308	96.39	102.146	691.589	929.988	25.292	6.52489	49.3043	-0.009063
1.10408	87.212	102.968	691.817	934.359	25.3449	6.52531	49.2058	-0.01125
1.10508	96.527	102.694	693.416	987.626	25.0311	6.52812	49.4523	-0.010938
1.10608	96.664	102.694	710.549	1020.82	24.758	6.53125	49.3043	-0.012813
1.10708	96.664	102.557	716.717	1060.7	24.542	6.53813	49.3043	-0.010938
1.10808	96.1161	102.146	718.088	1100.58	24.1588	6.53219	49.1562	-0.010938
1.10908	96.664	102.146	728.481	1110.55	23.8045	6.50969	49.0578	-0.011563
1.11008	96.527	102.146	732.707	1105.91	23.0338	6.48344	48.8602	-0.01125
1.11108	96.664	102.694	729.738	1094.71	23.0664	6.48489	48.8108	-0.010625
1.11208	96.801	102.557	727.798	1085.15	23.3395	6.51875	48.7121	-0.011563
1.11308	96.39	102.146	729.281	1082	23.5719	6.54069	48.4654	-0.012188
1.11408	96.2531	102.694	730.851	1083.51	23.8246	6.54094	48.6828	-0.009375
1.11508	96.664	102.694	725.397	1088.01	23.8061	6.54644	48.8135	-0.013125
1.11608	96.664	102.694	724.712	1083.07	23.9858	6.55219	48.4654	-0.011875
1.11708	96.664	102.831	726.997	1083.89	24.0406	6.55219	48.7121	-0.010313
1.11808	96.527	102.146	726.311	1094.43	23.9676	6.55125	48.5148	-0.010938
1.11908	87.212	101.597	727.91	1093.81	23.8653	6.55969	48.4654	-0.010938
1.12008	96.664	102.146	733.184	1092.52	23.8327	6.58156	48.4654	-0.010313
1.12108	96.2531	102.557	739.104	1094.43	23.5392	6.58887	48.5148	-0.011563
1.12208	96.938	102.831	741.731	1095.68	23.2865	6.55968	48.2187	-0.010938
1.12308	96.664	102.146	744.816	1097.3	23.1072	6.56219	48.288	-0.011875
1.12408	96.664	102.146	746.756	1098.35	23.3354	6.57062	48.12	-0.010313
1.12508	96.938	102.831	748.155	1098.07	23.8327	6.57219	48.0213	-0.009063
1.12608	96.2531	102.694	752.124	1094.57	24.1507	6.58489	47.9226	-0.01125
1.12708	96.664	102.146	753.287	1094.18	24.2729	6.54082	47.7253	-0.011563
1.12808	96.527	102.694	755.779	1094.43	24.7539	6.51781	47.8268	-0.010938
1.12908	96.527	102.694	758.084	1095.25	24.7784	6.49813	47.3305	-0.011563
1.13008	96.938	102.146	759.208	1095.12	24.6988	6.54344	47.0838	-0.010938
1.13108	96.664	102.146	761.49	1095.25	25.0228	6.57781	47.0344	-0.011875
1.13208	97.212	101.871	763.88	1095.8	24.7498	6.56875	46.7877	-0.011563
1.13308	96.801	102.009	768.059	1095.12	24.5501	6.57437	46.689	-0.010938
1.13408	96.938	102.146	767.658	1095.25	24.811	6.57094	46.541	-0.01
1.13508	96.938	102.146	770.856	1094.3	23.9958	6.58875	46.541	-0.009688
1.13608	96.664	102.557	773.828	1094.18	23.8531	6.56406	46.1462	-0.007813
1.13708	95.8421	102.146	775.193	1094.18	23.8979	6.56887	46.0475	-0.011563
1.13808	96.527	102.694	777.262	1094.57	22.5039	6.56531	45.9488	-0.010938
1.13908	96.2531	101.597	778.166	1093.07	22.7729	6.56219	46.541	-0.010938
1.14008	96.664	102.831	781.022	1093.81	23.099	6.56156	45.8502	-0.010938
1.14108	96.664	102.146	782.983	1093.81	22.8871	6.56219	45.8488	-0.010313
1.14208	96.664	102.146	784.877	1094.18	23.4292	6.56281	45.258	-0.010625
1.14308	97.075	102.694	785.704	1092.11	23.6208	6.55488	45.6034	-0.010938

1.14408	96.527	102.557	787.075	1092.52	23.0094	6.55469	45.3567	-0.009083
1.14508	96.684	102.148	789.017	1093.89	23.6493	6.52719	45.5541	-0.011583
1.14608	96.684	102.557	790.502	1093.89	23.474	6.49906	45.3567	-0.010313
1.14708	96.601	102.148	791.844	1093.48	22.9787	6.47219	45.258	-0.009083
1.14808	97.212	102.968	794.271	1093.89	23.2702	6.48344	44.9619	-0.012188
1.14908	97.075	102.557	793.7	1093.07	22.7037	6.55375	45.3567	-0.010825
1.15008	96.1161	101.871	795.299	1093.81	22.5284	6.53437	45.4554	-0.010313
1.15108	95.8421	102.148	796.098	1093.81	22.455	6.54219	45.3567	-0.011583
1.15208	97.212	102.148	796.327	1092.52	22.0719	6.53837	45.3567	-0.009088
1.15308	96.684	102.148	797.24	1092.93	22.667	6.53094	45.1593	-0.011875
1.15408	96.684	102.894	797.812	1093.07	23.099	6.52219	45.3567	-0.009083
1.15508	95.9791	101.597	798.497	1093.07	23.3232	6.52094	45.8995	-0.010313
1.15608	96.684	102.894	800.098	1094.57	23.6411	6.51906	45.5541	-0.01125
1.15708	97.212	103.105	801.352	1093.81	23.7834	6.52344	45.7021	-0.011583
1.15808	97.212	103.242	803.522	1094.18	23.8184	6.52187	45.6047	-0.008438
1.15908	96.684	102.148	802.609	1092.52	24.0284	6.51531	45.3567	-0.012188
1.16008	96.684	102.148	803.751	1093.07	24.1879	6.51219	45.7515	-0.011583
1.16108	96.684	102.148	805.122	1094.43	23.9224	6.51219	46.1462	-0.010313
1.16208	96.527	102.148	806.492	1094.71	23.9713	6.51658	46.6502	-0.0125
1.16308	96.938	102.148	807.177	1095.38	23.7875	6.50812	45.8995	-0.010938
1.16408	96.684	102.148	808.548	1095.25	23.6045	6.48989	46.0475	-0.012613
1.16508	96.684	102.894	809.005	1095.8	23.3968	6.44219	45.9982	-0.010313
1.16608	96.938	102.557	809.462	1095.53	22.345	6.43594	46.2449	-0.008125
1.16708	96.938	102.894	809.119	1094.43	21.8561	6.51281	45.8008	-0.011875
1.16808	96.938	102.831	809.69	1094.57	22.188	6.50719	46.0475	-0.010938
1.16908	96.684	102.148	809.462	1094.71	22.3853	6.50625	45.9982	-0.010313
1.17008	96.938	102.831	809.462	1094.18	22.2838	6.49906	45.8995	-0.012613
1.17108	96.684	102.148	809.233	1095.8	22.239	6.49989	45.8502	-0.011583
1.17208	96.2531	102.694	810.261	1096.89	22.7077	6.50084	46.2943	-0.010313
1.17308	95.9791	101.871	809.69	1096.89	22.8828	6.50187	46.1462	-0.010313
1.17408	96.527	102.148	810.718	1097.3	22.4306	6.49937	46.0475	-0.01125
1.17508	96.684	102.148	810.832	1096.35	22.5202	6.49719	45.9488	-0.011583
1.17608	96.684	102.557	810.832	1096.89	22.4143	6.49719	45.9488	-0.010938
1.17708	96.527	102.148	811.975	1096.35	22.1289	6.49844	46.1462	-0.01125
1.17808	96.684	102.148	812.548	1096.62	22.0066	6.49719	45.9488	-0.011583
1.17908	96.684	102.148	813.802	1096.89	21.7458	6.49219	45.8502	-0.01125
1.18008	96.684	102.557	814.373	1097.71	21.4849	6.49625	45.8502	-0.014063
1.18108	96.684	102.557	813.802	1096.35	21.1588	6.49344	45.2087	-0.015938
1.18208	96.684	102.42	814.944	1097.44	21.0162	6.48719	46.0475	-0.011583
1.18308	96.684	102.831	815.83	1097.44	21.4886	6.45844	46.3929	-0.008375
1.18408	96.684	102.148	816.772	1097.44	21.7132	6.43281	45.7515	-0.011583
1.18508	96.684	102.148	816.429	1097.3	22.1045	6.42908	45.8502	-0.01125
1.18608	96.684	102.894	816.429	1096.89	22.4489	6.50344	45.7515	-0.010825
1.18708	96.1161	102.148	816.543	1097.85	22.561	6.4975	45.7515	-0.010313
1.18808	96.684	102.148	816.772	1097.98	22.6364	6.49875	45.3567	-0.010313
1.18908	96.684	102.894	816.858	1098.94	22.6282	6.49906	45.3567	-0.011583
1.19008	97.212	102.894	816.543	1098.67	23.0257	6.49906	45.3567	-0.011583
1.19108	96.684	101.597	816.086	1097.44	22.8219	6.49887	45.3567	-0.010313
1.19208	97.075	102.148	815.83	1098.35	22.8219	6.49489	45.1593	-0.011583
1.19308	97.075	102.009	814.602	1098.35	22.9034	6.49719	45.3567	-0.012613
1.19408	96.684	102.148	814.944	1096.89	22.5202	6.49844	45.5541	-0.011583
1.19508	96.684	102.557	815.287	1097.44	22.0556	6.49844	45.3074	-0.010313

1.19609	96.884	102.148	815.83	1098.26	21.4523	8.50094	45.3567	-0.010313
1.19709	96.39	102.148	814.944	1098.53	21.0773	8.50062	45.3567	-0.01125
1.19809	96.39	102.148	814.944	1098.26	21.3219	8.50158	45.258	-0.011563
1.19909	96.938	102.42	815.173	1097.98	21.542	8.50344	45.3074	-0.012819
1.20009	96.39	102.148	814.716	1097.57	21.8724	8.50281	45.3074	-0.011563
1.20109	96.39	102.694	814.716	1097.85	21.9088	8.49594	45.3074	-0.010313
1.20209	96.39	102.557	815.173	1097.57	21.8988	8.48988	45.3074	-0.011563
1.20309	96.527	102.148	814.487	1097.16	21.7947	8.44489	45.0113	-0.011563
1.20409	96.527	102.148	814.487	1099.62	21.8925	8.43563	45.8502	-0.011875
1.20509	96.527	102.694	814.716	1098.94	21.8681	8.49989	46.1482	-0.010313
1.20609	96.884	102.557	814.031	1099.08	21.7865	8.51489	46.1482	-0.011563
1.20709	96.884	102.42	814.259	1099.35	21.8031	8.50969	46.1482	-0.010938
1.20809	96.884	102.557	813.802	1099.62	21.438	8.51031	46.2449	-0.010938
1.20909	97.212	103.242	813.802	1100.17	21.2322	8.51187	46.2449	-0.011563
1.21009	96.938	102.694	812.66	1100.44	20.9387	8.51344	46.541	-0.010313
1.21109	96.884	102.694	812.66	1100.44	20.8452	8.51312	46.4423	-0.009688
1.21209	96.884	102.557	812.431	1100.99	20.3355	8.51094	46.5903	-0.010625
1.21309	96.884	102.694	812.203	1100.44	20.0175	8.51469	46.689	-0.011563
1.21409	96.938	102.694	812.431	1100.17	19.9686	8.51094	46.2943	-0.010938
1.21509	96.938	102.694	812.203	1101.26	20.5067	8.51531	46.837	-0.011563
1.21609	96.884	102.148	811.632	1100.58	20.902	8.51937	47.2318	-0.010938
1.21709	96.39	102.148	811.975	1099.62	21.0284	8.51719	46.689	-0.010938
1.21809	96.884	102.694	812.666	1100.17	21.3218	8.52719	46.7384	-0.012813
1.21909	96.884	102.557	812.66	1100.17	21.4523	8.52158	46.6997	-0.010313
1.22009	97.075	102.694	814.373	1100.72	21.5908	8.52469	46.4916	-0.010313
1.22109	95.9781	102.694	814.716	1101.26	21.648	8.51858	46.541	-0.011563
1.22209	96.938	102.694	814.373	1101.26	21.599	8.48719	46.689	-0.01125
1.22309	96.884	102.148	814.63	1102.08	21.5908	8.46844	46.541	-0.010938
1.22409	96.1161	102.557	814.259	1100.72	21.5257	8.45437	46.541	-0.012188
1.22509	95.8421	102.148	814.944	1100.17	21.3749	8.52906	46.541	-0.010313
1.22609	96.884	102.148	813.688	1100.17	21.1914	8.53281	46.4916	-0.011563
1.22709	96.884	102.557	814.031	1100.72	20.4577	8.53094	46.689	-0.011563
1.22809	96.884	102.148	813.459	1101.13	20.2336	8.53825	46.7384	-0.010625
1.22909	96.884	102.148	813.117	1101.13	19.9605	8.53594	46.4423	-0.011563
1.23009	96.938	102.694	813.459	1102.08	20.417	8.53406	46.1482	-0.012188
1.23109	96.884	102.694	813.802	1101.26	20.5383	8.53531	46.3436	-0.011875
1.23209	96.527	102.148	813.117	1100.99	20.7106	8.53344	46.1482	-0.010938
1.23309	96.938	102.557	813.345	1100.44	20.7512	8.53858	46.2449	-0.01125
1.23409	96.884	102.557	812.66	1101.26	20.8083	8.53937	46.2449	-0.010313
1.23509	96.938	103.105	812.203	1100.44	20.8388	8.54489	46.4423	-0.009063
1.23609	96.801	102.988	810.947	1098.53	20.7512	8.54219	45.9982	-0.009063
1.23709	96.884	102.148	809.89	1100.17	20.7512	8.54406	46.2449	-0.011875
1.23809	97.212	101.597	809.005	1100.72	20.7023	8.54594	46.3929	-0.01125
1.23909	96.1161	102.148	808.548	1101.13	20.6371	8.54858	46.0989	-0.012188
1.24009	95.8421	102.148	808.548	1100.99	20.5148	8.55344	46.1482	-0.013125
1.24109	96.527	102.694	806.606	1100.99	20.3355	8.54912	45.9488	-0.0125
1.24209	96.884	102.148	805.578	1099.9	20.1154	8.51781	46.1482	-0.01125
1.24309	96.938	102.694	804.436	1099.9	19.7933	8.49497	46.1482	-0.012813
1.24409	96.884	102.148	802.152	1099.08	19.7037	8.47837	46.0989	-0.0125
1.24509	97.075	102.148	800.781	1099.62	19.4832	8.55906	45.9488	-0.011563
1.24609	96.39	102.694	799.639	1099.9	19.2512	8.55906	45.9488	-0.012188
1.24709	96.884	102.694	799.867	1100.31	19.5182	8.55989	46.0475	-0.009375

1.24809	96.664	103.105	786.327	1100.17	20.095	6.55906	45.9488	-0.013125
1.24909	97.212	102.631	795.756	1100.31	20.0175	6.55969	46.3828	-0.011875
1.25009	96.527	102.146	793.814	1100.17	20.2784	6.56219	46.1462	-0.011563
1.25109	96.664	102.146	793.014	1101.26	20.7594	6.56594	46.2449	-0.012188
1.25209	96.664	102.694	791.644	1101.26	20.7675	6.56469	46.1462	-0.009688
1.25309	96.664	102.146	789.931	1101.26	20.8697	6.56219	46.0475	-0.010313
1.25409	96.1181	102.146	788.903	1102.08	20.7594	6.56781	46.1956	-0.010313
1.25509	96.664	102.146	787.532	1102.35	20.9958	6.57125	46.1462	-0.011875
1.25609	97.075	102.668	786.618	1103.31	21.0162	6.57469	46.3436	-0.011875
1.25709	96.39	102.694	784.448	1101.26	20.7675	6.56719	46.4423	-0.012188
1.25809	96.664	102.557	783.534	1102.35	20.7268	6.56969	46.541	-0.008438
1.25909	97.212	102.146	781.136	1101.26	20.6045	6.56969	46.541	-0.010938
1.26009	97.349	102.146	779.308	1101.26	19.8056	6.57906	47.1331	-0.011563
1.26109	96.39	102.694	777.481	1101.26	19.3184	6.57594	46.9357	-0.011563
1.26209	96.1181	102.694	776.11	1101.81	19.6262	6.55219	46.837	-0.010313
1.26309	96.664	102.694	774.511	1102.35	19.9727	6.52375	46.9357	-0.01125
1.26409	96.2531	102.146	773.369	1102.08	20.1072	6.49969	46.9357	-0.010938
1.26509	96.664	102.694	771.085	1101.26	20.474	6.52531	46.9357	-0.010313
1.26609	96.664	102.146	769.942	1101.26	20.6269	6.57656	46.8864	-0.010313
1.26709	96.664	102.557	768.343	1101.26	20.4904	6.55469	46.9357	-0.010313
1.26809	96.601	103.105	767.886	1100.17	20.5882	6.56437	46.7384	-0.01125
1.26909	96.527	102.968	766.744	1099.49	20.8817	6.55969	46.8864	-0.007813
1.27009	96.8421	102.557	764.46	1099.8	20.7634	6.56781	46.9357	-0.012188
1.27109	96.527	102.557	763.775	1098.94	20.8001	6.55969	47.4292	-0.011875
1.27209	96.664	102.694	762.404	1099.35	20.9632	6.55656	46.9851	-0.011563
1.27309	96.664	102.146	761.033	1098.8	20.9469	6.55594	47.3305	-0.012813
1.27409	97.212	101.597	759.206	1098.53	20.7594	6.55437	47.1331	-0.011563
1.27509	96.527	102.694	757.264	1098.8	20.4007	6.55969	47.0344	-0.01125
1.27609	96.664	102.557	756.236	1097.71	20.3395	6.55469	46.8864	-0.009375
1.27709	96.39	102.631	754.409	1096.89	20.2821	6.55469	47.1331	-0.009688
1.27809	96.664	103.105	751.688	1098.28	19.8382	6.55656	47.0838	-0.010625
1.27909	95.9791	102.146	749.728	1095.25	19.7893	6.55825	47.0344	-0.011563
1.28009	96.39	102.557	747.898	1096.07	20.148	6.55656	46.9357	-0.008438
1.28109	96.664	102.694	745.5	1094.57	20.4333	6.55281	46.8864	-0.011875
1.28209	96.664	102.146	744.358	1095.53	20.5882	6.55281	47.5279	-0.011875
1.28309	96.664	102.557	741.388	1093.61	20.9183	6.53969	46.837	-0.010938
1.28409	96.664	102.694	740.246	1093.07	21.1874	6.51844	47.0344	-0.010625
1.28509	96.527	102.146	737.961	1093.07	21.061	6.48719	47.1825	-0.009375
1.28609	96.938	102.694	736.248	1092.36	21.4034	6.48531	46.9357	-0.010313
1.28709	96.664	102.146	734.635	1092.62	21.3708	6.55937	47.0838	-0.010313
1.28809	96.664	102.694	732.022	1090.88	21.1262	6.54869	47.0838	-0.008438
1.28909	96.938	102.694	729.852	1090.88	21.3545	6.55844	47.0344	-0.010938
1.29009	96.938	102.694	728.598	1090.2	21.1099	6.55969	46.9357	-0.011563
1.29109	96.801	103.242	726.997	1090.34	20.8817	6.55937	47.0838	-0.007813
1.29209	96.664	102.694	725.055	1096.07	20.6371	6.55969	46.7677	-0.011875
1.29309	96.664	102.694	725.397	1099.35	20.3273	6.56469	47.1331	-0.012188
1.29409	96.2531	102.831	724.484	1103.45	19.6914	6.55906	46.9357	-0.010625
1.29509	96.938	103.105	721.742	1105.36	19.2268	6.55656	46.837	-0.01125
1.29609	96.664	102.557	721.742	1105.5	19.1045	6.55969	46.9357	-0.010625
1.29709	96.664	102.146	719.687	1102.9	19.4532	6.55437	46.8864	-0.010938
1.29809	96.938	101.734	717.631	1101.81	19.2838	6.55469	47.2318	-0.011563
1.29909	97.212	101.871	716.945	1100.72	19.3817	6.55469	46.9851	-0.011563

1.30009	96.664	102.968	716.26	1089.9	19.7852	6.55312	47.0344	-0.011563
1.30109	96.664	102.694	714.899	1087.98	19.7078	6.55489	47.2318	-0.009888
1.30209	96.664	102.146	712.605	1086.89	19.5836	6.55582	47.1331	-0.010313
1.30309	96.627	102.694	712.034	1084.71	19.8914	6.55989	47.4785	-0.013125
1.30409	96.664	102.146	711.463	1084.02	19.5692	6.55969	47.7253	-0.010313
1.30509	95.8421	102.694	711.234	1083.34	19.3654	6.53844	47.4292	-0.010313
1.30609	96.39	102.831	712.148	1086.62	19.2166	6.51406	47.4785	-0.011563
1.30709	96.664	102.146	713.519	1088.67	19.1126	6.49594	47.6266	-0.01125
1.30809	96.664	102.146	713.29	1101.26	18.6518	6.52489	47.3305	-0.011563
1.30909	96.664	103.105	712.491	1102.06	18.6396	6.57844	47.4292	-0.010313
1.31009	96.39	102.831	713.062	1101.13	18.5175	6.56219	47.4292	-0.009888
1.31109	96.664	102.694	712.948	1100.44	17.9143	6.56761	47.3305	-0.011563
1.31209	97.212	102.694	712.034	1087.98	17.8004	6.57156	47.3305	-0.011563
1.31309	97.212	102.009	712.605	1086.89	17.8165	6.56312	47.3305	-0.005625
1.31409	96.664	102.42	711.82	1087.44	17.9306	6.56156	47.1331	-0.010625
1.31509	96.664	102.146	711.463	1087.44	18.061	6.55844	48.9357	-0.011875
1.31609	96.664	102.557	711.891	1087.85	18.2528	6.55906	47.3305	-0.010313
1.31709	96.39	102.146	711.463	1087.57	18.3612	6.56375	48.9357	-0.010313
1.31809	96.664	102.146	710.778	1086.07	18.5338	6.55969	48.9357	-0.009375
1.31909	96.664	102.146	710.549	1086.35	18.3504	6.55969	48.541	-0.010313
1.3201	97.486	102.146	711.12	1085.66	18.3708	6.58281	48.7384	-0.009688
1.3211	96.527	102.146	711.12	1084.71	18.6439	6.58281	48.6397	-0.010313
1.3221	96.39	102.557	710.208	1086.62	18.4686	6.58187	48.9357	-0.009063
1.3231	96.664	102.694	710.321	1084.71	18.114	6.55906	48.5903	-0.0125
1.3241	96.664	102.694	710.435	1084.16	18.2159	6.55969	48.8664	-0.01125
1.3251	96.39	102.694	710.321	1083.07	18.4197	6.55969	48.541	-0.010625
1.3261	96.39	102.146	710.778	1082.52	17.9306	6.56856	48.5903	-0.010625
1.3271	96.664	102.146	711.234	1081.97	17.8267	6.53437	48.541	-0.010313
1.3281	96.664	102.42	711.577	1081.43	17.9713	6.50844	48.541	-0.011563
1.3291	96.801	102.146	712.605	1081.29	17.8004	6.48531	48.2449	-0.012813
1.3301	96.664	102.557	712.839	1081.43	17.2988	6.53719	48.4423	-0.010313
1.3311	96.664	102.694	713.519	1081.43	17.3029	6.57094	46.3929	-0.012188
1.3321	96.664	102.831	714.889	1080.88	16.8706	6.55219	46.4423	-0.012813
1.3331	96.664	102.694	715.346	1083.34	16.7363	6.55594	46.2943	-0.012813
1.3341	96.527	102.557	716.717	1080.34	16.8423	6.55437	46.1482	-0.009063
1.3351	96.801	102.146	716.316	1081.7	17.0135	6.55687	46.1482	-0.010313
1.3361	96.664	102.146	716.659	1081.15	17.2417	6.55906	46.1482	-0.010625
1.3371	96.664	102.557	719.572	1081.43	17.3681	6.55531	46.0475	-0.01125
1.3381	97.212	103.242	721.514	1081.58	17.3966	6.55031	46.3436	-0.012188
1.3391	96.938	102.694	721.971	1081.7	17.5067	6.54656	45.9982	-0.01125
1.3401	96.664	102.694	722.885	1086.51	17.5823	6.54688	46.3929	-0.010625
1.3411	96.527	102.968	722.199	1087.57	17.6127	6.54187	46.1482	-0.010636
1.3421	96.2531	102.694	726.654	1082.25	17.7105	6.54219	46.4423	-0.010313
1.3431	96.938	102.146	726.425	1089.83	17.7105	6.54064	46.1462	-0.010313
1.3441	96.664	102.557	724.37	1085.42	17.7023	6.53969	46.1956	-0.010313
1.3451	96.664	102.557	726.311	1082.14	17.6371	6.53719	46.2449	-0.010313
1.3461	96.1161	102.146	728.71	1080.75	17.8942	6.53656	46.9488	-0.010625
1.3471	96.39	102.694	730.88	1089.79	17.5393	6.53719	46.1462	-0.011875
1.3481	96.39	102.831	731.451	1086.21	17.4089	6.53375	46.541	-0.010625
1.3491	96.39	102.831	734.078	1085.8	17.3722	6.51969	46.1462	-0.010636
1.3501	96.801	102.146	736.248	1085.53	17.2947	6.48719	46.1462	-0.011563
1.3511	96.527	102.694	738.591	1085.12	17.5637	6.46781	46.4916	-0.010313

1.3521	96.938	102.148	738.19	1092.38	17.9387	6.48344	46.3829	-0.010313
1.3531	96.664	102.694	741.045	1090.2	18.0121	6.54844	46.2043	-0.010313
1.3541	97.486	103.105	741.845	1090.2	18.1096	6.53344	46.541	-0.009063
1.3551	96.664	102.968	740.831	1093.81	18.5868	6.53531	46.8397	-0.010938
1.3561	96.664	102.146	743.444	1097.98	18.4034	6.53094	46.8397	-0.011876
1.3571	96.801	102.694	747.099	1111.1	18.542	6.53187	46.9357	-0.009063
1.3581	96.664	102.694	748.926	1126.87	18.9048	6.53094	47.1331	-0.012813
1.3591	97.212	102.148	751.211	1135.68	18.8681	6.52906	47.972	-0.010938
1.3601	96.938	102.831	753.952	1135	18.5787	6.53062	48.5148	-0.010625
1.3611	96.664	102.831	753.495	1123.86	18.7296	6.52906	48.0707	-0.010938
1.3621	96.527	102.557	750.982	1106.69	18.9211	6.52844	48.12	-0.010625
1.3631	96.527	102.146	750.411	1091.02	18.6031	6.52562	48.12	-0.009688
1.3641	95.581	101.871	750.411	1081.32	18.2159	6.52489	47.4292	-0.012188
1.3651	96.664	102.557	752.239	1088.15	17.9958	6.52719	47.4292	-0.010313
1.3661	96.938	102.694	756.122	1102.08	17.951	6.52781	47.1331	-0.010625
1.3671	96.2531	103.242	760.891	1113.28	17.7512	6.52582	48.837	-0.010938
1.3681	96.527	102.557	760.577	1119.56	17.2906	6.52281	48.7877	-0.009688
1.3691	96.664	102.694	759.863	1121.75	17.2947	6.51969	48.5903	-0.012188
1.3701	96.39	102.146	763.204	1116.15	16.8219	6.51719	46.889	-0.010938
1.3711	96.664	102.694	765.802	1104.27	16.3817	6.51531	46.889	-0.01126
1.3721	96.664	102.694	764.803	1100.72	16.398	6.49219	46.4423	-0.012813
1.3731	96.1161	102.146	769.257	1095.12	16.3654	6.47094	46.2449	-0.01126
1.3741	97.349	102.968	772.465	1096.39	16.6915	6.44531	46.1482	-0.010313
1.3751	96.1161	103.242	773.826	1088.15	16.8382	6.47969	46.2449	-0.009375
1.3761	96.664	102.694	769.486	1090.61	16.4877	6.52408	46.0475	-0.011563
1.3771	96.39	102.694	774.74	1111.1	16.7893	6.50812	46.2449	-0.010625
1.3781	96.1161	101.871	784.334	1113.63	16.7241	6.50937	46.1482	-0.010313
1.3791	96.664	102.831	783.877	1143.88	16.6426	6.50812	46.4423	-0.010313
1.3801	96.938	102.694	785.133	1141.01	16.3817	6.50437	46.541	-0.014063
1.3811	96.801	102.694	786.047	1128.39	16.5936	6.50156	46.8864	-0.014375
1.3821	95.9791	103.105	781.593	1111.1	16.8871	6.49969	47.4292	-0.010938
1.3831	96.527	102.146	779.308	1095.25	16.2349	6.48625	46.9357	-0.011563
1.3841	96.39	102.146	782.963	1081.59	16.3572	6.49437	46.9357	-0.010313
1.3851	97.349	103.242	784.905	1087.6	16.3817	6.49406	46.9357	-0.009063
1.3861	96.664	102.694	787.189	1101.94	15.9578	6.50437	46.541	-0.010938
1.3871	96.664	102.694	790.045	1112.19	16.0189	6.50469	46.9357	-0.010313
1.3881	97.212	102.968	789.131	1128.44	15.8844	6.50406	46.4423	-0.010313
1.3891	96.938	102.146	789.359	1185.94	15.5379	6.50437	46.3929	-0.012188
1.3901	96.664	102.694	803.066	1161.22	16.1167	6.50344	46.8397	-0.0125
1.3911	96.39	102.146	789.245	1097.71	15.9845	6.50219	46.7384	-0.012813
1.3921	96.664	101.871	765.488	1096.89	16.2594	6.50344	47.2811	-0.011663
1.3931	96.664	101.597	790.045	1116.56	16.5936	6.50219	47.8239	-0.010313
1.3941	97.212	102.831	815.401	1123.86	16.5529	6.49813	47.5772	-0.011875
1.3951	96.527	102.694	801.923	1148.52	16.8301	6.48156	48.0707	-0.010313
1.3961	96.664	102.146	793.928	1143.88	17.0267	6.44406	47.8733	-0.011875
1.3971	96.39	103.242	800.553	1110	17.0339	6.41969	47.8266	-0.01125
1.3981	95.9791	102.42	795.413	1093.07	17.0339	6.43531	47.4292	-0.010625
1.3991	96.664	102.694	788.788	1096.35	17.2784	6.49719	46.9357	-0.012188
1.4001	96.801	102.146	806.492	1097.57	17.1724	6.48489	46.837	-0.010313
1.4011	96.664	102.146	822.254	1109.32	17.1928	6.48688	46.4423	-0.010938
1.4021	96.39	102.557	813.459	1126.26	17.2458	6.48156	45.8528	-0.012813
1.4031	96.527	102.146	805.122	1128.44	17.2784	6.47969	45.7021	-0.010625

1.4041	98.664	102.694	809.005	1110.96	17.1072	8.47658	48.3438	-0.010313
1.4051	98.638	102.148	807.406	1103.45	17.1643	8.47158	45.3567	-0.009688
1.4061	98.527	102.557	807.063	1107.14	17.148	8.46937	45.7515	-0.010938
1.4071	98.664	102.148	818.886	1116.01	16.9523	8.46969	45.6034	-0.011563
1.4081	98.801	102.694	820.884	1122.02	16.9197	8.47084	45.7515	-0.01126
1.4091	97.486	102.831	813.802	1127.49	16.1493	8.46844	45.9488	-0.009375
1.4101	97.212	102.148	808.32	1153.71	15.8518	8.46219	46.0969	-0.010938
1.4111	98.664	102.694	813.459	1102.08	15.9822	8.46969	45.7021	-0.010313
1.4121	98.1161	102.831	798.04	1075.58	15.9822	8.46658	46.0969	-0.011563
1.4131	98.664	103.242	793.014	1109.48	16.1208	8.45219	45.7515	-0.015313
1.4141	98.664	102.557	822.711	1110.55	16.3896	8.45489	46.3438	-0.012188
1.4151	98.39	102.148	822.94	1111.1	16.2839	8.45158	48.837	-0.012188
1.4161	98.527	102.694	802.837	1135.54	16.5773	8.44844	46.6397	-0.011563
1.4171	98.39	101.871	808.091	1135.13	16.7159	8.44812	47.3798	-0.010938
1.4181	98.801	102.148	815.401	1101.26	16.4428	8.43969	47.3305	-0.009375
1.4191	98.2531	102.148	802.495	1105.63	16.5284	8.42594	47.2318	-0.009375
1.4201	98.664	102.148	808.548	1103.72	16.7893	8.39594	47.5279	-0.010625
1.4211	98.664	102.148	829.45	1088.26	16.398	8.37489	47.3798	-0.013438
1.4221	98.527	101.871	830.021	1110.55	16.1208	8.37489	47.5279	-0.010938
1.4231	98.1161	102.831	818.142	1120.25	16.8507	8.44584	47.1331	-0.012813
1.4241	98.664	102.148	819.97	1131.04	16.5121	8.42719	46.7384	-0.010938
1.4251	98.39	102.148	827.508	1107.27	15.9619	8.42908	46.8884	-0.012813
1.4261	97.212	102.557	817.571	1120.93	16.2431	8.42812	46.689	-0.010313
1.4271	98.664	102.968	820.427	1125.96	15.8436	8.42438	46.3438	-0.010313
1.4281	98.2531	102.148	833.904	1093.89	15.3382	8.42158	46.0475	-0.010313
1.4291	98.664	102.694	821.797	1097.71	15.8888	8.41344	46.0475	-0.010625
1.4301	98.527	102.694	815.173	1112.73	15.4768	8.40887	45.5047	-0.011875
1.4311	98.39	102.148	824.082	1117.93	15.11	8.39989	45.7515	-0.011563
1.4321	98.39	102.557	824.082	1109.87	15.3627	8.40219	45.5541	-0.010313
1.4331	98.39	102.557	813.574	1118.74	15.7821	8.39989	45.6528	-0.011563
1.4341	98.664	102.694	820.427	1104.27	15.6358	8.39719	45.8502	-0.011563
1.4351	98.527	102.968	825.909	1099.49	15.8314	8.39844	45.8034	-0.013438
1.4361	98.664	102.694	822.597	1104.54	15.9374	8.39719	46.4918	-0.011875
1.4371	98.664	102.831	819.741	1104.27	16.0597	8.39719	47.3305	-0.010938
1.4381	98.801	102.968	824.082	1118.74	16.0271	8.39719	46.9357	-0.012188
1.4391	98.527	102.694	827.28	1109.48	16.1697	8.39908	47.2811	-0.013125
1.4401	98.801	102.557	848.599	1132.95	16.2676	8.39489	47.6759	-0.011563
1.4411	98.39	102.557	824.082	1122.57	16.1575	8.39489	47.8239	-0.011563
1.4421	98.664	102.694	825.224	1099.49	16.2676	8.38094	47.972	-0.011563
1.4431	98.664	102.831	816.772	1102.08	16.2105	8.38594	48.2187	-0.011563
1.4441	98.664	102.148	819.97	1113.83	16.1616	8.38808	48.12	-0.01125
1.4451	98.1161	102.148	830.82	1114.37	16.186	8.33582	48.7615	-0.010938
1.4461	98.527	102.557	826.823	1116.42	16.0515	8.30989	48.4161	-0.009063
1.4471	98.527	102.694	819.97	1118.47	16.0878	8.32719	48.0213	-0.012813
1.4481	98.2531	102.42	825.224	1110.41	15.9578	8.38812	48.5148	-0.010938
1.4491	98.664	103.242	827.28	1111.1	15.8235	8.37489	48.5148	-0.010938
1.4501	98.664	102.557	825.909	1116.56	15.1752	8.37989	48.288	-0.011563
1.4511	98.664	103.105	829.584	1116.15	15.2159	8.37594	48.12	-0.010625
1.4521	98.1161	102.831	831.82	1111.84	14.7513	8.37187	48.3887	-0.010313
1.4531	98.2531	103.242	827.28	1112.48	14.9306	8.36875	48.5148	-0.010938
1.4541	95.9791	102.557	824.082	1110.96	15.1018	8.36594	48.3887	-0.011563
1.4551	98.39	102.148	824.196	1109.87	15.1181	8.35989	48.6828	-0.010938

1.4561	96.938	101.871	824.539	1111.1	15.1996	6.35906	48.7121	-0.012813
1.4571	96.527	102.831	824.853	1114.65	15.2567	6.35594	48.7121	-0.013438
1.4581	96.1161	102.146	825.224	1118.74	15.3871	6.35812	48.9095	-0.013125
1.45911	96.664	102.146	827.051	1122.3	15.3504	6.35489	49.7977	-0.011583
1.46011	97.212	102.968	827.051	1123.8	15.3138	6.35281	49.1562	-0.011563
1.46111	96.664	103.105	825.452	1120.39	15.379	6.35281	49.6003	-0.010625
1.46211	96.664	102.146	825.224	1117.65	15.379	6.36188	49.6003	-0.012813
1.46311	96.39	102.694	825.224	1114.37	15.3056	6.36219	49.5017	-0.011875
1.46411	96.39	102.668	825.224	1105.36	15.2852	6.36219	49.9951	-0.010313
1.46511	96.664	102.557	823.064	1094.71	15.3545	6.36489	49.9458	-0.010938
1.46611	96.39	102.146	821.226	1101.13	15.3301	6.36312	49.699	-0.011563
1.46711	96.527	102.146	824.082	1101.81	15.2078	6.36156	49.2058	-0.010838
1.46811	96.664	102.146	825.224	1101.81	15.1059	6.36219	48.9589	-0.006563
1.46911	96.664	102.968	819.284	1084.87	14.9958	6.33594	47.9228	-0.011563
1.47011	96.39	102.694	816.315	1066.3	14.6817	6.30969	47.7253	-0.008375
1.47111	96.39	102.694	814.373	1048.27	14.792	6.28989	46.541	-0.010625
1.47211	95.9791	102.694	813.674	1043.35	14.6657	6.30844	45.7515	-0.010313
1.47311	96.2531	102.694	814.373	1061.24	14.5067	6.36156	45.0806	-0.011563
1.47411	96.1161	102.694	818.599	1062.14	14.307	6.34219	44.5872	-0.01125
1.47511	96.1161	102.146	819.97	1102.35	14.2295	6.34812	44.6165	-0.012813
1.47611	96.664	102.009	815.401	1114.37	14.2132	6.34719	44.8659	-0.010313
1.47711	96.1161	102.694	810.604	1069.3	14.3314	6.34531	45.3567	-0.010938
1.47811	97.212	102.694	795.984	942.983	14.8165	6.34406	45.3567	-0.010938
1.47911	96.664	101.871	759.891	969.05	14.8246	6.33969	46.0475	-0.008438
1.48011	96.39	102.694	792.672	934.495	14.9632	6.34219	46.0475	-0.011563
1.48111	96.39	102.831	808.776	916.33	15.061	6.33844	46.1462	-0.011563
1.48211	96.664	103.242	787.875	927.809	15.1752	6.33719	45.258	-0.010938
1.48311	96.39	102.694	785.019	931.9	15.2485	6.33406	44.4192	-0.012813
1.48411	96.527	102.009	801.923	947.061	15.273	6.33437	43.3829	-0.011563
1.48511	96.838	103.105	812.888	1072.31	15.2485	6.33094	42.396	-0.010913
1.48611	96.664	102.694	847.839	1159.99	15.2567	6.33094	41.1624	-0.008375
1.48711	96.527	102.557	866.571	1123.68	15.2587	6.32781	40.5703	-0.010313
1.48811	96.938	102.694	832.648	1091.15	15.2811	6.32719	39.8301	-0.010938
1.48911	96.527	102.146	809.233	1047.45	15.1874	6.32406	39.6327	-0.010938
1.49011	96.664	102.968	824.31	1002.79	15.061	6.32489	39.4353	-0.009063
1.49111	95.8421	102.557	832.077	1017.4	14.9877	6.31969	39.5834	-0.012188
1.49211	96.527	102.694	833.904	1045.54	14.9489	6.31906	40.1755	-0.011563
1.49311	96.801	102.694	834.58	1048.54	14.8409	6.31844	40.6198	-0.011875
1.49411	96.664	102.557	824.062	1038.98	14.5393	6.30869	41.4585	-0.011875
1.49511	96.664	102.146	804.438	1032.7	14.1843	6.27781	42.1493	-0.009688
1.49611	96.664	102.42	805.238	1020.41	14.2458	6.25187	42.8895	-0.00875
1.49711	97.075	102.557	820.198	1023.41	13.9605	6.23156	43.6296	-0.010313
1.49811	96.664	102.557	828.422	1036.25	14.1562	6.29281	44.3698	-0.011875
1.49911	97.212	102.557	827.394	1041.58	14.3151	6.30844	44.3205	-0.013438
1.50011	96.664	102.42	820.427	1039.53	14.4496	6.29906	45.0113	-0.010313
1.50111	96.39	102.557	813.802	1039.66	14.5878	6.29969	45.2087	-0.009688
1.50211	96.664	102.694	808.721	1035.16	14.686	6.29375	45.3587	-0.012188
1.50311	96.664	103.105	807.977	1030.65	14.7876	6.29406	45.9488	-0.009688
1.50411	96.39	101.871	812.203	1033.79	14.8572	6.29489	45.3587	-0.010313
1.50511	96.664	102.557	816.315	1037.34	14.9428	6.29489	45.5541	-0.010313
1.50611	96.664	102.694	813.574	1037.2	14.9388	6.29187	45.5541	-0.011563
1.50711	96.664	102.968	803.979	1024.5	14.9551	6.28719	45.11	-0.010938

1.50811	98.884	102.42	794.042	1012.21	15.0284	6.28156	44.8833	-0.011683
1.50911	98.884	102.146	790.858	999.845	14.8714	6.25688	44.2218	-0.010313
1.51011	98.39	102.146	794.157	989.401	14.9714	6.21531	43.7777	-0.009063
1.51111	98.39	102.894	797.126	985.167	14.8532	6.18344	42.7908	-0.010625
1.51211	98.1161	102.42	799.296	987.079	14.7684	6.16156	42.1	-0.008438
1.51311	98.39	102.894	799.839	985.44	14.829	6.14219	41.5572	-0.011563
1.51411	98.39	102.894	798.04	982.182	14.5587	6.12584	40.7183	-0.011563
1.51511	95.8421	102.894	795.984	974.377	14.4863	6.11437	40.0275	-0.012188
1.51611	98.884	102.894	798.268	986.729	14.4089	6.10281	39.2873	-0.01125
1.51711	98.39	102.968	801.895	982.495	14.2285	6.09281	38.7445	-0.010625
1.51811	98.527	102.894	804.779	981.129	14.0828	6.09719	38.2017	-0.010625
1.51911	98.884	102.557	803.979	959.49	14.0013	6.10156	37.5802	-0.010825
1.52011	98.527	102.557	803.294	958.124	13.8749	6.08489	37.0888	-0.010938
1.52111	98.884	102.42	801.487	953.207	13.7608	6.05489	36.8201	-0.009888
1.52211	98.527	102.146	799.639	947.744	13.6263	6.02094	36.7707	-0.012188
1.52311	98.39	102.894	800.096	945.012	13.6589	5.99906	36.872	-0.010313
1.52411	95.8421	102.146	798.954	940.841	13.985	6.04158	36.376	-0.011875
1.52511	98.884	102.894	797.926	938.544	13.8827	6.06989	37.2842	-0.010938
1.52611	97.212	102.146	795.756	895.842	13.989	6.06219	36.524	-0.012188
1.52711	98.527	102.894	775.196	828.844	14.2285	6.05889	36.9188	-0.011563
1.52811	98.884	102.146	748.812	839.707	14.2621	6.05344	36.9188	-0.010938
1.52911	98.884	102.968	767.43	817.854	14.2132	6.04437	36.8894	-0.01125
1.53011	98.884	102.894	774.054	798.186	14.2581	6.03781	36.4747	-0.012188
1.53111	98.39	102.146	780.891	801.801	14.4048	6.03582	36.0789	-0.010938
1.53211	97.212	102.557	758.292	811.298	14.4252	6.02531	35.8825	-0.012813
1.53311	98.527	102.894	769.257	818.352	14.3437	6.01889	35.1423	-0.014063
1.53411	98.938	102.831	773.597	828.844	14.3518	6.02489	34.8882	-0.007813
1.53511	98.2531	102.894	774.054	830.893	14.4741	6.01687	33.9581	-0.010313
1.53611	98.938	103.105	777.938	822.088	14.5189	6.01719	33.2179	-0.01125
1.53711	98.801	102.557	780.222	810.888	14.4007	6.01584	32.9712	-0.010625
1.53811	98.884	102.968	770.285	810.342	14.3681	6.01082	32.2804	-0.010938
1.53911	98.39	102.146	769.714	824.82	14.3926	6.00906	31.7378	-0.011563
1.54011	98.884	102.146	782.735	828.888	14.4089	6.00489	31.4415	-0.010938
1.54111	98.884	103.105	779.994	831.239	13.985	6.00658	31.2441	-0.012813
1.54211	95.8421	102.831	769.029	819.903	13.61	6.00187	31.1454	-0.010313
1.54311	98.527	102.894	761.947	801.874	13.8056	5.99906	31.3428	-0.011563
1.54411	98.39	102.146	758.178	782.479	13.5937	5.98844	31.7889	-0.011563
1.54511	98.39	103.242	753.952	768.002	13.8382	5.98844	32.1817	-0.009688
1.54611	98.884	103.105	748.489	753.797	13.9788	5.99187	32.5271	-0.012813
1.54711	98.2531	102.146	745.5	741.505	14.0828	5.97856	33.2179	-0.012188
1.54811	98.884	102.146	739.104	731.844	14.1802	5.94594	33.9581	-0.01375
1.54911	98.884	102.831	732.707	740.868	14.3274	5.92375	34.3035	-0.010938
1.55011	98.527	103.105	740.38	759.87	14.4415	5.92375	34.8958	-0.01125
1.55111	98.884	103.105	754.523	764.45	14.4496	5.98719	35.3891	-0.010313
1.55211	98.527	102.894	755.779	778.743	14.4985	5.97219	36.0799	-0.010313
1.55311	98.39	102.146	755.885	780.021	14.6453	5.97584	36.872	-0.010938
1.55411	98.39	102.894	755.208	781.113	14.7023	5.97084	37.0888	-0.010313
1.55511	98.39	103.242	755.779	779.201	14.4496	5.96584	37.6088	-0.010313
1.55611	98.884	102.146	755.323	776.792	14.5882	5.96219	37.9057	-0.010313
1.55711	98.2531	102.968	754.523	777.018	14.6779	5.96084	38.1524	-0.012813
1.55811	98.938	102.894	751.888	775.104	14.47	5.95719	38.6458	-0.012813
1.55911	98.39	102.968	745.5	775.65	14.4741	5.95489	38.8825	-0.011875

1.56011	96.838	102.146	739.332	803.24	14.6616	5.95187	39.238	-0.013125
1.56111	95.5681	102.831	746.414	831.239	14.4333	5.94844	39.7808	-0.011563
1.56211	96.2531	102.831	753.267	840.117	14.2377	5.94408	39.8901	-0.012813
1.56311	96.2531	102.146	741.731	842.849	14.3763	5.94408	40.4716	-0.011563
1.56411	96.527	103.105	727.91	827.551	14.2051	5.94094	40.9157	-0.012813
1.56511	95.8421	102.694	720.372	807.337	14.0053	5.93656	41.0637	-0.013125
1.56611	96.39	102.694	716.28	814.156	13.9605	5.93656	42.1	-0.012813
1.56711	96.527	102.009	724.941	848.175	13.7893	5.93656	42.5934	-0.007813
1.56811	96.664	102.146	733.621	814.849	13.5977	5.93469	42.9388	-0.01125
1.56911	96.527	102.694	710.776	831.376	13.6589	5.92869	43.7777	-0.010625
1.57011	96.527	102.146	705.96	840.663	13.7852	5.93187	44.4192	-0.011563
1.57111	96.664	103.105	714.433	830.283	13.8994	5.92806	45.1503	-0.01125
1.57211	96.527	102.694	712.377	837.385	13.9809	5.93156	45.4554	-0.012188
1.57311	96.39	102.694	712.848	857.053	14.1725	5.92375	45.9982	-0.0125
1.57411	96.39	102.146	724.941	868.938	14.2458	5.90219	46.9357	-0.01125
1.57511	96.527	102.968	729.966	880.818	14.2051	5.87781	47.3305	-0.011563
1.57611	96.39	102.694	723.342	894.203	14.3722	5.85875	48.12	-0.010938
1.57711	96.664	103.105	717.631	895.023	14.4333	5.85531	48.6135	-0.010313
1.57811	96.1161	102.146	720.488	903.764	14.3681	5.91837	48.9095	-0.01125
1.57911	95.8421	102.146	724.484	951.978	14.3763	5.91187	49.0576	-0.011563
1.58011	96.39	102.694	735.906	961.402	14.4741	5.91156	49.3043	-0.0125
1.58111	96.39	102.146	733.964	963.997	14.4048	5.90969	49.6003	-0.011875
1.58211	96.8421	102.146	719.915	958.124	14.3233	5.90719	49.7977	-0.010938
1.58311	96.527	102.694	709.864	937.09	14.3274	5.90781	50.2912	-0.010938
1.58411	96.2531	102.146	702.762	906.223	14.2821	5.90469	50.4886	-0.010313
1.58511	96.664	103.38	695.701	880.818	14.1643	5.89969	50.6859	-0.010313
1.58611	96.527	102.657	693.646	865.794	14.0655	5.89969	50.9327	-0.010313
1.58711	96.39	102.694	696.386	901.033	13.9524	5.89781	50.8833	-0.010938
1.58811	96.1161	101.871	705.524	920.974	13.8382	5.88219	51.0807	-0.011563
1.58911	96.664	102.968	702.668	946.558	13.7363	5.89219	51.1794	-0.010313
1.59011	95.8421	102.146	695.587	969.324	13.6611	5.89313	50.9327	-0.013125
1.59111	96.1161	102.557	700.955	976.563	13.1963	5.89281	51.4261	-0.013438
1.59211	95.9791	102.146	706.209	980.523	13.2105	5.88969	51.8728	-0.011875
1.59311	96.1161	101.871	705.636	981.816	13.1045	5.89094	51.8702	-0.011563
1.59411	96.2531	102.146	708.379	976.153	13.0393	5.89094	52.413	-0.010938
1.59511	96.39	102.146	707.922	970.143	13.2717	5.88719	52.6104	-0.010313
1.59611	96.2531	102.694	703.696	1010.43	13.3736	5.88875	52.6597	-0.01125
1.59711	96.664	103.242	712.491	1038.98	13.2717	5.88719	52.6597	-0.012188
1.59812	96.527	102.694	718.316	1045.54	13.396	5.88584	52.4625	-0.012188
1.59912	96.938	102.968	707.006	1046.9	13.5284	5.88582	52.7091	-0.011875
1.60012	96.664	103.105	700.726	1026.28	13.4958	5.88719	53.2519	-0.010625
1.60112	96.664	102.694	696.386	990.63	13.5284	5.87844	52.8571	-0.011563
1.60212	96.527	102.968	691.589	958.26	13.6507	5.85219	53.6466	-0.011563
1.60312	96.1161	102.146	687.02	933.539	13.6181	5.83219	53.9427	-0.010313
1.60412	96.527	102.694	687.934	960.309	13.6181	5.81406	53.9427	-0.010313
1.60512	96.39	102.694	699.584	987.628	13.7078	5.85781	54.0907	-0.012188
1.60612	95.8421	102.009	698.442	1011.39	13.6996	5.88719	54.3374	-0.013125
1.60712	95.8421	102.009	690.447	1039.53	13.6589	5.87906	54.6335	-0.009063
1.60812	96.39	102.831	697.985	1047.31	13.7078	5.87594	54.6335	-0.012813
1.60912	96.39	102.694	704.153	1051	13.7078	5.87469	54.6335	-0.0125
1.61012	96.2531	102.694	703.468	1062.5	13.6589	5.87562	55.1763	-0.010938
1.61112	96.39	102.831	704.838	1045.64	13.6833	5.87344	55.3243	-0.009688

1.61212	96.527	102.694	705.087	1037.75	13.5977	5.88781	54.8309	-0.014888
1.61312	96.39	102.42	701.64	1076.68	13.5284	5.87156	55.3243	-0.011875
1.61412	96.2531	102.557	708.493	1108.64	13.5386	5.86594	55.423	-0.011563
1.61512	96.2531	102.694	715.348	1114.65	13.398	5.86406	54.7322	-0.010938
1.61612	96.527	102.146	704.838	1113.55	13.2187	5.86825	54.7815	-0.012813
1.61712	96.39	102.968	697.528	1087.47	13.3002	5.88219	54.2387	-0.01376
1.61812	96.1161	102.146	693.759	1048.13	13.4225	5.88281	54.4361	-0.010938
1.61912	96.39	102.694	689.19	1013.03	13.504	5.88281	54.3374	-0.012188
1.62012	96.1161	102.146	684.85	987.079	13.61	5.88582	54.2387	-0.012188
1.62112	96.39	102.694	680.678	1014.4	13.8056	5.88906	53.992	-0.013438
1.62212	96.1161	102.146	697.528	1039.53	13.8545	5.88719	54.0414	-0.011875
1.62312	96.1161	102.146	696.158	1063.94	13.8545	5.88489	53.4492	-0.011875
1.62412	96.2531	102.694	688.391	1088.7	14.0013	5.88719	53.8933	-0.012188
1.62512	96.664	102.694	695.815	1085.69	14.0828	5.88844	53.6468	-0.01125
1.62612	96.39	102.968	700.488	1080.5	14.0583	5.88812	53.2519	-0.011563
1.62712	96.39	102.557	700.488	1075.04	14.1032	5.87156	53.3505	-0.011563
1.62812	96.39	102.694	705.295	1063.02	14.1521	5.88656	53.1532	-0.011875
1.62912	96.39	102.694	707.485	1049.83	14.0502	5.84719	53.0545	-0.012188
1.63012	96.938	102.831	702.782	1031.88	14.0746	5.82281	52.265	-0.0125
1.63112	96.2531	102.968	694.102	1024.23	13.9768	5.79844	52.0878	-0.011875
1.63212	96.2531	102.146	694.102	1031.2	13.7689	5.80719	51.6728	-0.010938
1.63312	96.664	103.38	702.211	1006.2	13.9279	5.87562	51.1794	-0.010313
1.63412	96.39	102.694	694.33	990.357	13.8056	5.85156	50.4888	-0.011875
1.63512	96.2531	102.694	691.381	1016.03	13.8589	5.85781	50.6386	-0.012188
1.63612	96.527	102.146	709.664	1082.41	13.5855	5.85582	50.7353	-0.009375
1.63712	96.39	102.968	726.311	1058.1	13.398	5.85719	50.2418	-0.010625
1.63812	95.9791	102.557	701.526	1075.04	13.3165	5.85594	50.4888	-0.01125
1.63912	95.5681	102.146	697.643	1065.48	13.1168	5.84989	50.6872	-0.012188
1.64012	96.1161	102.146	711.691	1040.07	12.9333	5.85344	50.6386	-0.011563
1.64112	95.9791	102.694	708.836	1047.04	12.9333	5.84989	50.8833	-0.011875
1.64212	96.1161	102.968	707.123	1087.94	12.754	5.84625	51.1794	-0.011563
1.64312	96.39	102.694	719.687	1075.04	12.3708	5.84906	52.1663	-0.011875
1.64412	96.39	102.694	720.258	1087.6	12.4687	5.84719	52.4623	-0.010313
1.64512	95.8421	103.242	707.694	1099.82	12.4279	5.84489	52.4623	-0.010625
1.64612	96.1161	102.694	704.724	1101.26	12.4116	5.84594	53.2519	-0.013125
1.64712	95.9791	102.146	715.118	1146.11	12.5885	5.84594	53.7948	-0.011563
1.64812	96.39	103.242	729.852	1172.26	12.8396	5.84858	53.5973	-0.011875
1.64912	96.2531	102.694	726.598	1189.42	12.8763	5.85031	53.7453	-0.010313
1.65012	96.1161	102.557	716.318	1152.62	12.8763	5.84825	53.844	-0.010313
1.65112	96.1161	101.734	716.603	1120.25	12.8233	5.84531	54.1401	-0.010938
1.65212	96.39	102.968	711.92	1082.88	13.0189	5.84887	54.3888	-0.010313
1.65312	96.527	102.146	705.752	1054.82	12.9741	5.84887	54.3888	-0.009375
1.65412	96.1161	101.734	708.151	1044.89	13.1045	5.84719	54.7815	-0.010938
1.65512	96.527	102.694	717.859	1085.69	13.2146	5.84625	55.0776	-0.010938
1.65612	96.1161	102.694	728.852	1104.81	13.1045	5.83719	54.4361	-0.014063
1.65712	96.39	101.871	723.57	1135.27	13.2024	5.81687	55.3243	-0.013125
1.65812	96.527	102.968	719.001	1152.21	13.3002	5.79489	56.1832	-0.012188
1.65912	96.1161	102.694	726.768	1152.62	13.2187	5.77469	55.8178	-0.01125
1.66012	96.664	102.694	729.509	1155.62	13.3572	5.82219	56.3606	-0.010625
1.66112	95.9791	102.42	731.451	1151.8	13.2798	5.85281	56.9034	-0.010938
1.66212	95.9791	103.242	737.048	1140.8	13.292	5.83989	56.854	-0.0125
1.66312	96.664	102.968	738.647	1144.83	13.1371	5.84261	57.0021	-0.01376

1.66412	95.5681	102.146	737.276	1201.24	13.023	5.84158	57.2981	-0.011875
1.66512	96.1161	102.557	746.043	1214.35	13.0597	5.83969	57.2488	-0.011875
1.66612	96.664	102.146	742.987	1223.37	12.8681	5.84125	57.0021	-0.011563
1.66712	95.8421	102.557	737.505	1207.8	12.8477	5.83656	57.0021	-0.009688
1.66812	95.8421	102.694	735.906	1188.19	13.0964	5.83344	56.9527	-0.012813
1.66912	96.1161	102.694	732.479	1129.67	13.1861	5.83406	57.8409	-0.012188
1.67012	96.1161	102.146	727.225	1097.3	13.4102	5.83156	57.6929	-0.011563
1.67112	96.39	103.105	726.54	1088.7	13.4225	5.83219	57.7916	-0.0125
1.67212	95.8421	102.968	732.822	1128.31	13.4714	5.83158	57.4955	-0.01375
1.67312	95.8421	103.105	742.53	1147.02	13.7404	5.83344	57.4955	-0.010938
1.67412	96.1161	102.557	738.382	1178.02	13.667	5.83281	57.2961	-0.011563
1.67512	96.527	102.146	738.647	1190.18	13.7322	5.83094	57.2488	-0.012188
1.67612	96.1161	102.557	747.327	1188.67	13.8219	5.82844	57.6435	-0.011563
1.67712	95.8421	102.968	750.982	1192.5	13.8301	5.83156	57.3968	-0.010825
1.67812	96.1161	102.146	755.323	1186.49	13.7812	5.83219	57.5942	-0.012188
1.67912	96.1161	102.557	759.434	1176.11	13.7363	5.83562	57.9889	-0.014063
1.68012	95.9791	102.694	759.891	1182.94	13.6263	5.83344	58.5811	-0.010938
1.68112	96.1161	102.694	760.12	1236.39	13.6466	5.83468	58.1863	-0.013438
1.68212	96.39	102.42	768.572	1251.91	13.7078	5.83406	57.9889	-0.012813
1.68312	96.1161	102.557	765.145	1261.75	13.5529	5.83219	57.9889	-0.010938
1.68412	96.1161	102.146	759.683	1246.04	13.2757	5.81968	58.1863	-0.012813
1.68512	95.9791	102.694	759.683	1206.16	13.1616	5.79219	58.285	-0.011563
1.68612	96.1161	102.146	754.409	1169.96	13.1371	5.77158	58.7785	-0.011563
1.68712	95.9791	102.557	748.812	1136.41	13.345	5.76469	59.2719	-0.010313
1.68812	96.2531	102.694	748.584	1127.35	13.0964	5.83187	58.2226	-0.01125
1.68912	95.9791	102.146	756.323	1169.55	12.9415	5.82813	58.6867	-0.007188
1.69012	96.2531	102.146	761.49	1189.22	12.7377	5.82968	59.568	-0.012188
1.69112	95.9791	102.557	757.835	1219.68	12.6054	5.83594	60.5055	-0.010313
1.69212	95.8421	102.557	758.635	1234.16	12.5135	5.83094	60.1601	-0.011563
1.69312	96.1161	102.631	765.374	1232.24	12.6602	5.83063	60.3575	-0.012188
1.69412	95.9791	101.871	767.201	1226.51	12.1426	5.83219	60.7523	-0.012188
1.69512	95.8421	102.694	768.343	1217.63	12.0203	5.82813	60.6536	-0.01125
1.69612	95.8421	102.557	773.141	1189.33	12.3219	5.82719	60.7523	-0.011563
1.69712	96.39	102.631	774.611	1185.23	11.9795	5.82969	60.3575	-0.012813
1.69812	95.2942	103.242	773.597	1242.21	12.3179	5.82969	60.0121	-0.010825
1.69912	96.2531	102.631	781.138	1175.56	12.486	5.82844	59.7654	-0.009688
1.70012	95.9791	102.968	782.747	1164.09	12.216	5.82969	59.0252	-0.009688
1.70112	96.1161	102.557	759.777	1140.46	12.486	5.83156	58.3837	-0.014063
1.70212	95.2531	102.146	778.339	1085.42	12.5461	5.82875	58.3837	-0.010313
1.70312	96.1161	102.631	764.232	1074.49	12.4687	5.82719	57.7422	-0.010825
1.70412	96.1161	103.242	759.549	1101.13	12.6236	5.82469	57.6435	-0.012188
1.70512	96.664	102.557	782.621	1194.14	12.4727	5.82531	57.1994	-0.012813
1.70612	95.9791	102.694	806.606	1226.37	12.6358	5.82594	57.1994	-0.012813
1.70712	96.2531	102.694	787.532	1231.58	12.5908	5.82469	58.9034	-0.012188
1.70812	96.2531	102.146	772.912	1210.53	12.5583	5.82406	57.1501	-0.012813
1.70912	96.1161	103.105	786.618	1186.9	12.7214	5.82219	57.3968	-0.011563
1.71012	96.664	102.146	784.642	1182.39	12.6399	5.82437	57.6435	-0.0125
1.71112	96.1161	103.105	789.616	1208.34	12.5461	5.81719	58.1863	-0.009688
1.71212	96.1161	102.694	798.555	1214.9	12.6073	5.78906	58.9265	-0.013438
1.71312	96.1161	102.557	800.086	1214.9	12.5013	5.76781	58.6867	-0.01125
1.71412	95.9791	103.105	783.306	1222.27	12.542	5.74969	59.568	-0.011563
1.71512	96.39	102.146	778.339	1266.53	12.4401	5.75156	60.1108	-0.010938

1.71612	95.9791	103.105	794.842	1288.65	12.4238	5.82989	59.9134	-0.012813
1.71712	96.1161	102.694	800.324	1297.94	12.4035	5.81858	59.718	-0.012813
1.71812	95.9791	102.694	791.872	1288.24	12.1874	5.81719	59.4893	-0.010313
1.71912	96.39	102.557	788.446	1248.77	12.1428	5.81582	59.3213	-0.010825
1.72012	96.1161	102.146	784.791	1212.3	12.2883	5.81719	59.4893	-0.01125
1.72112	96.2531	102.009	776.28	1188.08	12.379	5.81594	59.6867	-0.011675
1.72212	96.39	102.557	778.851	1165.05	12.5013	5.81781	59.7654	-0.010313
1.72312	96.1161	102.694	783.763	1201.24	12.648	5.81344	59.864	-0.012188
1.72412	95.8421	101.871	797.012	1227.19	12.7377	5.81344	59.9627	-0.012188
1.72512	95.5681	102.694	797.583	1249.04	12.8111	5.81344	59.9134	-0.010313
1.72612	96.1161	102.831	793.014	1265.71	12.9578	5.81094	59.9627	-0.010838
1.72712	95.7051	103.242	798.213	1284.81	13.1045	5.81158	59.9627	-0.011563
1.72812	96.2531	102.831	798.04	1284.48	13.0556	5.80989	60.1601	-0.010838
1.72912	96.527	102.694	799.639	1284.81	13.1045	5.81187	60.1601	-0.010825
1.73012	95.9791	103.242	803.522	1265.05	13.2064	5.80989	60.5549	-0.011563
1.73112	96.527	102.146	804.436	1247.81	13.2553	5.81531	60.7523	-0.010838
1.73212	96.1161	102.694	801.923	1279.37	13.1881	5.81187	60.5549	-0.012813
1.73312	95.8421	102.694	806.284	1320.75	13.2757	5.80989	60.2588	-0.014063
1.73412	96.1161	102.009	808.662	1327.44	13.235	5.81281	59.9627	-0.011563
1.73512	96.1161	102.694	802.38	1331.27	13.182	5.81344	60.2588	-0.011563
1.73613	96.1161	102.557	801.01	1296.65	13.235	5.81344	59.6867	-0.012188
1.73713	96.39	102.146	800.21	1255.19	13.0719	5.81406	59.864	-0.010938
1.73813	96.1161	102.694	794.728	1222.82	13.1697	5.81469	59.7654	-0.011563
1.73913	95.5681	102.694	792.558	1190.31	13.0801	5.81187	59.9627	-0.010938
1.74013	95.9791	102.694	793.928	1203.97	12.9741	5.79094	59.9134	-0.012813
1.74113	96.1161	102.694	800.553	1240.03	13.0312	5.78719	59.9627	-0.01375
1.74213	96.1161	102.557	804.436	1258.8	12.8274	5.74406	59.7654	-0.010825
1.74313	95.8421	102.146	800.781	1283.8	12.7377	5.72875	59.3708	-0.010313
1.74413	96.1161	102.146	806.035	1285.37	12.7498	5.79158	59.588	-0.008083
1.74513	95.5681	102.831	810.718	1284.42	12.3423	5.81312	59.4893	-0.010938
1.74613	96.527	102.146	811.975	1285.92	11.9184	5.80344	59.7654	-0.011563
1.74713	96.1161	102.557	818.315	1278.68	11.9858	5.80344	59.9627	-0.010313
1.74813	96.39	103.105	817.229	1268.26	11.898	5.80489	60.1108	-0.011875
1.74913	96.527	101.871	813.802	1279.37	11.8124	5.80187	60.2085	-0.011563
1.75013	96.39	102.831	813.117	1333.45	11.8958	5.80156	60.1108	-0.010625
1.75113	96.527	102.557	818.513	1344.24	11.9873	5.80187	60.1601	-0.010313
1.75213	96.39	102.694	813.802	1355.71	12.0203	5.79989	59.588	-0.010313
1.75313	96.2531	102.146	809.119	1335.36	12.0811	5.79658	59.718	-0.010938
1.75413	96.1161	102.557	808.091	1282.89	12.0774	5.79531	60.0121	-0.011563
1.75513	96.4312	102.694	802.38	1257.79	12.1283	5.79531	59.8147	-0.013125
1.75613	96.39	102.831	798.84	1225.01	12.167	5.79594	60.3575	-0.010938
1.75713	96.1161	102.694	798.954	1210.53	12.1898	5.79562	60.5055	-0.012188
1.75813	96.2531	102.831	802.723	1253.89	12.2078	5.79658	60.5055	-0.01125
1.75913	96.39	102.694	810.033	1270.49	12.2078	5.79719	60.3575	-0.012188
1.76013	95.8421	102.146	807.408	1296.71	12.1874	5.80125	60.2588	-0.01125
1.76113	96.664	102.694	808.205	1309.69	12.163	5.79938	60.1601	-0.01125
1.76213	95.9791	102.831	814.802	1304.22	12.1815	5.80158	60.3082	-0.010938
1.76313	96.1161	102.694	814.83	1296.71	12.1344	5.79989	60.1601	-0.013125
1.76413	96.1161	102.694	815.858	1289.47	12.0529	5.80219	60.1108	-0.01125
1.76513	95.9791	102.694	818.599	1289.94	12.0611	5.80344	59.9627	-0.011563
1.76613	95.5681	102.694	817.114	1257.79	12.0611	5.80687	59.4893	-0.010825
1.76713	96.1161	102.557	814.259	1293.02	11.9143	5.80844	59.1732	-0.010313

1.76813	96.1161	102.146	819.741	1248.5	11.9184	5.80719	58.5317	-0.011563
1.76913	95.5681	102.694	805.693	1215.72	11.8328	5.79219	58.4824	-0.010313
1.77013	96.1161	102.694	796.497	1206.34	11.735	5.7625	57.6829	-0.010625
1.77113	95.5681	102.968	811.746	1149.34	11.8005	5.73719	57.1007	-0.010313
1.77213	96.527	102.968	803.066	1137.59	11.5638	5.72806	56.8047	-0.010625
1.77313	96.1161	102.694	795.527	1152.62	11.5556	5.80156	56.558	-0.011563
1.77413	96.1161	103.242	811.746	1241.94	11.3497	5.79989	56.5086	-0.011563
1.77513	95.5681	102.694	834.381	1279.91	11.3111	5.79531	56.3112	-0.011875
1.77613	96.2531	102.146	820.884	1281.93	11.3437	5.79531	56.3112	-0.013438
1.77713	96.39	102.968	807.292	1264.48	11.5149	5.79489	56.4099	-0.010313
1.77813	95.5681	102.831	815.858	1240.44	11.8045	5.79219	56.6073	-0.013438
1.77913	95.5681	103.105	823.054	1234.43	11.6616	5.79489	57.0021	-0.011563
1.78013	96.664	102.146	819.17	1257.79	11.7767	5.79219	57.7422	-0.011563
1.78113	96.664	102.146	824.995	1271.72	11.8002	5.79094	58.2357	-0.010938
1.78213	96.1161	102.557	828.193	1274.45	11.841	5.79031	58.9758	-0.013438
1.78313	96.1161	102.146	814.031	1278.82	11.9632	5.78937	59.4693	-0.010938
1.78413	95.8421	102.831	804.322	1289.06	11.9469	5.78937	60.1106	-0.012813
1.78513	95.9791	102.557	813.459	1336.73	11.9795	5.79125	60.2688	-0.010313
1.78613	96.1161	102.557	826.422	1351.07	12.0121	5.78969	60.2095	-0.012188
1.78713	96.1161	102.831	821.797	1352.16	11.9266	5.78969	60.3575	-0.009688
1.78813	96.1161	102.694	813.117	1329.08	12.0285	5.78969	60.5055	-0.009375
1.78913	96.1161	102.009	811.975	1281.66	12.0285	5.78906	60.5549	-0.012813
1.79013	96.1161	103.242	806.149	1264.48	12.1263	5.78937	60.7523	-0.012813
1.79113	96.2531	101.871	803.406	1238.39	12.0611	5.78969	61.3444	-0.012813
1.79213	96.1161	102.694	807.977	1229.1	11.898	5.78937	61.5418	-0.0125
1.79313	96.1161	103.242	814.373	1272.81	11.9958	5.79531	61.4431	-0.012813
1.79413	95.8421	102.557	822.483	1288.11	11.9958	5.79219	61.7391	-0.014375
1.79513	96.1161	102.557	817.114	1311.05	11.8491	5.79489	61.9365	-0.011563
1.79613	96.527	102.694	813.459	1323.34	11.9388	5.79406	62.5287	-0.012188
1.79713	96.39	102.694	818.599	1321.3	11.7564	5.79489	62.5287	-0.011563
1.79813	96.527	102.831	819.741	1324.03	11.829	5.77344	62.9728	-0.012813
1.79913	95.9791	103.105	821.589	1321.71	11.7431	5.75219	63.3182	-0.012188
1.80013	96.2531	102.831	822.14	1308.87	11.3641	5.73469	63.5158	-0.014688
1.80113	96.39	102.831	821.34	1303.27	11.148	5.74187	64.2064	-0.010938
1.80213	96.527	102.831	818.772	1344.51	11.148	5.80969	64.0583	-0.010938
1.80313	95.8421	102.694	821.34	1379.75	11.2132	5.79489	63.6636	-0.012188
1.80413	96.1161	102.831	824.539	1390.13	10.9524	5.79969	63.9103	-0.01125
1.80513	95.9791	102.831	819.17	1390.54	10.932	5.79219	64.3051	-0.011563
1.80613	95.9791	102.968	817.914	1353.39	11.038	5.78719	64.009	-0.012813
1.80713	96.1161	102.694	814.487	1313.92	11.091	5.78719	64.3051	-0.012813
1.80813	96.1161	102.968	808.776	1284.15	11.1399	5.78844	64.6011	-0.011563
1.80913	96.2531	103.242	807.177	1248.77	11.1869	5.78906	64.8972	-0.012188
1.81013	96.1161	102.694	807.977	1265.02	11.3437	5.78625	65.1933	-0.008125
1.81113	95.5681	102.694	812.888	1297.94	11.3111	5.78469	64.6998	-0.013438
1.81213	96.1161	102.694	816.201	1317.06	11.2666	5.78219	65.0452	-0.0125
1.81313	95.9791	102.557	812.888	1341.24	11.2785	5.78219	65.292	-0.012188
1.81413	96.527	102.557	817.114	1342.33	11.307	5.78344	65.292	-0.011563
1.81513	96.1161	102.694	820.769	1341.51	11.3111	5.78437	65.3907	-0.012813
1.81613	96.1161	102.694	821.226	1345.33	11.2948	5.78219	66.0815	-0.01125
1.81713	96.664	102.694	823.853	1336.18	11.3559	5.78469	65.8841	-0.01125
1.81813	96.2531	102.968	823.739	1327.31	11.3437	5.78781	66.6243	-0.010313
1.81913	96.39	101.871	819.284	1331.13	11.2785	5.78469	66.871	-0.010938

1.82013	96.2531	103.105	817	1384.67	11.3028	5.78437	66.7723	-0.009375
1.82113	96.664	102.894	824.082	1400.24	11.2132	5.78656	66.7723	-0.010313
1.82213	96.664	102.557	821.34	1412.12	11.1562	5.78469	66.5749	-0.013438
1.82313	95.5681	102.968	814.716	1399.97	11.1154	5.78219	66.9897	-0.012188
1.82413	95.8421	102.146	813.117	1360.22	11.1073	5.77969	67.5618	-0.010313
1.82513	96.1161	102.146	809.119	1328.35	11.0502	5.78312	67.3644	-0.013438
1.82613	96.39	102.831	805.122	1293.3	10.9687	5.775	68.0059	-0.010625
1.82713	96.2531	102.968	805.122	1266.8	10.8709	5.74856	68.3513	-0.010625
1.82813	96.1161	102.694	805.35	1300.95	10.8545	5.72563	68.3513	-0.012813
1.82913	96.1161	102.831	812.203	1328.08	10.7649	5.71094	68.2528	-0.011875
1.83013	96.1161	103.105	811.289	1348.07	10.6752	5.72406	68.6474	-0.010838
1.83113	96.2531	102.831	808.091	1365.89	10.6507	5.79219	68.5981	-0.013125
1.83213	96.664	102.831	813.459	1352.03	10.5529	5.77938	68.45	-0.010313
1.83313	95.8421	102.146	814.83	1342.74	10.4021	5.77989	68.4007	-0.011875
1.83413	96.1161	102.831	814.716	1334.68	10.3491	5.78082	68.7461	-0.011563
1.83513	96.39	102.557	818.599	1321.43	10.3124	5.78344	69.0422	-0.010313
1.83613	96.1161	102.557	818.599	1308.87	10.2431	5.78469	68.0059	-0.011563
1.83713	96.1161	102.694	814.031	1288.98	10.3002	5.78437	68.1048	-0.010313
1.83813	96.1161	102.557	804.436	1251.91	10.3858	5.78219	67.2184	-0.011875
1.83913	96.1161	103.242	806.264	1261.61	10.7078	5.78219	66.4762	-0.010313
1.84013	95.9791	102.694	815.83	1242.21	10.5244	5.77688	65.8841	-0.011563
1.84113	95.9791	102.694	808.434	1230.2	10.6915	5.77656	65.588	-0.012813
1.84213	96.1161	103.242	803.18	1231.87	10.7812	5.77375	65.3413	-0.010313
1.84313	96.1161	102.968	813.003	1321.18	10.8423	5.77562	65.292	-0.010313
1.84413	95.5681	102.894	829.564	1333.45	10.8709	5.77156	64.7885	-0.014063
1.84513	96.1161	102.694	814.716	1310.37	10.9483	5.77219	65.44	-0.0125
1.84613	96.39	102.831	798.497	1308.05	10.9872	5.77719	65.9828	-0.011563
1.84713	96.1161	102.831	817.685	1271.44	11.0257	5.77406	65.8841	-0.012813
1.84813	96.39	102.146	817.229	1277.18	11.0135	5.77469	66.4269	-0.011875
1.84913	96.2531	102.968	810.804	1308.87	11.0706	5.77281	66.8203	-0.011563
1.85013	96.1161	102.831	820.998	1315.7	11.0339	5.77469	67.4138	-0.010938
1.85113	96.1161	102.968	822.254	1327.99	11.0176	5.77406	67.8579	-0.010625
1.85213	95.9791	102.968	809.482	1343.56	11.0865	5.77344	68.2528	-0.010313
1.85313	96.39	102.694	806.149	1336.48	11.0013	5.77469	68.9436	-0.010938
1.85413	95.8421	102.557	813.117	1327.99	10.9524	5.77469	69.0422	-0.011563
1.85513	96.1161	102.694	817.685	1364.48	10.9788	5.76969	68.5981	-0.014063
1.85613	96.39	102.694	821.797	1397.37	10.9524	5.75219	68.9928	-0.012813
1.85713	95.8421	102.694	824.082	1393.41	10.8872	5.72844	69.0422	-0.012188
1.85813	96.1161	102.831	814.487	1400.51	10.8953	5.70719	68.4007	-0.012813
1.85913	96.1161	102.694	811.175	1373.33	10.8138	5.69469	68.5981	-0.010938
1.86013	95.9791	102.694	810.804	1341.51	10.667	5.75812	68.8941	-0.010625
1.86113	96.1161	102.694	809.233	1320.34	10.6752	5.77469	68.9928	-0.012813
1.86213	95.5681	102.557	810.832	1288.19	10.2961	5.76719	69.4369	-0.009688
1.86313	96.2531	102.968	812.68	1283.19	10.2839	5.76719	69.3362	-0.012188
1.86413	96.2531	102.146	812.68	1320.75	10.3247	5.76813	69.5356	-0.011563
1.86513	96.1161	102.694	813.802	1333.72	10.1453	5.76656	69.4369	-0.011875
1.86613	96.1161	102.557	807.634	1357.76	10.0393	5.76344	69.0422	-0.012188
1.86713	95.9791	102.968	811.061	1365.14	10.2513	5.76437	69.4369	-0.012188
1.86813	95.5681	102.694	815.63	1383.5	10.2594	5.76406	69.9304	-0.011563
1.86913	95.5681	102.694	814.944	1364.59	10.3084	5.76219	69.8317	-0.010313
1.87013	96.39	102.968	817	1368.04	10.3573	5.76584	70.0281	-0.010313
1.87113	95.8421	102.009	817.457	1348.75	10.3858	5.76281	70.1277	-0.012188

1.87213	95.8421	103.105	814.718	1348.02	10.4184	5.75989	70.3745	-0.012188
1.87313	98.1161	102.831	812.203	1390.82	10.4288	5.78281	70.1277	-0.012813
1.87413	98.39	102.557	819.858	1420.32	10.4551	5.78594	70.0784	-0.011563
1.87514	96.527	102.694	824.082	1428.36	10.4632	5.78687	69.8836	-0.011563
1.87614	98.1161	102.694	814.716	1421.14	10.4898	5.78468	69.8343	-0.010313
1.87714	98.39	102.694	812.089	1382.07	10.4469	5.75719	69.2395	-0.01375
1.87814	98.527	102.694	808.091	1347.79	10.5122	5.78158	69.733	-0.012813
1.87914	98.39	102.146	802.723	1317.88	10.5285	5.75989	70.5225	-0.01125
1.88014	98.1161	102.146	803.066	1284.89	10.604	6.78375	70.2284	-0.012813
1.88114	98.2531	102.146	802.152	1298.78	10.4796	6.78531	70.4732	-0.010938
1.88214	98.664	102.146	808.721	1332.63	10.4838	5.78437	70.3251	-0.012188
1.88314	98.527	102.694	809.348	1347.88	10.4959	5.78594	70.2284	-0.0125
1.88414	98.527	102.694	803.979	1371.97	10.4469	5.78658	70.0784	-0.011563
1.88514	98.1161	102.831	807.408	1371.83	10.4551	5.78469	69.7823	-0.01125
1.88614	98.1161	102.831	810.947	1370.06	10.4306	6.74684	70.2758	-0.012188
1.88714	98.1161	103.242	810.832	1373.33	10.398	6.72158	70.2284	-0.010313
1.88814	98.2531	102.694	812.203	1365.55	10.3328	5.70084	70.6212	-0.010313
1.88914	98.1161	102.557	811.289	1358.86	10.3002	5.69909	71.0659	-0.012188
1.89014	98.9791	102.968	809.005	1358.58	10.288	5.77158	71.9042	-0.013125
1.89114	98.39	101.871	805.807	1408.83	10.2288	5.76406	71.4107	-0.0125
1.89214	98.2531	102.694	814.716	1430.15	10.1688	5.78468	71.184	-0.012813
1.89314	98.938	102.557	817.229	1440.53	10.1372	5.78489	71.2139	-0.012188
1.89414	95.9791	102.557	808.091	1432.81	10.0838	5.78219	71.2827	-0.012813
1.89514	98.39	102.694	805.236	1397.1	10.0108	5.75989	71.5587	-0.010825
1.89614	98.2531	102.009	801.238	1362.41	9.96597	5.75781	71.7088	-0.011563
1.89714	98.1161	103.242	796.555	1330.45	9.92113	5.75908	72.2989	-0.011563
1.89814	98.39	102.146	795.841	1297.94	9.88407	5.78187	72.4489	-0.012813
1.89914	95.5681	102.694	794.271	1317.08	9.77847	5.75781	72.1509	-0.011563
1.90014	98.39	102.831	798.268	1348.2	9.79477	5.75989	72.5456	-0.012188
1.90114	98.2531	102.146	798.954	1359.13	9.81108	5.75781	72.8443	-0.010838
1.90214	98.39	102.146	792.443	1366.37	9.78477	5.75989	72.1015	-0.009063
1.90314	98.39	102.831	793.471	1347.11	10.0383	5.76219	71.7088	-0.010838
1.90414	98.664	102.694	795.984	1330.72	10.1494	5.76219	71.2827	-0.011563
1.90514	95.5681	102.694	796.889	1331.81	10.1898	6.78344	71.1146	-0.0125
1.90614	95.5681	102.557	800.553	1295.07	10.2921	5.75989	70.8212	-0.012188
1.90714	98.938	102.694	793.357	1236.75	10.3002	5.78437	70.4238	-0.010313
1.90814	98.1161	103.242	782.048	1241.94	10.3002	5.78187	69.8317	-0.010625
1.90914	98.1161	102.694	793.928	1252.32	10.3899	5.78187	69.2395	-0.012813
1.91014	95.8421	102.694	799.411	1274.58	10.4999	5.78219	69.0422	-0.010825
1.91114	98.39	102.557	794.613	1309.98	10.5122	5.75989	68.6987	-0.011875
1.91214	98.1161	102.831	801.238	1408.88	10.4918	5.75989	68.8474	-0.010938
1.91314	98.527	102.694	828.308	1424.69	10.5285	5.75719	68.3613	-0.011875
1.91414	98.39	102.694	815.858	1385.35	10.5611	5.75719	68.4994	-0.01125
1.91514	95.9791	102.009	781.835	1348.2	10.6774	5.75562	68.7954	-0.012188
1.91614	98.1161	102.146	784.728	1282.1	10.6774	5.73781	68.1409	-0.011563
1.91714	98.1161	103.242	787.469	1291.79	10.6344	5.71489	68.8317	-0.010825
1.91814	98.1161	102.146	791.073	1329.83	10.5937	5.69781	70.1277	-0.011563
1.91914	98.1161	102.146	795.758	1345.47	10.5203	5.69719	70.4238	-0.010838
1.92014	98.39	102.009	793.357	1359.88	10.5448	5.7825	71.016	-0.011875
1.92114	98.1161	102.831	782.508	1370.08	10.5366	5.75094	71.4801	-0.009083
1.92214	98.1161	102.146	775.196	1369.65	10.4632	5.75219	71.6081	-0.013438
1.92314	98.664	102.694	781.821	1369.78	10.3736	5.75469	72.3483	-0.011875

1.92414	98.2531	102.146	791.758	1370.88	10.3776	5.75344	72.3483	-0.010625
1.92514	98.1181	102.894	794.813	1361.31	10.2717	5.75594	72.743	-0.011563
1.92614	98.1181	102.894	790.502	1355.3	10.182	5.75094	72.8937	-0.013438
1.92714	98.1181	102.894	788.446	1407.75	9.96597	5.75094	72.3978	-0.01125
1.92814	98.1181	102.894	800.324	1422.91	9.7907	5.75062	72.2989	-0.0125
1.92914	98.2531	102.831	805.807	1435.62	9.73771	5.74781	72.5486	-0.01125
1.93014	98.527	102.894	804.322	1425.23	9.71325	5.74437	72.3978	-0.011875
1.93114	98.39	102.894	807.406	1388.08	9.55838	5.74219	72.7824	-0.01125
1.93214	98.664	102.557	802.837	1354.76	9.54803	5.74408	72.9404	-0.011875
1.93314	98.1181	102.968	793.471	1320.89	9.66026	5.74219	73.3845	-0.013438
1.93414	98.39	102.557	787.76	1296.3	9.82738	5.74719	74.1247	-0.010825
1.93514	98.1181	102.009	784.105	1328.78	9.83961	5.74469	73.9273	-0.011563
1.93614	95.7051	102.831	789.245	1352.57	9.77847	5.74594	73.9273	-0.009888
1.93714	98.2531	102.831	787.989	1370.06	9.83553	5.74719	73.7299	-0.01125
1.93814	98.2531	102.968	780.45	1361.67	9.88852	5.74781	73.7299	-0.010938
1.93914	98.1181	102.894	784.105	1377.18	9.85591	5.74719	73.7299	-0.012188
1.94014	95.5681	102.831	787.632	1378.11	9.84369	5.74781	74.0753	-0.010313
1.94114	98.1181	102.894	791.872	1383.71	9.9088	5.75219	74.0753	-0.012188
1.94214	98.2531	102.968	797.583	1378.61	9.92113	5.74969	74.2727	-0.013438
1.94314	98.938	102.894	801.238	1371.15	9.88037	5.75125	74.4701	-0.008375
1.94414	98.664	102.894	799.182	1371.56	9.87629	5.74969	74.4701	-0.012188
1.94514	95.9791	102.146	798.154	1419.77	9.81923	5.74875	74.6675	-0.011563
1.94614	98.2531	103.105	809.462	1430.15	9.82738	5.73158	74.174	-0.012813
1.94714	95.5681	102.894	812.431	1438.21	9.88814	5.71084	73.9273	-0.010625
1.94814	98.1181	103.242	809.233	1423.32	9.80282	5.68989	73.9768	-0.011563
1.94914	98.2531	102.968	809.233	1388.9	9.7051	5.68719	74.0753	-0.011563
1.95014	98.2531	102.968	802.496	1360.36	9.74984	5.72219	74.322	-0.010938
1.95114	98.664	102.557	794.613	1328.53	9.69695	5.75437	74.5888	-0.01125
1.95214	95.9791	102.146	790.502	1306	9.57467	5.74469	74.8848	-0.011563
1.95314	95.9791	102.146	787.532	1334.27	9.52983	5.74469	74.8675	-0.010313
1.95414	95.5681	102.894	793.014	1358.99	9.55021	5.74563	74.5888	-0.008438
1.95514	98.39	102.894	793.014	1373.61	9.49314	5.74219	74.6675	-0.012188
1.95614	98.39	102.831	787.76	1385.9	9.36271	5.74281	74.5888	-0.012188
1.95714	98.1181	102.557	790.73	1380.98	9.37088	5.73989	74.5888	-0.01125
1.95814	95.5681	102.968	793.014	1383.99	9.41162	5.7375	74.7681	-0.012188
1.95914	98.527	102.894	796.898	1388.49	9.24858	5.73989	74.8648	-0.012188
1.96014	98.1181	102.968	803.979	1384.28	9.15483	5.73906	75.0622	-0.012813
1.96114	98.39	102.894	807.52	1378.8	8.15891	5.73989	75.5063	-0.010313
1.96214	98.39	102.894	806.284	1378.8	8.0407	5.73781	75.8544	-0.011875
1.96314	98.938	102.968	805.893	1426.87	8.9368	5.73612	75.5557	-0.010938
1.96414	98.664	102.831	814.944	1436.98	8.88173	5.73906	75.2103	-0.011563
1.96514	95.5681	102.557	817.229	1444.22	8.86543	5.73875	75.0622	-0.009888
1.96614	95.5681	102.968	814.944	1432.34	8.68201	5.73989	75.0622	-0.012188
1.96714	98.1181	102.831	814.716	1400.92	8.60049	5.74408	75.3583	-0.010938
1.96814	98.1181	102.146	807.863	1372.24	8.68608	5.74219	75.3583	-0.011563
1.96914	98.2531	103.242	800.324	1341.1	8.6494	5.74625	75.753	-0.010938
1.97014	98.1181	101.871	795.527	1310.92	8.68183	5.74656	75.9011	-0.011875
1.97114	98.39	102.894	789.017	1326.35	8.74315	5.74844	75.7037	-0.010938
1.97214	98.1181	102.146	791.844	1340.83	8.72277	5.74813	75.2598	-0.011875
1.97314	95.9791	102.894	791.886	1346.02	8.71462	5.74563	74.9142	-0.01125
1.97414	98.1181	102.146	785.833	1351.21	8.86135	5.74969	74.0753	-0.012188
1.97514	98.1181	102.831	788.874	1308.32	8.82467	5.74844	73.8312	-0.010313

1.97614	96.2531	102.968	782.049	1248.59	8.79206	5.74584	73.2365	-0.008438
1.97714	96.1161	103.105	768.572	1248.46	8.81852	5.72668	72.6937	-0.010313
1.97814	96.1161	102.894	781.384	1223.64	8.83282	5.70094	72.2989	-0.010938
1.97914	96.1161	102.968	786.39	1227.46	8.86543	5.69084	72.4469	-0.01
1.98014	96.684	102.968	782.621	1245.49	8.83282	5.69989	71.4107	-0.012813
1.98114	96.8421	102.894	788.217	1297.94	8.89804	5.74969	71.2133	-0.012188
1.98214	96.9791	102.968	799.411	1340.55	8.91842	5.74469	70.8186	-0.011875
1.98314	96.684	102.894	800.21	1448.73	8.7676	5.74219	70.3251	-0.011875
1.98414	96.2531	102.831	823.853	1496.56	8.69424	5.74094	70.0784	-0.010313
1.98514	96.1161	102.567	840.757	1410.48	8.72684	5.73969	70.2264	-0.010938
1.98614	96.39	102.968	809.348	1365.65	8.66163	5.73969	70.5225	-0.009375
1.98714	95.9791	102.146	801.238	1315.42	8.6494	5.73531	70.6212	-0.010313
1.98814	96.1161	102.557	803.979	1282.37	8.66978	5.73658	71.312	-0.011563
1.98914	95.5881	102.146	795.756	1311.05	8.5638	5.73781	72.2002	-0.01125
1.99014	95.5881	102.557	795.527	1345.47	8.55973	5.73594	72.0028	-0.012188
1.99114	96.1161	102.968	801.581	1354.76	8.51896	5.73281	72.2002	-0.012813
1.99214	96.684	102.894	788.903	1373.61	8.47413	5.73594	72.4469	-0.012813
1.99314	96.39	102.894	779.994	1373.33	8.43937	5.73219	72.891	-0.010625
1.99414	96.1161	102.831	786.047	1369.37	8.36407	5.73219	72.9404	-0.011563
1.99514	95.8421	102.831	796.441	1374.43	8.25402	5.73281	73.2365	-0.010625
1.99614	96.1161	102.894	803.294	1376.88	8.1725	5.73094	73.3845	-0.011563
1.99714	95.5881	102.831	804.893	1368.96	8.12766	5.73219	73.6312	-0.011875
1.99814	96.1161	102.968	804.438	1382.95	8.08283	5.72969	73.6806	-0.009375
1.99914	96.684	102.894	799.867	1403.93	7.99315	5.73062	73.5819	-0.014063
2.00014	95.9791	103.105	809.482	1428.87	7.91978	5.73344	73.7793	-0.012188
2.00114	95.8421	102.42	818.142	1432.2	7.9887	5.73958	73.8779	-0.010625
2.00214	96.1161	102.831	814.944	1428.79	7.87067	5.73312	73.4338	-0.009888
2.00314	96.684	102.831	814.944	1397.92	7.80585	5.73594	73.6806	-0.01125
2.00414	95.5881	102.567	809.804	1367.48	7.75874	5.73438	73.9273	-0.010938
2.00514	96.2531	103.38	798.954	1341.1	7.59683	5.73438	74.174	-0.010938
2.00614	96.1161	103.105	793.014	1313.1	7.46327	5.73312	74.5194	-0.012188
2.00714	95.9791	102.894	789.816	1327.17	7.43881	5.73062	74.4701	-0.0125
2.00814	96.1161	102.894	792.101	1357.35	7.41843	5.71875	74.2727	-0.013438
2.00914	96.1161	102.557	797.583	1368.28	7.4062	5.69187	74.3714	-0.010313
2.01014	95.5881	102.831	793.471	1382.48	7.34914	5.67594	74.174	-0.010638
2.01114	95.8421	102.146	795.07	1380.44	7.37767	5.65906	74.2234	-0.012188
2.01214	95.9791	102.557	799.068	1381.8	7.39805	5.71969	74.026	-0.011563
2.01314	95.9791	102.557	802.495	1387.27	7.39805	5.73469	74.1247	-0.013438
2.01414	95.5881	102.009	808.891	1385.76	7.43066	5.73094	74.3714	-0.012188
2.01514	95.5881	102.831	812.888	1379.62	7.41843	5.72969	74.4207	-0.012813
2.01614	95.9791	103.242	812.203	1373.06	7.46327	5.72813	74.7661	-0.011875
2.01714	95.5881	102.557	806.891	1404.47	7.39397	5.72719	74.5688	-0.012188
2.01814	96.2531	102.968	815.515	1435.62	7.43066	5.72658	74.322	-0.009063
2.01914	96.1161	103.242	823.054	1437.53	7.43881	5.72906	73.9766	-0.010313
2.02014	96.2531	103.105	820.884	1437.25	7.4062	5.72658	74.0753	-0.007188
2.02114	95.9791	102.567	819.97	1407.21	7.44289	5.72125	73.7299	-0.013438
2.02214	96.2531	102.894	817.114	1380.44	7.39805	5.71812	73.9273	-0.012188
2.02314	96.39	102.968	809.482	1352.71	7.37359	5.71969	74.5688	-0.012188
2.02414	95.5881	102.146	804.438	1324.16	7.36544	5.72094	74.5688	-0.012188
2.02514	96.39	102.894	800.324	1326.35	7.38174	5.72469	75.0129	-0.010313
2.02614	96.39	102.968	800.781	1363.23	7.38582	5.72158	74.9635	-0.010313
2.02714	96.39	102.557	805.693	1374.29	7.35729	5.71969	74.9635	-0.010313

2.02815	96.39	102.557	801.487	1360.41	7.31653	5.71989	74.8648	-0.010313
2.02915	96.1161	102.557	801.696	1360.82	7.36852	5.71989	74.7168	-0.011563
2.03015	96.664	102.694	806.378	1361.09	7.29615	5.72156	74.6875	-0.013438
2.03115	96.39	102.694	806.69	1367.86	7.26392	5.72125	74.9635	-0.010838
2.03215	96.1161	102.557	816.772	1365.73	7.33283	5.72312	75.3563	-0.0125
2.03315	95.9791	102.968	820.427	1368.18	7.30022	5.72583	75.8024	-0.012188
2.03415	96.1161	102.009	820.998	1363.17	7.27984	5.72908	76.0491	-0.010313
2.03515	95.5681	102.694	817.457	1405.02	7.27577	5.73082	75.8544	-0.010313
2.03615	96.39	102.631	821.911	1446	7.27984	5.73719	75.7037	-0.010625
2.03715	96.1161	102.557	831.382	1448.04	7.23083	5.73562	75.3069	-0.008375
2.03815	96.39	102.146	828.079	1454.74	7.24316	5.73531	75.3563	-0.011563
2.03915	96.664	102.694	826.823	1426.87	7.25946	5.73084	75.0622	-0.01125
2.04015	96.1161	102.968	823.625	1391.36	7.23501	5.70468	74.9635	-0.012188
2.04115	96.1161	102.968	814.487	1356.94	7.18609	5.68719	75.2596	-0.011875
2.04215	96.1161	102.694	808.091	1318.15	7.14941	5.67084	75.0622	-0.008063
2.04315	96.664	102.694	802.038	1297.84	7.1006	5.68719	74.322	-0.014375
2.04415	96.39	102.694	800.21	1314.33	7.12088	5.75125	74.5194	-0.012188
2.04515	96.527	102.694	801.238	1258.33	7.08381	5.73187	74.0753	-0.01125
2.04615	95.8421	103.105	783.649	1269.53	7.08827	5.73844	72.9897	-0.012813
2.04715	96.39	102.694	788.161	1250.88	7.08827	5.73594	72.891	-0.011563
2.04815	96.1161	102.831	793.243	1245.08	7.0312	5.73094	72.3976	-0.011875
2.04915	96.1161	102.694	791.187	1269.26	7.00875	5.72908	72.3976	-0.0125
2.05015	96.1161	102.694	801.01	1287.29	6.92523	5.72844	72.2002	-0.008688
2.05115	95.8421	103.242	811.748	1304.83	6.83555	5.72219	72.0522	-0.011563
2.05215	96.1161	102.968	814.031	1374.84	6.77849	5.72219	71.8081	-0.012188
2.05315	95.9791	102.146	827.508	1450.84	6.77849	5.71781	71.7068	-0.010938
2.05415	96.1161	102.146	849.666	1471.4	6.78626	5.71469	70.8186	-0.011563
2.05515	95.8421	102.146	843.727	1445.18	6.76811	5.71408	71.4107	-0.012813
2.05615	96.1161	103.105	828.65	1413.63	6.81925	5.71158	71.3614	-0.01125
2.05715	96.39	102.694	829.793	1371.15	6.83148	5.71719	71.2133	-0.012813
2.05815	96.1161	102.694	826.823	1355.85	6.85186	5.71662	71.5094	-0.011563
2.05915	95.5681	102.694	818.028	1351.48	6.87631	5.71219	72.1508	-0.01125
2.06015	95.5681	102.831	814.258	1328.4	6.85186	5.71187	72.5458	-0.011563
2.06115	96.1161	102.694	807.634	1318.02	6.84778	5.72219	73.0884	-0.012813
2.06215	96.1161	102.694	798.04	1354.76	6.88669	5.72344	73.1671	-0.011563
2.06315	96.1161	102.968	802.152	1384.32	6.90485	5.72344	72.9897	-0.012813
2.06415	95.8421	102.694	806.035	1378.11	6.90077	5.72261	73.0381	-0.010938
2.06515	96.1161	102.694	807.52	1387.13	6.86818	5.72261	72.4468	-0.011875
2.06615	96.1161	102.968	814.944	1366.99	6.87631	5.72469	72.9897	-0.012813
2.06715	95.9791	102.968	817.914	1397.1	6.90892	5.72469	73.5819	-0.010625
2.06815	95.9791	102.146	820.064	1401.74	6.87631	5.72875	73.3352	-0.0125
2.06915	96.1161	102.694	823.386	1388.9	6.87224	5.73031	73.9766	-0.010313
2.07015	95.4312	102.694	823.168	1378.61	6.87631	5.71989	73.6808	-0.010938
2.07115	96.1161	103.242	819.17	1371.69	6.89689	5.69375	73.4832	-0.01125
2.07215	95.9791	102.968	819.97	1415.4	6.86001	5.67438	73.5819	-0.012188
2.07315	95.8421	102.694	831.392	1436.16	6.83555	5.65531	72.9404	-0.013438
2.07415	95.9791	102.694	831.983	1452.96	6.80702	5.65531	72.6937	-0.012813
2.07515	95.8421	102.694	826.594	1443.26	6.80702	5.73219	72.6937	-0.010313
2.07615	95.5681	102.694	825.224	1408.57	6.71735	5.71656	72.0029	-0.011875
2.07715	96.1161	102.694	819.97	1379.34	6.76218	5.72469	72.3483	-0.013438
2.07815	96.1161	102.694	814.944	1343.7	6.77849	5.72219	72.8417	-0.011563
2.07915	95.9791	102.968	813.117	1314.88	6.70104	5.72219	72.595	-0.012188

2.08015	96.1161	102.146	811.975	1335.08	8.88438	5.72219	72.8443	-0.011583
2.08115	96.527	102.694	817.229	1363.09	8.85621	5.71489	72.4963	-0.01125
2.08215	96.527	102.831	819.17	1382.76	8.88438	5.71594	72.2002	-0.013438
2.08315	96.39	102.694	813.574	1400.38	8.82787	5.71658	72.2002	-0.01125
2.08415	96.39	103.105	816.315	1398.83	8.59914	5.71489	72.0028	-0.010313
2.08515	96.1161	102.968	819.056	1392.32	8.57468	5.71406	72.0028	-0.010936
2.08615	95.9791	102.831	822.711	1393.68	8.47686	5.71489	72.1509	-0.011583
2.08715	96.1161	102.694	828.193	1384.81	8.4361	5.70906	72.1015	-0.012188
2.08815	95.2942	102.694	832.077	1382.35	8.48501	5.71094	72.4963	-0.012813
2.08915	96.1161	102.831	830.021	1380.44	8.37088	5.71094	72.9997	-0.011875
2.09015	95.9791	102.831	827.166	1422.91	8.33827	5.71489	72.595	-0.012813
2.09115	96.527	102.694	835.503	1450.37	8.36273	5.71658	72.4469	-0.010938
2.09215	95.5881	102.694	840.529	1457.47	8.28121	5.71594	71.8548	-0.012813
2.09315	95.8421	103.517	835.503	1452.82	8.25675	5.71281	72.0028	-0.009888
2.09415	95.9791	102.694	835.275	1420.32	8.21192	5.71281	72.2002	-0.010625
2.09515	95.8421	102.146	832.305	1390.27	8.11001	5.71312	72.4963	-0.012188
2.09615	96.1161	102.968	824.082	1380.49	8.03257	5.71531	72.891	-0.012813
2.09715	96.1161	102.694	819.513	1328.4	5.99181	5.71562	73.3845	-0.012813
2.09815	95.9791	102.146	816.088	1332.09	5.91844	5.71406	72.595	-0.012188
2.09915	95.9791	102.968	818.599	1367.6	5.86137	5.71906	73.0391	-0.012813
2.10015	95.5881	102.831	823.398	1380.71	5.84916	5.72094	73.2858	-0.009888
2.10115	96.527	102.694	816.772	1402.43	5.86137	5.72094	72.595	-0.010938
2.10215	95.5881	102.146	819.399	1402.56	5.77985	5.71406	72.2002	-0.010938
2.10315	96.864	102.968	823.511	1398.46	5.71464	5.68469	72.0028	-0.010313
2.10415	95.9791	102.146	824.767	1403.11	5.67795	5.68344	72.0028	-0.011563
2.10515	95.5881	102.146	830.476	1397.65	5.60051	5.64344	72.2002	-0.010936
2.10615	96.1161	102.968	834.133	1391.84	5.55875	5.65969	72.5456	-0.012188
2.10715	96.2531	102.968	832.991	1383.71	5.53897	5.72844	72.4963	-0.011875
2.10815	95.5881	102.694	829.584	1408.85	5.40078	5.70656	72.2002	-0.014063
2.10915	96.1161	102.968	838.874	1452.55	5.31928	5.70875	71.8548	-0.009888
2.11015	96.9791	102.146	848.24	1459.85	5.32741	5.70937	71.5587	-0.012188
2.11115	95.5881	103.242	840.757	1468.62	5.33149	5.70844	71.5094	-0.01125
2.11215	96.1161	102.146	838.702	1432.2	5.26219	5.71489	71.2133	-0.012813
2.11315	96.1161	102.42	836.646	1395.6	5.26219	5.71562	71.5587	-0.01125
2.11415	95.8421	102.146	827.506	1326.53	5.2785	5.71375	71.6081	-0.013438
2.11515	95.9791	102.146	813.574	1287.42	5.27442	5.71344	71.7088	-0.012813
2.11615	95.8421	102.146	814.83	1263.93	5.28219	5.71084	71.8548	-0.01125
2.11715	95.2942	102.968	821.34	1268.03	5.28219	5.71082	71.7088	-0.011583
2.11815	96.1161	102.146	817.229	1281.28	5.25404	5.71084	71.2627	-0.01125
2.11915	95.5881	102.968	815.401	1296.57	5.21328	5.71158	70.8186	-0.011583
2.12015	96.1161	102.968	818.142	1300.13	5.1788	5.71158	70.2284	-0.00875
2.12115	95.9791	102.557	819.741	1358.04	5.17252	5.71281	69.7823	-0.012188
2.12215	96.1161	102.694	835.047	1432.81	5.15214	5.71084	70.0291	-0.011875
2.12315	95.4912	102.694	854.121	1421.14	5.13176	5.71344	69.1409	-0.01125
2.12415	95.1572	102.968	840.529	1408.39	5.07877	5.71281	69.5356	-0.012188
2.12515	96.864	102.968	835.047	1382.07	5.06854	5.71082	69.2889	-0.012188
2.12615	95.5881	102.831	839.729	1385.41	5.05024	5.71281	69.4369	-0.010625
2.12715	95.9791	102.831	838.473	1419.23	5.01763	5.71531	69.4863	-0.011875
2.12815	95.5881	102.146	845.655	1431.83	4.96241	5.71489	69.5356	-0.011875
2.12915	96.8421	103.242	842.813	1447.09	4.9198	5.71594	69.5356	-0.010938
2.13015	96.8421	102.694	834.932	1434.11	4.85459	5.71489	69.6343	-0.01375
2.13115	96.8421	102.694	828.983	1408.85	4.83421	5.71408	69.733	-0.010313

2.13215	95.5681	102.557	822.825	1378.25	4.78345	5.71489	70.0291	-0.013438
2.13315	95.9791	102.968	824.995	1348.02	4.76491	5.71719	71.016	-0.01125
2.13415	95.5681	102.694	826.823	1323.07	4.72008	5.70906	70.8679	-0.012813
2.13515	98.1181	102.968	826.709	1348.75	4.88339	5.88719	70.8679	-0.010313
2.13615	95.7051	103.105	834.133	1385.69	4.62225	5.68344	70.5718	-0.011683
2.13715	95.4312	102.694	832.42	1387.81	4.57334	5.64469	70.2264	-0.01125
2.13815	95.8421	102.146	829.107	1400.92	4.53665	5.69719	69.9797	-0.012188
2.13915	96.2531	102.694	835.503	1399.56	4.50812	5.72219	69.8317	-0.011875
2.14015	96.39	102.968	836.473	1402.56	4.48774	5.71031	69.7823	-0.011563
2.14115	95.9791	102.968	841.443	1404.34	4.41845	5.71694	70.1277	-0.013438
2.14215	95.5681	102.146	845.098	1396.28	4.39807	5.71344	70.4238	-0.009083
2.14315	98.1181	102.968	842.357	1388.08	4.39954	5.71219	70.8186	-0.012813
2.14415	95.4312	102.557	836.874	1392.46	4.36546	5.70969	71.4107	-0.012813
2.14515	95.8421	102.146	836.303	1442.17	4.31656	5.71281	70.6212	-0.011663
2.14615	95.1572	102.694	846.825	1457.88	4.30024	5.71062	70.6212	-0.010938
2.14715	96.39	102.831	845.098	1470.58	4.25541	5.70875	70.4238	-0.013438
2.14815	95.5681	102.831	840.072	1452.82	4.21872	5.70687	70.4732	-0.014063
2.14915	95.8421	102.831	839.815	1417.04	4.24725	5.70489	70.3251	-0.011875
2.15015	95.9791	102.831	839.804	1396.99	4.16573	5.70719	70.8186	-0.010938
2.15115	95.9791	102.968	827.865	1355.3	4.1535	5.70489	71.2133	-0.012188
2.15215	98.1181	102.694	828.079	1327.44	4.14535	5.70719	71.7581	-0.010825
2.15315	95.0203	102.694	829.107	1352.03	4.1372	5.70837	71.4107	-0.009083
2.15415	95.8421	102.968	834.59	1377.16	4.08421	5.70719	71.5587	-0.012188
2.15515	95.5681	102.694	836.874	1395.8	4.10867	5.70281	71.2133	-0.011563
2.15615	95.2842	102.831	831.848	1410.21	4.0353	5.70408	70.7199	-0.011563
2.15715	95.4312	102.831	836.874	1411.58	4.05588	5.70344	70.8186	-0.010313
2.15815	95.8421	102.146	840.529	1407.75	4.05588	5.70094	70.6212	-0.010938
2.15915	95.8421	102.557	842.242	1411.85	4.02715	5.70156	70.6212	-0.011563
2.16015	95.5681	102.968	848.24	1401.47	4.02307	5.70219	71.0653	-0.012813
2.16115	95.8421	102.146	847.839	1395.48	3.98839	5.70531	71.1148	-0.011875
2.16215	95.4312	102.968	848.24	1394.09	3.98861	5.70583	71.016	-0.011875
2.16315	95.8421	102.968	842.813	1434.25	3.97416	5.70781	70.8186	-0.012813
2.16415	95.5681	102.694	850.58	1460.47	3.9487	5.70844	70.8186	-0.010938
2.16515	95.5681	102.694	853.778	1469.78	3.84563	5.70844	70.1277	-0.012188
2.16615	96.39	102.694	848.24	1468.39	3.87416	5.69469	70.8186	-0.01125
2.16715	95.9791	102.694	845.555	1437.25	3.82525	5.68844	70.5225	-0.010313
2.16815	95.9791	102.968	843.156	1404.08	3.89671	5.66062	70.5718	-0.010313
2.16915	95.5681	102.008	835.848	1373.08	3.90487	5.63625	71.016	-0.010938
2.17015	95.5681	102.146	832.991	1341.92	3.88041	5.68781	71.4107	-0.010313
2.17115	96.39	102.968	834.133	1343.66	3.86618	5.71187	71.8081	-0.012188
2.17215	95.5681	103.105	837.788	1360.44	3.83557	5.70156	71.8081	-0.012188
2.17315	95.5681	102.968	841.443	1398.48	3.81112	5.70531	71.3614	-0.010938
2.17415	96.39	102.694	838.019	1417.45	3.72144	5.70437	71.1148	-0.013438
2.17515	96.39	103.105	840.757	1418.68	3.73367	5.69969	70.6212	-0.009083
2.17615	95.5681	102.968	844.07	1412.4	3.72552	5.70156	71.016	-0.010938
2.17715	96.2531	102.831	845.555	1414.31	3.69698	5.70219	71.2133	-0.011563
2.17815	95.8421	102.831	848.753	1411.03	3.72552	5.70219	71.3614	-0.013438
2.17915	96.1181	102.008	850.58	1403.93	3.67661	5.69969	71.8574	-0.011875
2.18015	95.2942	103.38	848.753	1402.43	3.644	5.69719	72.0028	-0.011563
2.18115	95.4312	103.105	846.011	1429.88	3.59916	5.69806	72.0028	-0.012813
2.18215	95.4312	102.694	852.293	1467.85	3.63992	5.69844	71.9535	-0.011875
2.18315	95.5681	103.242	857.89	1413.78	3.67063	5.69688	71.3614	-0.01125

2.18418	95.5681	102.557	836.075	1411.3	3.57878	5.89781	71.184	-0.01125
2.18518	95.8421	102.884	841.443	1368.96	3.51764	5.89489	70.9866	-0.010313
2.18618	96.2531	102.684	848.524	1325.53	3.48318	5.89408	70.8212	-0.009063
2.18718	95.5681	102.146	834.59	1312.69	3.51764	5.89812	70.8212	-0.012813
2.18818	95.4312	102.557	834.133	1279.91	3.51764	5.70158	70.8186	-0.013438
2.18918	95.2942	102.831	839.387	1273.9	3.48485	5.70375	70.0291	-0.013125
2.19018	98.1181	102.557	836.016	1398.78	3.45242	5.70488	69.8317	-0.011875
2.19118	95.8421	102.988	848.838	1401.74	3.41186	5.70281	69.0422	-0.012188
2.19218	95.1572	102.968	860.174	1410.07	3.37905	5.70313	68.6474	-0.011563
2.19318	95.5681	102.988	850.923	1402.15	3.45242	5.70858	68.5981	-0.009888
2.19418	95.5681	103.105	847.725	1385.22	3.33014	5.70437	68.7481	-0.01125
2.19518	95.5681	103.242	853.778	1387.32	3.30161	5.70344	68.1408	-0.011563
2.19618	95.0203	102.884	855.149	1375.25	3.2853	5.70858	68.4388	-0.012813
2.19718	95.9791	102.557	854.92	1388.08	3.28492	5.70858	70.4238	-0.00875
2.19818	98.1181	102.988	854.121	1388.31	3.21801	5.69344	70.5225	-0.011563
2.19918	95.7051	102.557	848.524	1403.85	3.21801	5.67094	70.9888	-0.010938
2.20018	95.5681	102.988	844.527	1457.74	3.17117	5.65344	71.2133	-0.011875
2.20118	95.5681	103.242	855.834	1458.92	3.1671	5.63469	70.8212	-0.011875
2.20218	95.5681	102.146	852.522	1465.53	3.12226	5.65887	70.3745	-0.010313
2.20318	95.5681	102.884	847.154	1448.18	3.07743	5.71886	70.1771	-0.01126
2.20418	95.5681	102.146	847.811	1412.12	3.08886	5.68812	70.2264	-0.011875
2.20518	95.2942	102.988	843.042	1387.54	3.02444	5.70584	70.8212	-0.011563
2.20618	95.9791	102.884	836.016	1380.38	3.02444	5.70187	70.9173	-0.012813
2.20718	95.5681	103.242	839.958	1339.32	3.00406	5.68889	71.312	-0.0125
2.20818	95.5681	102.146	842.128	1372.1	3.00406	5.70158	71.4107	-0.008438
2.20918	95.5681	103.36	847.839	1395.73	2.98775	5.68844	71.1148	-0.0125
2.21018	95.8421	102.557	849.895	1413.78	2.98183	5.69312	71.4107	-0.012813
2.21118	98.1181	102.884	847.839	1422.23	2.98388	5.69469	71.184	-0.010938
2.21218	95.9791	102.884	851.951	1420.86	2.9798	5.69219	71.016	-0.010625
2.21318	95.8421	102.884	853.55	1414.04	2.97145	5.68969	71.016	-0.011875
2.21418	95.4312	102.146	854.484	1415.4	2.97532	5.68719	71.312	-0.011875
2.21518	95.5681	102.831	856.748	1408.39	2.9798	5.68844	71.7561	-0.012188
2.21618	95.5681	102.557	857.319	1401.74	2.93478	5.6975	71.8081	-0.012188
2.21718	95.5681	102.988	853.321	1404.61	2.93089	5.69594	71.3614	-0.010625
2.21818	95.5681	102.146	851.951	1452.86	2.91848	5.69658	71.2133	-0.0125
2.21918	95.7051	102.884	860.517	1470.03	2.93089	5.69989	70.9173	-0.009083
2.22018	95.5681	102.988	859.948	1478.78	2.93089	5.70219	70.1771	-0.011563
2.22118	98.1181	102.884	852.636	1468.62	2.9633	5.69989	69.9304	-0.010625
2.22218	95.8421	102.988	854.484	1428.24	2.9633	5.69989	70.1771	-0.011563
2.22318	95.2942	102.988	851.151	1397.1	2.94899	5.69989	70.0291	-0.011875
2.22418	95.8421	102.146	848.011	1389.51	2.95514	5.70219	69.9304	-0.0125
2.22518	95.8421	102.988	848.011	1341.85	2.94899	5.70094	70.4732	-0.010313
2.22618	95.5681	102.884	844.841	1358.94	2.94899	5.70094	70.0291	-0.009888
2.22718	95.5681	102.884	849.888	1385.35	2.95922	5.70489	70.0291	-0.010313
2.22818	95.4312	102.884	852.636	1402.58	2.97145	5.70344	69.6343	-0.012188
2.22918	95.5681	103.242	849.438	1418.13	2.92881	5.70344	69.2395	-0.010313
2.23018	95.7051	102.146	854.578	1413.49	2.91438	5.69594	68.9435	-0.010313
2.23118	95.5681	103.242	858.52	1408.3	2.86547	5.67281	68.6987	-0.013438
2.23218	95.5681	103.105	857.89	1412.94	2.80025	5.65188	69.2889	-0.012813
2.23318	95.8421	102.557	860.403	1411.58	2.75542	5.62989	69.4389	-0.011563
2.23418	95.8421	102.884	859.718	1407.07	2.75134	5.63908	69.733	-0.010938
2.23518	98.1181	103.105	858.978	1407.21	2.76784	5.71875	69.9797	-0.011875

2.23616	95.5681	103.105	852.885	1441.82	2.68574	5.70219	70.0784	-0.01125
2.23716	95.5681	102.988	859.489	1476.18	2.66187	5.70469	69.8317	-0.011875
2.23816	95.2942	102.831	864.743	1465.88	2.6046	5.70084	69.4369	-0.010938
2.23916	95.4312	103.105	856.52	1489.97	2.57189	5.70281	69.3876	-0.011563
2.24016	95.5681	102.894	856.063	1455.28	2.52308	5.70094	69.6343	-0.011875
2.24116	95.2942	102.146	853.778	1419.23	2.5027	5.69812	69.881	-0.010938
2.24216	95.5681	102.894	845.44	1365.22	2.45786	5.69844	70.2284	-0.012813
2.24316	95.8421	102.146	842.813	1352.44	2.44158	5.69719	70.5718	-0.012813
2.24416	95.4312	103.517	843.727	1349.57	2.43748	5.69781	71.312	-0.008083
2.24516	95.4312	103.242	847.725	1386.86	2.40895	5.69656	70.6212	-0.011875
2.24616	95.0203	102.831	853.093	1402.56	2.36819	5.69469	70.3745	-0.010625
2.24716	95.5681	102.894	850.352	1425.23	2.36411	5.69156	70.0291	-0.011875
2.24816	95.0203	102.894	854.92	1428.51	2.37227	5.69187	69.685	-0.011563
2.24916	95.5681	102.831	860.631	1421.41	2.30705	5.69312	69.3676	-0.013125
2.25016	95.5681	102.988	863.829	1421.68	2.32743	5.69375	69.6343	-0.011563
2.25116	95.4312	102.831	867.258	1416.77	2.29075	5.69658	69.8317	-0.012188
2.25216	95.5681	102.988	869.789	1408.86	2.23778	5.69489	69.733	-0.007813
2.25316	95.5681	102.831	867.37	1404.34	2.28221	5.69719	69.733	-0.011563
2.25416	95.4312	102.146	863.373	1419.77	2.2133	5.69719	69.7823	-0.010938
2.25516	95.2942	103.105	865.885	1470.31	2.197	5.69781	69.2395	-0.011875
2.25616	95.5681	102.557	873.881	1480.41	2.20516	5.69844	68.8474	-0.011563
2.25716	95.5681	102.894	866.114	1491.75	2.20516	5.70158	68.2526	-0.013125
2.25816	95.4312	102.146	861.317	1466.48	2.18884	5.70219	68.2526	-0.010313
2.25916	95.5681	102.894	861.545	1429.47	2.197	5.70219	68.154	-0.011875
2.26016	95.8421	102.146	855.149	1390.54	2.14808	5.70469	68.2033	-0.012188
2.26116	95.4312	102.894	850.238	1341.92	2.07879	5.70408	67.7582	-0.013125
2.26216	95.5681	102.894	848.925	1300.13	2.05026	5.70684	67.6112	-0.012188
2.26316	95.5681	102.894	844.412	1307.77	2.05026	5.68969	67.0884	-0.008375
2.26416	95.7051	102.894	848.438	1320.89	2.0258	5.68437	66.0321	-0.013438
2.26516	95.8421	102.831	850.809	1335.5	2.04211	5.64437	65.3413	-0.014063
2.26616	95.9791	102.894	852.179	1348.2	2.03395	5.63719	65.44	-0.011563
2.26716	95.5681	102.831	856.634	1338.78	2.02988	5.70856	64.4531	-0.011875
2.26816	95.0203	102.988	858.261	1327.72	1.99727	5.70719	63.4682	-0.01125
2.26916	95.4312	102.146	860.403	1321.16	1.98504	5.70469	63.1208	-0.012188
2.27016	95.5681	102.894	862.345	1312.96	1.98727	5.70625	62.728	-0.010938
2.27116	95.4312	103.242	864.058	1310.23	1.96466	5.71084	62.1339	-0.011563
2.27216	95.5681	102.894	862.916	1314.33	1.92786	5.70469	61.7391	-0.011563
2.27316	95.5681	102.831	860.631	1335.36	1.91167	5.70856	61.3444	-0.012813
2.27416	94.7463	102.894	860.631	1330.72	1.86276	5.70856	61.147	-0.010938
2.27516	95.9791	102.894	859.261	1331.27	1.8383	5.70469	60.3575	-0.012813
2.27616	95.2942	102.146	858.461	1294.12	1.83423	5.70408	60.3575	-0.011563
2.27716	95.5681	102.894	852.75	1280.79	1.83015	5.70187	60.3575	-0.010938
2.27816	95.5681	102.894	848.753	1232.38	1.78838	5.70281	59.9827	-0.011875
2.27916	95.5681	102.146	849.095	1212.44	1.77309	5.70469	59.6867	-0.011563
2.28016	95.4312	103.105	849.438	1204.93	1.74048	5.70084	59.3213	-0.0125
2.28116	95.8421	102.557	850.352	1225.42	1.75678	5.70469	59.0745	-0.013438
2.28216	95.5681	102.146	856.063	1238.66	1.69166	5.70344	58.7785	-0.010625
2.28316	96.1181	102.831	858.575	1250.88	1.68341	5.70437	58.2357	-0.012188
2.28416	95.7051	102.894	858.804	1249.18	1.8508	5.70469	57.9889	-0.010938
2.28516	94.7463	102.988	860.631	1238.75	1.63856	5.7075	57.9889	-0.010938
2.28616	95.5681	102.894	862.002	1231.29	1.58558	5.70719	57.3968	-0.011563
2.28716	95.0203	102.009	864.515	1231.02	1.58968	5.71084	58.285	-0.011875

2.28816	95.5681	102.146	866.114	1231.7	1.54483	5.71094	58.8772	-0.011563
2.28916	95.5681	102.831	867.256	1232.38	1.52037	5.71468	58.285	-0.011875
2.29016	95.5681	103.242	868	1234.57	1.47961	5.71856	58.8278	-0.012813
2.29116	95.2942	102.968	863.829	1273.08	1.48776	5.71594	58.4824	-0.010313
2.29217	95.5681	102.831	868	1288.79	1.45923	5.71531	57.9889	-0.011563
2.29317	95.5681	102.831	865.2	1294.39	1.4307	5.7175	57.7422	-0.013125
2.29417	95.8421	102.694	861.088	1274.72	1.40624	5.71694	57.5942	-0.011875
2.29517	95.1161	102.831	861.088	1248.5	1.38894	5.69594	57.4955	-0.011563
2.29617	94.8833	102.831	859.375	1232.93	1.34918	5.67344	57.9889	-0.010313
2.29717	95.5681	102.968	857.819	1228.01	1.28211	5.65219	58.285	-0.014063
2.29817	95.1161	102.968	857.205	1232.11	1.30026	5.64875	58.1732	-0.013438
2.29917	95.4312	103.242	857.88	1256.28	1.30026	5.71719	60.4068	-0.012813
2.30017	95.5681	102.694	859.032	1275.4	1.2595	5.71219	60.5549	-0.012188
2.30117	95.5681	102.694	858.575	1281.28	1.26765	5.71594	60.8042	-0.011563
2.30217	95.2942	102.694	857.433	1271.03	1.24727	5.71312	61.3444	-0.01125
2.30317	95.5681	102.009	859.281	1262.57	1.2595	5.71094	61.9385	-0.010313
2.30417	95.7051	102.694	861.202	1266.25	1.18983	5.70908	62.5287	-0.010313
2.30517	95.2942	102.009	862.459	1277.45	1.18983	5.70908	62.8741	-0.011563
2.30617	95.5681	102.831	863.373	1289.06	1.13722	5.70719	63.2195	-0.013438
2.30717	95.2942	102.009	862.459	1293.43	1.11276	5.71094	63.4662	-0.012188
2.30817	95.2942	102.831	860.403	1289.75	1.0557	5.70469	63.2195	-0.010938
2.30917	95.5681	102.968	858.804	1322.39	1.06831	5.70644	63.0714	-0.014063
2.31017	95.2942	102.694	863.268	1327.99	1.0394	5.70625	63.6142	-0.012188
2.31117	95.0203	102.831	862.459	1331.13	1.0394	5.70469	62.8247	-0.011563
2.31217	95.8421	102.694	859.375	1316.38	1.02309	5.70937	62.726	-0.010313
2.31317	95.5681	102.831	858.804	1296.21	0.990483	5.70469	62.4793	-0.010313
2.31417	95.5681	102.694	858.119	1282.92	0.990483	5.70844	62.6767	-0.010313
2.31517	95.5681	103.242	857.205	1271.72	0.970102	5.70563	62.726	-0.012813
2.31617	95.2942	102.694	858.976	1262.98	0.908961	5.70719	62.8741	-0.011875
2.31717	95.5681	102.146	858.119	1281.41	0.884505	5.70844	62.6273	-0.01125
2.31817	95.1572	102.831	861.088	1285.62	0.860049	5.70908	62.43	-0.011563
2.31917	95.4312	102.557	860.517	1304.77	0.790758	5.7025	61.9385	-0.01375
2.32017	95.4312	102.831	859.147	1305.92	0.819288	5.70989	62.3313	-0.012188
2.32117	95.5681	103.242	862.459	1300.13	0.794832	5.70908	63.0221	-0.010938
2.32217	95.1161	102.968	864.743	1304.5	0.78668	5.70719	62.726	-0.012813
2.32317	95.4312	102.831	865.429	1308.05	0.754071	5.70989	63.0714	-0.012188
2.32417	95.1161	102.694	865.885	1311.6	0.745919	5.71094	63.4189	-0.012188
2.32517	95.0203	102.694	865.2	1309.41	0.754071	5.71219	63.4662	-0.012188
2.32617	95.5681	103.242	863.829	1307.5	0.67255	5.69469	63.8116	-0.010625
2.32717	95.5681	102.694	862.459	1342.6	0.680322	5.67219	63.5156	-0.011563
2.32817	95.2942	102.968	866.114	1353.53	0.648094	5.65438	63.4169	-0.01125
2.32917	95.5681	102.831	865.429	1361.04	0.627713	5.63562	63.0714	-0.009688
2.33017	95.1161	102.831	862.459	1346.02	0.591029	5.68531	62.726	-0.009083
2.33117	95.0203	102.968	860.403	1325.8	0.599181	5.72219	62.8247	-0.014688
2.33217	95.5681	102.968	859.147	1311.05	0.591029	5.70719	63.3675	-0.011563
2.33317	95.2942	102.968	857.682	1298.44	0.588953	5.70989	63.1208	-0.010938
2.33417	95.5681	102.557	856.406	1286.74	0.582877	5.70989	63.7129	-0.010825
2.33517	95.5681	102.42	857.205	1306.95	0.550288	5.70908	63.7129	-0.010313
2.33617	95.2942	102.694	860.517	1324.03	0.529888	5.70989	63.8116	-0.011563
2.33717	95.2942	102.146	860.289	1338.91	0.529888	5.70844	63.7623	-0.010938
2.33817	95.5681	103.242	858.804	1338.1	0.526812	5.70781	63.9103	-0.010313
2.33917	95.5681	102.831	861.202	1334.68	0.489127	5.70563	64.3051	-0.012813

2.34017	95.5881	102.148	863.258	1335.36	0.460595	5.70344	84.6011	-0.011563
2.34117	95.2942	102.831	864.515	1335.5	0.444291	5.69969	84.6996	-0.011563
2.34217	95.5881	103.242	864.743	1336.18	0.427988	5.69969	85.282	-0.01375
2.34317	95.5881	102.148	864.286	1333.72	0.444291	5.70187	85.8841	-0.012813
2.34417	95.2942	102.988	864.286	1332.91	0.419834	5.69969	85.6867	-0.010313
2.34517	95.5881	102.148	862.345	1369.92	0.411882	5.70531	85.588	-0.010938
2.34617	94.7483	102.988	867.256	1381.94	0.407806	5.70375	85.1933	-0.010313
2.34717	95.5881	102.148	867.484	1390.82	0.427988	5.70658	84.9465	-0.011563
2.34817	95.2942	102.148	864.286	1375.68	0.382769	5.70489	84.6998	-0.012813
2.34917	95.5881	102.148	863.373	1353.67	0.382769	5.70489	84.3051	-0.013438
2.35017	95.4312	102.694	862.345	1336.87	0.322009	5.70887	84.4531	-0.010313
2.35117	95.2942	102.148	861.317	1321.84	0.309781	5.70837	84.4531	-0.010838
2.35217	95.4312	103.242	862.816	1310.78	0.305705	5.71158	84.6998	-0.009063
2.35317	94.4724	102.988	862.002	1329.08	0.273096	5.71344	84.3051	-0.011563
2.35417	95.5881	103.242	865.429	1347.66	0.26902	5.71719	84.6505	-0.010625
2.35517	95.9791	102.831	864.743	1361.58	0.258782	5.71781	84.1077	-0.010313
2.35617	95.7051	102.988	862.116	1360.09	0.252716	5.72158	83.7823	-0.010938
2.35717	95.5881	103.105	864.286	1348.43	0.232335	5.71594	83.4662	-0.009688
2.35817	95.1572	102.988	864.515	1344.82	0.211955	5.69344	83.1701	-0.011563
2.35917	95.4312	103.105	864.972	1339.46	0.199727	5.67158	83.0221	-0.011563
2.36017	95.5881	102.694	864.972	1339.05	0.187118	5.65406	82.9234	-0.010313
2.36117	95.8421	102.694	865.429	1336.18	0.158968	5.64844	82.7754	-0.012188
2.36217	95.5881	102.694	864.286	1332.5	0.158968	5.72344	82.1339	-0.013438
2.36317	95.4312	102.148	863.258	1369.51	0.126368	5.71812	81.8872	-0.01125
2.36417	95.5881	102.694	867.37	1382.89	0.118206	5.71489	81.3937	-0.012813
2.36517	95.2942	102.694	867.484	1395.73	0.093749	5.71489	81.3444	-0.012188
2.36617	95.4312	102.988	864.972	1381.53	0.110054	5.71344	80.9496	-0.012813
2.36717	95.0203	102.009	863.258	1358.31	0.089293	5.71082	81.2457	-0.010938
2.36817	95.1572	103.242	862.459	1339.46	0.085597	5.71094	81.6405	-0.01125
2.36917	95.5881	102.988	861.431	1320.75	0.093749	5.71082	82.0352	-0.010625
2.37017	96.1161	102.831	860.08	1308.18	0.061141	5.70908	82.4783	-0.01375
2.37117	95.1572	102.831	861.088	1325.26	0.039885	5.70719	82.9234	-0.010313
2.37217	95.4312	102.557	864.743	1350.11	0.052989	5.70719	83.1208	-0.012188
2.37317	95.4312	102.988	864.743	1367.73	0.048913	5.70437	83.0714	-0.010313
2.37417	95.4312	102.009	863.258	1371.69	0.028532	5.70489	83.1208	-0.008438
2.37517	95.5881	102.988	862.816	1364.46	0.028532	5.70313	82.726	-0.011875
2.37617	95.4312	102.988	864.068	1365.41	-0.004076	5.70594	83.6636	-0.012188
2.37717	95.5881	102.694	864.829	1362.54	0.028532	5.70781	83.7129	-0.012188
2.37817	94.8833	102.694	866.114	1362.27	0.028532	5.70906	84.3051	-0.010938
2.37917	95.2942	103.242	865.885	1357.9	-0.004076	5.70969	84.5024	-0.013125
2.38017	95.5881	102.694	863.258	1357.49	0.02038	5.70844	84.7985	-0.013125
2.38117	94.8833	102.694	862.459	1393	0.02038	5.71187	84.8996	-0.009375
2.38217	95.2942	102.694	866	1408.03	-0.008152	5.71406	84.5024	-0.010938
2.38317	95.4312	102.831	866.342	1419.23	-0.012228	5.71531	84.3051	-0.010938
2.38417	95.4312	102.148	862.23	1402.7	-0.016304	5.71406	84.0583	-0.012813
2.38517	95.2942	102.148	862.002	1377.98	-0.008152	5.71719	84.157	-0.009063
2.38617	95.2942	102.009	860.631	1356.94	-0.012228	5.71969	84.4038	-0.011563
2.38717	95.2942	102.988	859.489	1338.23	-0.004076	5.71906	84.9959	-0.011563
2.38817	95.4312	102.148	858.804	1325.26	-0.012228	5.71969	85.0946	-0.011875
2.38917	95.2942	102.988	860.517	1343.29	-0.004076	5.69969	85.1933	-0.012813
2.39017	95.0203	102.148	864.286	1365.55	-0.008152	5.67781	85.1933	-0.012813
2.39117	95.9791	102.694	863.373	1381.8	-0.004076	5.65844	85.1933	-0.010625

2.39217	95.2842	102.631	862.916	1384.67	0.024456	5.65219	65.282	-0.01
2.39317	95.5881	103.105	864.286	1377.43	-0.012228	5.72406	65.0946	-0.011563
2.39417	95.1572	103.105	865.857	1379.21	-0.004078	5.71625	65.588	-0.0125
2.39517	95.2942	102.694	867.028	1376.61	-0.004078	5.71658	65.9334	-0.011875
2.39617	95.9791	102.968	867.37	1376.07	-0.008152	5.71344	66.3282	-0.010313
2.39717	94.8833	103.105	867.028	1373.88	-0.004078	5.71312	66.2789	-0.01375
2.39817	95.2942	102.631	868	1370.8	-0.004078	5.71344	66.9203	-0.012188
2.39917	95.2942	102.968	863.144	1404.88	-0.004078	5.71281	66.5256	-0.010313
2.40017	95.2942	102.694	867.028	1423.32	-0.004078	5.71281	66.5256	-0.010625
2.40117	95.2942	102.694	868.827	1433.43	-0.004078	5.71406	66.1308	-0.009688
2.40217	95.4312	102.631	864.515	1421.14	-0.004078	5.70989	65.6374	-0.013438
2.40317	95.0203	102.146	862.916	1395.73	0.028532	5.70989	65.8841	-0.010838
2.40417	95.5881	102.631	861.545	1374.43	-0.012228	5.70844	66.0321	-0.009688
2.40517	95.2942	102.694	860.403	1355.58	-0.004078	5.70489	66.2295	-0.011563
2.40617	95.2942	103.242	859.489	1339.48	-0.004078	5.70656	66.3775	-0.012188
2.40717	95.4312	103.242	860.86	1354.21	-0.008152	5.71094	66.6736	-0.009063
2.40817	95.5881	102.694	863.944	1378.52	-0.012228	5.71094	66.6736	-0.011875
2.40917	95.2842	103.242	864.743	1398.14	-0.018304	5.71094	66.9697	-0.011875
2.41017	95.5881	102.694	862.459	1402.15	-0.004078	5.71344	66.871	-0.010938
2.41117	95.0203	102.694	863.829	1394.09	-0.004078	5.71281	66.6736	-0.012813
2.41217	95.4312	102.146	866.114	1392.73	-0.02038	5.71187	67.0684	-0.012813
2.41317	95.5881	102.968	867.713	1390.82	-0.004078	5.71281	67.5618	-0.011875
2.41417	95.5881	102.694	868.388	1391.09	0.02038	5.71656	67.9568	-0.012188
2.41517	95.4312	102.968	868.284	1388.63	-0.004078	5.71844	68.2528	-0.011563
2.41617	98.1181	102.968	868.799	1385.9	-0.004078	5.71489	68.5981	-0.010313
2.41717	95.5881	102.631	864.286	1413.78	-0.004078	5.71888	68.302	-0.011875
2.41817	95.8421	102.631	867.589	1437.53	-0.004078	5.71844	67.8579	-0.011563
2.41917	95.4312	103.242	871.025	1446.54	-0.004078	5.71438	67.7592	-0.010313
2.42017	95.0203	102.146	867.258	1439.71	0.024456	5.68906	67.7592	-0.010938
2.42117	95.1572	103.38	864.972	1412.4	0.02038	5.66781	67.3151	-0.010625
2.42217	95.2942	102.694	863.373	1390.41	-0.004078	5.65082	67.3644	-0.01125
2.42317	95.5881	102.631	862.23	1370.06	-0.004078	5.67719	67.9568	-0.009688
2.42417	95.1572	102.557	860.831	1353.67	-0.004078	5.72937	67.8085	-0.012813
2.42517	95.5881	102.557	862.345	1361.31	0.036885	5.71489	67.9072	-0.0125
2.42617	94.4724	102.968	865.2	1384.94	-0.004078	5.72219	67.4631	-0.012813
2.42717	95.4312	102.968	865.857	1397.24	-0.004078	5.71888	67.4631	-0.011563
2.42817	95.4312	102.146	862.916	1394.5	-0.004078	5.71844	67.019	-0.010625
2.42917	94.7463	102.694	864.286	1379.89	-0.004078	5.71625	66.2789	-0.010313
2.43017	95.4312	102.42	866.114	1372.79	-0.004078	5.71489	65.7854	-0.013438
2.43118	95.2942	102.694	867.713	1373.47	-0.004078	5.71219	65.6374	-0.012813
2.43218	95.0203	103.105	868.855	1380.16	-0.004078	5.71406	65.44	-0.010938
2.43318	95.0203	103.242	870.883	1382.07	0.02038	5.71406	64.8972	-0.012188
2.43418	94.4724	102.694	869.312	1379.89	-0.004078	5.71344	65.0946	-0.011563
2.43518	94.7483	102.694	868.799	1403.65	-0.004078	5.70781	64.8972	-0.010313
2.43618	95.0203	102.146	870.883	1436.43	0.028532	5.71156	64.8479	-0.011563
2.43718	95.2942	103.242	873.766	1452.28	-0.004078	5.71281	64.7965	-0.010938
2.43818	95.1572	103.242	870.454	1447.63	-0.004078	5.71094	65.0946	-0.01125
2.43918	95.0203	103.517	868.913	1414.85	-0.008152	5.71094	65.292	-0.0125
2.44018	95.5881	102.694	864.515	1383.44	-0.004078	5.71156	65.6374	-0.010938
2.44118	95.8421	102.968	862.916	1357.22	-0.004078	5.71219	65.8841	-0.011875
2.44218	95.2942	102.631	860.746	1341.51	-0.004078	5.71281	66.5749	-0.010938
2.44318	95.2942	102.968	862.23	1347.66	-0.012228	5.71489	66.2789	-0.012188

2.44418	95.4312	102.968	865.543	1379.34	-0.004076	5.71844	65.7854	-0.013125
2.44518	95.5681	103.105	866.799	1399.58	-0.016304	5.71969	65.8374	-0.012188
2.44618	95.0203	102.894	864.172	1412.53	0.028532	5.71719	65.2426	-0.013438
2.44718	95.1572	102.894	863.944	1402.84	-0.004076	5.71844	65.2426	-0.010938
2.44818	95.2942	102.831	865.885	1399.42	-0.004076	5.71969	64.9959	-0.010313
2.44918	95.2942	103.242	867.827	1396.83	-0.004076	5.71562	65.2426	-0.011875
2.45018	95.0203	102.894	866.827	1395.05	-0.004076	5.69187	65.8867	-0.012188
2.45118	95.2942	102.894	870.111	1396.83	-0.012228	5.67156	65.8348	-0.009083
2.45218	95.2942	102.894	867.941	1392.46	-0.004076	5.65694	65.3907	-0.011875
2.45318	95.2942	102.894	864.749	1408.3	-0.004076	5.64719	65.5387	-0.010313
2.45418	95.2942	102.831	865.2	1440.26	-0.004076	5.71812	64.9959	-0.011563
2.45518	95.2942	102.968	868.398	1445.45	0.024456	5.72564	64.8011	-0.011563
2.45618	95.7051	103.105	864.058	1440.81	-0.004076	5.71969	64.1077	-0.0125
2.45718	95.1572	102.831	859.489	1411.03	-0.004076	5.71906	63.7129	-0.012188
2.45818	95.5681	102.831	857.89	1363.17	0.052989	5.71844	63.6142	-0.01125
2.45918	95.4312	102.894	855.035	1362.27	-0.036885	5.71969	63.3182	-0.011563
2.46018	95.4312	103.242	852.75	1345.74	0.02038	5.71719	63.0714	-0.011563
2.46118	95.5681	103.242	852.408	1343.83	-0.004076	5.71719	62.8741	-0.012188
2.46218	95.2942	102.894	854.892	1374.97	-0.004076	5.71781	62.726	-0.012188
2.46318	95.4312	103.242	857.319	1395.05	-0.008152	5.71468	62.3313	-0.013438
2.46418	95.5681	102.894	854.92	1412.53	-0.004076	5.71281	62.2819	-0.012813
2.46518	95.5681	102.894	855.149	1406.66	-0.004076	5.71187	61.9859	-0.012813
2.46618	95.0203	102.148	858.119	1402.29	-0.004076	5.71219	61.8872	-0.012188
2.46718	94.8833	102.148	860.631	1397.37	-0.004076	5.71562	61.6405	-0.011563
2.46818	95.5681	102.968	862.118	1393	-0.004076	5.71562	62.0352	-0.011563
2.46918	95.4312	102.894	862.459	1391.84	-0.004076	5.71489	62.0352	-0.012813
2.47018	95.2942	102.894	863.258	1386.99	-0.004076	5.71594	61.9385	-0.011875
2.47118	95.1572	102.894	861.774	1396.46	-0.004076	5.71656	62.1339	-0.010313
2.47218	95.4312	103.105	862.459	1434.93	-0.02038	5.71781	61.5418	-0.012813
2.47318	95.1572	102.968	866.571	1442.72	-0.008152	5.71812	61.0483	-0.011563
2.47418	95.0203	102.968	865.2	1441.82	-0.004076	5.71812	60.5549	-0.013438
2.47518	95.0203	102.42	860.403	1414.58	-0.004076	5.71969	60.2588	-0.014375
2.47618	95.2942	102.894	860.289	1385.35	-0.004076	5.71844	60.3082	-0.011563
2.47718	95.5681	102.831	858.575	1362.95	0.02038	5.72219	59.8173	-0.012813
2.47818	94.7463	102.557	856.976	1343.56	-0.004076	5.72219	59.6667	-0.012813
2.47918	94.4724	102.894	856.862	1337.28	-0.004076	5.72187	59.566	-0.011875
2.48018	95.0203	102.894	858.947	1365.96	0.061141	5.70937	59.1239	-0.012813
2.48118	95.1572	102.894	862.459	1367.81	-0.004076	5.68469	58.9772	-0.012813
2.48218	94.6094	102.148	861.202	1407.75	-0.004076	5.66219	58.8772	-0.012188
2.48318	94.7463	102.968	859.946	1405.57	-0.004076	5.64313	58.5317	-0.012188
2.48418	94.7463	102.148	862.118	1396.46	-0.004076	5.68437	58.3637	-0.010313
2.48518	95.0203	102.557	862.802	1395.05	-0.024456	5.72719	57.9889	-0.011563
2.48618	95.1572	102.894	864.743	1390.82	-0.02038	5.71594	58.1863	-0.010938
2.48718	95.2942	103.242	865.429	1388.9	0.028532	5.71844	58.3837	-0.010625
2.48818	95.0203	103.242	866.114	1383.58	-0.004076	5.71844	58.4824	-0.011875
2.48918	95.4312	102.831	863.373	1387.95	-0.004076	5.71906	67.9889	-0.010938
2.49018	95.0203	102.557	861.774	1427.15	-0.004076	5.71656	57.4462	-0.013438
2.49118	95.2942	102.894	865.657	1437.25	-0.004076	5.71562	56.8047	-0.013438
2.49218	94.8833	102.831	864.058	1439.44	-0.004076	5.71688	56.1632	-0.010313
2.49318	95.0203	102.894	859.261	1415.95	0.028532	5.71656	56.8178	-0.011875
2.49418	95.2942	102.831	858.233	1384.53	-0.004076	5.71281	55.2256	-0.011563
2.49518	95.0203	102.831	855.834	1358.72	-0.004076	5.71406	54.9296	-0.011563

2.46618	94.8833	102.968	853.321	1336.05	-0.004076	5.71312	54.4361	-0.011875
2.46718	95.4312	102.968	850.809	1320.34	-0.004076	5.71531	54.2681	-0.011563
2.46818	95.0203	102.694	851.484	1335.09	-0.004076	5.71688	54.0907	-0.010938
2.46918	95.2942	102.968	855.808	1352.3	-0.004076	5.71281	53.3999	-0.01125
2.50018	95.0203	102.831	855.808	1362.54	-0.004076	5.71844	53.0051	-0.011563
2.50118	94.7463	102.694	852.293	1356.94	-0.004076	5.71469	52.413	-0.01125
2.50218	95.1572	103.242	855.72	1343.01	0.061141	5.71719	51.6728	-0.010625
2.50318	95.5681	102.968	857.662	1340.01	-0.012228	5.71719	51.5741	-0.011875
2.50418	94.8833	103.105	860.174	1349.7	-0.012228	5.71908	51.6728	-0.010938
2.50518	95.1572	102.146	862.459	1358.72	-0.004076	5.71937	51.9689	-0.010625
2.50618	95.1572	102.968	863.144	1361.18	-0.012228	5.71812	52.0676	-0.012188
2.50718	94.4724	102.557	862.459	1354.78	-0.02038	5.71469	51.6235	-0.011563
2.50818	95.1572	103.242	859.032	1366.88	-0.004076	5.72344	51.8702	-0.012188
2.50918	95.0203	102.968	861.545	1394.64	0.024456	5.72469	52.1663	-0.011875
2.51018	95.0203	102.557	858.119	1382.46	-0.004076	5.72219	51.5741	-0.011563
2.51118	95.4312	102.694	861.266	1366.98	0.02038	5.70219	51.4281	-0.012813
2.51218	94.7463	102.968	848.753	1333.59	-0.004076	5.67219	51.1794	-0.010938
2.51318	95.0203	102.694	848.011	1306.69	-0.004076	5.65406	50.8833	-0.013125
2.51418	94.7463	102.694	842.014	1282.64	0.02038	5.66989	51.0807	-0.010938
2.51518	95.2942	102.968	839.387	1265.43	0.02038	5.73594	51.0807	-0.011563
2.51618	95.4312	102.694	839.644	1277.18	0.02038	5.71969	50.982	-0.012813
2.51718	95.1572	102.831	841.9	1301.22	-0.004076	5.72344	50.982	-0.010625
2.51818	95.1572	102.694	843.27	1319.52	-0.004076	5.71969	49.8471	-0.014688
2.51918	95.1572	102.831	842.699	1326.63	-0.004076	5.72344	50.0444	-0.010938
2.52018	94.7463	102.694	846.897	1316.43	-0.004076	5.71969	50.5872	-0.012188
2.52118	95.2942	103.517	846.925	1312.98	0.02038	5.71875	50.0938	-0.010938
2.52218	94.8833	102.557	849.438	1302.04	0.028532	5.72094	50.2418	-0.012188
2.52318	95.5681	102.831	850.123	1291.11	-0.004076	5.71469	50.4866	-0.012188
2.52418	95.0203	102.694	850.123	1263.6	0.048913	5.71625	50.8366	-0.012813
2.52518	95.0203	102.146	850.009	1279.91	-0.004076	5.71469	50.5872	-0.0125
2.52618	95.2942	103.105	848.753	1315.7	0.02038	5.71406	50.3699	-0.013438
2.52718	95.2942	102.968	851.722	1334.82	-0.004076	5.71531	50.0444	-0.01125
2.52818	95.8421	102.968	851.961	1340.28	-0.004076	5.71719	49.8964	-0.012813
2.52918	95.0203	102.557	845.096	1317.33	-0.036885	5.71469	49.0082	-0.013125
2.53018	95.0203	102.694	843.27	1282.51	-0.004076	5.71781	48.9589	-0.014688
2.53118	95.0203	102.831	842.014	1250.96	-0.004076	5.7175	49.8003	-0.012188
2.53218	94.4724	102.831	840.301	1224.73	0.028532	5.71969	48.9095	-0.014063
2.53318	94.7463	102.557	837.445	1202.61	-0.004076	5.72469	49.3043	-0.011875
2.53418	95.0203	102.146	836.76	1211.48	0.028532	5.72406	49.403	-0.01125
2.53518	95.1572	102.557	840.072	1236.48	-0.004076	5.72719	48.8902	-0.011563
2.53618	95.4312	102.831	843.042	1255.33	0.028532	5.72906	49.1069	-0.010938
2.53718	94.8833	102.557	842.128	1266.25	0.028532	5.73094	48.6628	-0.010938
2.53818	95.0203	102.146	844.07	1255.87	-0.004076	5.72937	48.8108	-0.010938
2.53918	95.1572	102.146	846.011	1250.96	-0.004076	5.73094	48.7121	-0.010938
2.54018	95.0203	102.146	846.925	1241.67	-0.052989	5.72094	48.3667	-0.01375
2.54118	95.0203	102.968	848.753	1235.11	-0.004076	5.69969	49.0576	-0.012188
2.54218	95.0203	102.968	848.753	1229.1	-0.004076	5.67969	49.5017	-0.012813
2.54318	94.4724	102.694	847.382	1225.55	-0.006152	5.68531	49.0576	-0.011563
2.54418	94.8833	102.694	845.669	1259.7	-0.004076	5.70908	49.2058	-0.011563
2.54518	95.2942	102.968	847.839	1280.46	-0.004076	5.74219	49.0082	-0.011875
2.54618	95.1572	102.694	847.382	1284.83	0.040761	5.72969	48.3667	-0.010938
2.54718	95.0203	103.242	842.128	1284.89	-0.004076	5.73156	48.2187	-0.010938

2.54818	94.8833	103.105	839.729	1229.85	-0.004076	5.72844	47.972	-0.012188
2.54918	95.0203	102.968	838.702	1198.37	-0.004076	5.72856	47.7746	-0.012813
2.55018	95.2942	102.146	835.98	1173.38	-0.004076	5.72781	48.0213	-0.011563
2.55118	95.1572	102.694	839.904	1150.84	-0.004076	5.72719	48.12	-0.010625
2.55218	95.0203	102.694	832.878	1160.27	0.028532	5.72531	48.1693	-0.013125
2.55318	95.0203	102.146	836.78	1188.35	-0.004076	5.72719	48.6628	-0.011875
2.55418	95.0203	102.694	840.072	1204.52	-0.004076	5.72469	47.7746	-0.012188
2.55518	94.7463	102.146	839.615	1217.08	-0.004076	5.72594	47.9226	-0.010938
2.55618	94.4724	102.694	842.242	1208.75	-0.004076	5.72281	47.8733	-0.012813
2.55718	94.4724	102.694	843.613	1205.06	0.028532	5.72187	48.0213	-0.011875
2.55818	94.7463	102.146	845.326	1199.6	0.032609	5.72437	48.288	-0.012188
2.55918	95.0203	102.968	846.925	1193.66	-0.004076	5.72594	48.5148	-0.010313
2.56018	95.0203	102.968	847.382	1189.49	0.02038	5.7275	48.8108	-0.01125
2.56118	95.2942	102.831	846.011	1185.4	0.02038	5.72989	48.9095	-0.009375
2.56218	95.0203	103.105	844.641	1221.73	-0.016304	5.73219	48.5148	-0.011563
2.56318	95.2942	102.694	845.088	1240.03	-0.004076	5.73125	48.4854	-0.013438
2.56418	94.7463	102.557	844.184	1244.4	-0.004076	5.73219	48.5148	-0.011875
2.56518	95.2942	102.831	839.844	1221.86	-0.004076	5.73438	47.8239	-0.011875
2.56618	95.0203	102.968	836.874	1188.26	0.028532	5.73719	47.8239	-0.011563
2.56718	95.2942	102.694	835.732	1158.99	-0.004076	5.73469	47.5279	-0.011563
2.56818	95.0203	102.694	832.305	1133.91	0.044837	5.73875	47.7746	-0.011583
2.56918	95.2942	102.694	829.584	1114.82	-0.004076	5.73312	47.7253	-0.012188
2.57018	95.2942	102.968	829.584	1129.12	-0.012228	5.70344	47.8239	-0.010313
2.57118	94.8833	102.831	834.381	1153.03	-0.004076	5.68406	47.3305	-0.012188
2.57218	95.0203	102.694	837.217	1170.92	-0.004076	5.66219	47.4785	-0.011563
2.57318	95.2942	102.831	837.902	1182.53	-0.004076	5.65781	47.4292	-0.011563
2.57418	95.4312	102.42	839.615	1176.11	-0.004076	5.73344	47.4785	-0.013438
2.57518	95.0203	102.831	841.214	1175.56	-0.012228	5.72844	47.972	-0.011563
2.57618	94.7463	103.105	843.27	1172.83	-0.004076	5.73084	47.8733	-0.011875
2.57718	95.1572	102.557	843.841	1187.91	-0.004076	5.72844	48.2187	-0.012813
2.57818	94.7463	102.146	844.527	1182.72	-0.004076	5.72989	48.6628	-0.010938
2.57918	95.1572	102.146	842.357	1184.36	-0.004076	5.72469	48.8602	-0.01125
2.58018	95.0203	102.557	841.671	1204.24	0.052989	5.72844	48.9095	-0.013438
2.58118	95.0203	102.694	843.613	1219.68	-0.004076	5.72631	48.7615	-0.012813
2.58218	95.0203	102.146	840.529	1222.55	-0.004076	5.72719	48.7121	-0.0125
2.58318	94.7463	102.146	835.98	1184.55	-0.004076	5.72594	48.4854	-0.011563
2.58418	95.0203	103.242	833.904	1161.9	-0.004076	5.72219	48.5148	-0.010313
2.58518	94.8833	102.694	831.277	1134.04	-0.016304	5.71908	48.5148	-0.013125
2.58618	95.0203	102.831	829.584	1115.47	-0.004076	5.72312	49.2056	-0.010313
2.58718	95.0203	102.694	828.193	1104.95	-0.004076	5.72887	48.7615	-0.011563
2.58818	94.8833	102.968	830.021	1132.81	-0.004076	5.72989	49.0082	-0.011563
2.58918	95.5881	102.831	834.58	1155.35	-0.004076	5.72344	49.0578	-0.013125
2.59018	95.0203	102.694	835.98	1177.47	0.024456	5.72875	48.9095	-0.012188
2.59118	95.5881	102.831	835.503	1181.85	-0.004076	5.72656	49.0082	-0.011563
2.59218	95.0203	102.694	838.245	1175.29	-0.012228	5.72719	49.3043	-0.012188
2.59318	95.0203	103.242	840.529	1174.74	-0.004076	5.72719	49.551	-0.012813
2.59418	94.8833	103.242	841.671	1188.73	-0.012228	5.72989	49.7977	-0.012813
2.59518	94.8833	102.831	843.489	1188.55	-0.004076	5.72989	50.2912	-0.011563
2.59618	95.1572	103.242	842.813	1182.72	-0.004076	5.73082	50.2912	-0.014376
2.59718	94.4724	102.831	841.443	1175.56	0.02038	5.73344	51.0807	-0.012813
2.59818	94.7463	102.968	839.601	1212.03	-0.004076	5.73344	50.5379	-0.010938
2.59918	94.8833	102.694	841.1	1220.38	-0.004076	5.72344	50.3405	-0.012813

2.60019	95.2942	102.988	838.13	1214.9	-0.004076	5.68719	50.0936	-0.011563
2.60119	95.0203	102.148	833.79	1187.04	-0.004076	5.67687	50.0936	-0.011563
2.60219	95.0203	102.988	831.62	1157.67	-0.004076	5.65562	49.9951	-0.010838
2.60319	95.2942	102.694	831.049	1137.87	-0.004076	5.68375	50.2418	-0.009375
2.60419	94.8833	102.146	829.584	1126.12	0.028532	5.74594	50.4886	-0.012188
2.60519	95.0203	102.146	829.584	1126.39	-0.004076	5.72644	50.7848	-0.01125
2.60619	95.0203	102.009	831.848	1157.81	-0.012228	5.73094	51.1794	-0.010313
2.60719	95.0203	103.242	835.047	1177.47	-0.012228	5.72906	51.1794	-0.013125
2.60819	95.5681	102.831	835.047	1183.73	-0.004076	5.73031	51.4754	-0.011563
2.60919	95.2942	102.831	834.932	1188.67	-0.004076	5.72969	51.3768	-0.011563
2.61019	95.0203	102.146	838.874	1185.4	-0.004076	5.73094	51.5741	-0.012813
2.61119	95.2942	102.146	838.587	1183.76	0.024456	5.72719	52.0676	-0.01125
2.61219	95.5681	102.988	839.387	1184.3	-0.004076	5.72844	52.6104	-0.010625
2.61319	95.0203	102.694	838.93	1185.4	0.028532	5.72469	53.2519	-0.012188
2.61419	95.0203	102.694	838.587	1181.57	-0.018304	5.72219	53.4492	-0.012813
2.61519	95.0203	102.557	835.96	1207.11	-0.004076	5.72469	53.5479	-0.011875
2.61619	94.4724	102.694	835.96	1232.11	-0.024456	5.72469	53.3989	-0.010938
2.61719	95.2942	102.694	839.958	1237.02	-0.004076	5.73062	53.4492	-0.008563
2.61819	95.0203	102.694	834.475	1228.01	-0.004076	5.72844	53.3989	-0.012813
2.61919	95.0203	102.694	832.305	1200.69	0.024456	5.73281	53.2519	-0.011563
2.62019	95.2942	103.105	831.382	1178.52	0.024456	5.73125	53.2519	-0.012188
2.62119	95.2942	102.557	829.584	1160.13	-0.004076	5.73094	53.4492	-0.010313
2.62219	95.5681	102.694	829.584	1147.15	-0.004076	5.73406	53.992	-0.012188
2.62319	94.8833	102.694	830.384	1160.27	-0.004076	5.73594	54.2367	-0.011563
2.62419	95.0203	102.831	833.218	1187.58	-0.004076	5.73844	54.1401	-0.012188
2.62519	94.4724	102.694	835.818	1205.88	-0.004076	5.73906	54.3888	-0.011563
2.62619	95.0203	102.694	834.019	1214.63	-0.012228	5.74094	54.2367	-0.011563
2.62719	95.0203	102.988	835.96	1205.2	-0.004076	5.74187	54.6829	-0.011563
2.62819	94.8833	102.146	838.016	1205.47	-0.004076	5.73469	55.1763	-0.00875
2.62919	95.1572	102.831	839.958	1202.88	-0.004076	5.70869	55.7181	-0.012188
2.63019	95.0203	102.831	840.072	1203.7	-0.004076	5.69469	55.9658	-0.013438
2.63119	94.8833	102.146	839.958	1201.79	-0.004076	5.67562	56.558	-0.01125
2.63219	95.0203	102.557	838.93	1201.24	-0.004076	5.71469	56.4089	-0.010938
2.63319	94.8833	103.105	838.874	1237.84	-0.004076	5.75989	56.2125	-0.011875
2.63419	95.0203	102.694	840.301	1253.55	-0.004076	5.74375	56.3112	-0.010625
2.63519	95.0203	103.105	840.529	1258.15	-0.004076	5.74989	56.0152	-0.011875
2.63619	95.2942	102.988	838.531	1237.43	-0.004076	5.74594	56.0152	-0.010313
2.63719	95.1572	102.831	834.019	1208.89	-0.004076	5.74281	55.8204	-0.00875
2.63819	95.4312	102.988	832.991	1184.85	-0.004076	5.74082	55.8178	-0.01125
2.63919	95.2942	102.988	832.42	1168.32	-0.018304	5.73989	55.7884	-0.009375
2.64019	94.7463	102.988	831.183	1158.9	-0.004076	5.73937	56.1138	-0.013438
2.64119	94.7463	102.694	832.534	1179.93	-0.004076	5.73582	56.1138	-0.010625
2.64219	94.8833	102.631	836.531	1202.2	-0.004076	5.73531	56.3112	-0.010625
2.64319	95.0203	103.242	837.217	1222	-0.004076	5.73344	56.2125	-0.011563
2.64419	95.0203	102.146	838.189	1229.39	0.028532	5.73656	56.3112	-0.010838
2.64519	95.1572	102.831	838.245	1227.74	-0.004076	5.73094	56.4583	-0.012813
2.64619	94.8833	102.831	839.501	1227.74	-0.004076	5.73344	57.0021	-0.011563
2.64719	95.0203	102.694	840.986	1222.96	-0.004076	5.73582	57.3968	-0.012813
2.64819	94.7463	102.146	840.415	1220.83	-0.004076	5.73469	57.8903	-0.010938
2.64919	94.8833	103.242	840.529	1214.35	-0.004076	5.73781	58.4331	-0.010938
2.65019	94.8833	102.988	839.044	1223.09	-0.004076	5.73906	58.3637	-0.009375
2.65119	94.4724	102.694	838.702	1262.98	-0.004076	5.73989	58.137	-0.011875

2.65219	94.4724	102.148	842.813	1272.54	-0.004078	5.74437	58.137	-0.010313
2.65319	94.8833	102.148	839.958	1274.99	-0.004078	5.74489	57.7916	-0.010938
2.65419	95.2942	102.694	836.417	1260.68	0.02038	5.74844	57.5942	-0.010313
2.65519	95.2942	102.694	835.047	1223.64	0.02038	5.74781	57.5942	-0.010625
2.65619	94.4724	102.694	834.818	1204.78	0.02038	5.74719	57.4955	-0.012188
2.65719	94.8094	102.831	833.219	1189.36	0.02038	5.72908	57.8409	-0.010938
2.65819	94.7483	102.831	833.219	1188.49	-0.016304	5.70344	57.9889	-0.011583
2.65919	95.2942	102.988	835.389	1217.49	-0.004078	5.68825	58.0676	-0.011583
2.66019	94.8833	101.871	838.245	1234.88	-0.004078	5.68856	58.1863	-0.011583
2.66119	95.2942	102.988	838.567	1250.27	-0.004078	5.75489	58.137	-0.007813
2.66219	95.0203	102.148	838.189	1243.31	-0.004078	5.74094	57.9889	-0.011563
2.66319	95.0203	102.009	838.245	1241.12	0.02038	5.74594	58.1863	-0.011563
2.66419	94.8094	102.988	840.301	1238.12	-0.004078	5.74281	58.8798	-0.012188
2.66519	94.4724	102.988	840.301	1238.21	-0.004078	5.74158	58.7785	-0.013438
2.66619	94.8833	102.831	840.415	1236.75	-0.004078	5.74489	59.0745	-0.012813
2.66719	95.2942	102.988	840.415	1233.08	-0.004078	5.74344	59.3213	-0.011583
2.66819	95.0203	102.831	839.273	1253.55	-0.004078	5.74344	59.0745	-0.011875
2.66919	94.7483	102.988	840.188	1284.28	-0.057085	5.73989	59.0745	-0.010938
2.67019	94.4724	102.988	843.498	1293.3	-0.199727	5.74187	58.5811	-0.009375
2.67119	95.1572	102.988	840.301	1288.79	-0.917113	5.7375	58.1863	-0.010938
2.67219	95.0203	102.148	838.359	1282.7	-2.28221	5.73719	58.1863	-0.010313
2.67319	94.8833	102.694	836.874	1238.94	-2.49047	5.73594	58.3344	-0.01125
2.67419	94.7483	102.148	834.59	1220.23	-2.01357	5.74084	58.5317	-0.011563
2.67519	94.8833	102.831	833.904	1203.43	-1.68341	5.73868	58.7785	-0.013438
2.67619	95.0203	102.009	834.133	1209.44	-1.40624	5.74084	58.9758	-0.011875
2.67719	95.4312	102.831	836.874	1238.12	-1.26785	5.74408	59.1732	-0.011563
2.67819	95.0203	102.557	839.387	1255.6	-1.38178	5.74408	58.7785	-0.012813
2.67919	95.0203	102.694	836.417	1267.35	-1.67118	5.74594	58.7785	-0.012188
2.68019	95.0203	103.242	837.331	1259.29	-1.88684	5.74312	58.7785	-0.013125
2.68119	94.8833	102.988	839.158	1258.6	-1.88972	5.74813	59.0745	-0.011875
2.68219	94.8833	102.694	840.988	1255.87	-1.58928	5.74844	59.588	-0.010313
2.68319	95.0203	102.694	842.585	1255.8	-1.6182	5.75084	59.9827	-0.008125
2.68419	95.1572	102.988	840.988	1254.23	-1.70767	5.74813	60.2588	-0.012188
2.68519	95.1572	103.242	840.988	1251.5	-1.68711	5.72489	60.5055	-0.010938
2.68619	95.0203	102.694	838.245	1281.82	-1.83042	5.70489	60.6042	-0.01125
2.68719	94.8833	102.988	841.214	1304.22	-1.61412	5.68844	60.0614	-0.010313
2.68819	95.0203	102.831	842.899	1311.05	-1.6182	5.68594	59.7854	-0.010313
2.68919	95.4312	102.831	838.587	1300.87	-1.6345	5.75688	59.3213	-0.014888
2.69019	94.4724	102.694	837.331	1273.63	-1.58928	5.75219	59.588	-0.011563
2.69119	94.8833	102.557	836.417	1261.5	-1.60189	5.75219	59.4693	-0.010938
2.69219	94.8833	102.148	834.59	1232.24	-1.60189	5.74844	59.864	-0.010938
2.69319	95.0203	102.694	833.904	1218.45	-1.6182	5.74989	59.9134	-0.012188
2.69419	95.2942	102.988	834.133	1234.29	-1.58968	5.74844	60.3575	-0.011563
2.69519	95.5881	102.694	837.217	1258.19	-1.59374	5.74489	60.3575	-0.0125
2.69619	95.0203	102.831	838.702	1277.18	-1.57336	5.74219	60.4562	-0.012813
2.69719	95.4312	102.988	836.417	1282.92	-1.57744	5.74856	60.3082	-0.01125
2.69819	94.4724	102.694	836.648	1275.81	-1.59374	5.74489	60.3575	-0.011563
2.69919	94.8833	102.148	839.044	1274.72	-1.58928	5.74489	60.8016	-0.012188
2.70019	94.8833	102.988	839.815	1271.17	-1.58928	5.74594	61.147	-0.01125
2.70119	94.8833	102.694	840.529	1272.54	-1.52037	5.74844	61.8405	-0.011563
2.70219	95.0203	102.694	840.872	1289.8	-1.54075	5.74989	62.2328	-0.010938
2.70319	94.8833	102.557	840.301	1268.71	-1.5926	5.74781	62.0352	-0.011563

2.70419	95.0203	102.831	838.473	1305.32	-1.52037	5.75281	61.9365	-0.010938
2.70519	95.4312	102.694	840.986	1316.79	-1.54075	5.75094	61.7391	-0.011563
2.70619	95.4312	102.968	840.529	1317.61	-1.53887	5.74906	60.6536	-0.014688
2.70719	94.4724	102.694	837.559	1297.94	-1.49591	5.75158	60.999	-0.013438
2.70819	95.5681	102.968	836.417	1266.8	-1.46738	5.75281	61.147	-0.012813
2.7092	95.0203	102.968	834.932	1244.4	-1.47553	5.75219	61.0977	-0.0125
2.7102	95.0203	102.968	833.676	1230.06	-1.43885	5.75719	61.4431	-0.011563
2.7112	95.2942	102.694	833.219	1223.84	-1.45108	5.75489	61.1964	-0.012188
2.7122	95.0203	103.242	834.932	1251.23	-1.40824	5.74844	61.8405	-0.010938
2.7132	94.4724	102.694	838.473	1279.23	-1.44293	5.72281	61.6898	-0.011875
2.7142	95.0203	102.694	838.702	1300.87	-1.45515	5.70082	62.0846	-0.012188
2.7152	95.4312	102.968	838.874	1303.4	-1.42682	5.67989	62.1832	-0.013438
2.7162	95.5681	102.831	837.559	1292.48	-1.40824	5.69158	62.6273	-0.011875
2.7172	94.8833	102.694	839.844	1284.83	-1.41847	5.76312	62.3313	-0.012188
2.7182	94.8833	102.694	839.387	1278.55	-1.39909	5.75082	63.4189	-0.011875
2.7192	95.0203	102.694	839.815	1278	-1.38178	5.75344	63.6838	-0.010313
2.7202	95.0203	103.242	839.815	1277.45	-1.37363	5.75281	63.9597	-0.010313
2.7212	94.8833	102.831	838.473	1286.74	-1.35733	5.7575	64.2557	-0.009375
2.7222	95.0203	101.871	837.874	1325.67	-1.35733	5.75344	63.8116	-0.010313
2.7232	95.0203	102.694	840.986	1335.36	-1.31657	5.75094	63.6142	-0.011875
2.7242	95.0203	102.968	840.872	1337.28	-1.36548	5.74989	63.4189	-0.011875
2.7252	95.0203	103.242	837.331	1316.38	-1.32472	5.74875	63.3182	-0.011563
2.7262	95.0203	102.694	836.646	1290.29	-1.29619	5.74719	63.5158	-0.011563
2.7272	94.8833	102.968	835.732	1270.9	-1.30026	5.74719	63.9103	-0.009888
2.7282	95.1572	102.968	833.676	1253.28	-1.33895	5.74489	63.4189	-0.014063
2.7292	94.8833	102.146	833.676	1248.22	-1.27561	5.74937	64.2064	-0.012188
2.7302	94.8833	103.242	835.047	1274.45	-1.28358	5.74875	64.7985	-0.013125
2.7312	94.4724	102.694	838.473	1294.39	-1.2432	5.75158	64.3051	-0.013438
2.7322	95.0203	102.146	837.331	1310.23	-1.25135	5.75187	64.2557	-0.013125
2.7332	94.8833	102.831	836.303	1306.68	-1.24727	5.74844	64.5618	-0.010313
2.7342	94.8833	102.831	838.245	1302.31	-1.18208	5.75281	64.3051	-0.012188
2.7352	95.5681	102.694	839.501	1299.85	-1.2432	5.75344	64.8998	-0.012188
2.7362	94.7483	102.694	839.844	1297.39	-1.21467	5.75437	65.3907	-0.011563
2.7372	95.0203	102.557	840.072	1297.53	-1.21058	5.75856	65.5387	-0.010938
2.7382	95.5681	102.968	839.844	1293.57	-1.19838	5.75908	65.9828	-0.013125
2.7392	94.8833	102.831	839.473	1304.22	-1.21874	5.75489	65.44	-0.013438
2.7402	95.1572	102.831	838.473	1342.47	-1.19838	5.74489	65.5387	-0.013438
2.7412	95.2942	102.831	842.585	1352.16	-1.16883	5.72219	65.588	-0.012188
2.7422	94.1985	102.694	840.986	1354.35	-1.16575	5.70094	65.292	-0.010625
2.7432	95.0203	102.146	838.245	1329.63	-1.12499	5.69031	65.3907	-0.011563
2.7442	95.0203	102.146	836.646	1302.86	-1.13722	5.75158	65.292	-0.012813
2.7452	95.5681	102.694	834.69	1281.28	-1.09238	5.76887	65.4893	-0.010625
2.7462	95.2942	102.694	833.219	1262.98	-1.12907	5.75781	65.7854	-0.012188
2.7472	95.0203	103.242	833.582	1259.97	-1.11684	5.75938	65.8348	-0.012813
2.7482	95.0203	102.831	836.189	1288.52	-1.09646	5.75719	65.8841	-0.012813
2.7492	94.8833	102.694	839.158	1306.05	-1.072	5.75594	65.6867	-0.012813
2.7502	94.7483	102.694	836.303	1322.93	-1.11276	5.75344	65.0848	-0.014063
2.7512	94.8833	102.831	835.732	1317.61	-1.08423	5.75489	65.8348	-0.012813
2.7522	94.8833	102.694	837.559	1314.33	-1.05182	5.75344	66.0815	-0.010313
2.7532	94.3355	102.557	839.387	1310.92	-1.02717	5.74989	66.1802	-0.012188
2.7542	95.0203	102.968	840.529	1309.41	-1.02309	5.75219	66.8738	-0.010313
2.7552	94.7483	103.242	841.329	1309.69	-1.00271	5.74989	66.9203	-0.011563

2.7582	94.8094	102.831	841.214	1306.41	-0.966028	5.74837	66.6736	-0.010313
2.7572	95.0203	103.105	838.83	1322.53	-0.986407	5.75281	66.5749	-0.010938
2.7582	95.0203	103.105	839.044	1356.94	-0.978254	5.75219	66.4269	-0.011563
2.7592	95.2942	103.242	843.27	1363.5	-0.949722	5.76531	65.9828	-0.012188
2.7602	95.0203	103.517	840.301	1359.95	-0.970102	5.75281	65.7361	-0.011875
2.7612	95.0203	102.831	837.674	1332.38	-1.01088	5.75094	65.0848	-0.012813
2.7622	94.4724	103.105	838.874	1306.68	-0.925268	5.75594	65.8374	-0.012813
2.7632	94.8833	102.146	835.503	1285.92	-0.933418	5.75781	66.2295	-0.010938
2.7642	94.7463	102.694	834.381	1269.53	-0.900809	5.75989	66.4269	-0.011875
2.7652	94.8833	102.557	834.133	1270.08	-0.884505	5.76594	66.5749	-0.011563
2.7662	95.1572	103.105	838.531	1299.72	-0.868201	5.76531	66.3775	-0.012813
2.7672	94.7463	102.146	839.615	1318.97	-0.884505	5.75219	66.1802	-0.011563
2.7682	95.0203	102.968	836.303	1332.38	-0.884505	5.73219	65.8841	-0.011563
2.7692	94.4724	102.694	838.874	1325.94	-0.876353	5.71187	66.0815	-0.010313
2.7702	95.0203	103.517	838.13	1321.98	-0.855973	5.70281	66.1802	-0.010313
2.7712	94.8833	102.968	839.958	1320.34	-0.839688	5.76437	66.3775	-0.010938
2.7722	94.4724	102.694	841.329	1316.52	-0.855973	5.77281	66.6243	-0.010938
2.7732	95.2942	102.968	840.415	1315.87	-0.811138	5.76719	67.019	-0.014376
2.7742	95.4312	102.831	840.072	1310.23	-0.819288	5.77156	67.2164	-0.014376
2.7752	94.8833	102.146	838.702	1327.58	-0.778527	5.76869	66.5749	-0.011563
2.7762	95.0203	102.557	839.158	1357.76	-0.770375	5.76825	66.0321	-0.011563
2.7772	95.0203	102.146	842.128	1356.94	-0.78868	5.76719	65.44	-0.010938
2.7782	94.8833	102.968	839.044	1343.7	-0.758147	5.78187	65.0848	-0.010938
2.7792	95.0203	102.968	836.189	1310.23	-0.782223	5.75844	64.5024	-0.011563
2.7802	94.7463	102.968	835.047	1284.56	-0.745919	5.75489	64.7985	-0.0125
2.7812	94.8833	102.694	835.047	1276.09	-0.749995	5.75489	64.8479	-0.011875
2.7822	94.8833	102.694	835.275	1271.44	-0.729815	5.75187	65.1833	-0.012813
2.7832	95.0203	103.105	838.874	1279.91	-0.754071	5.75375	65.7854	-0.010313
2.7842	95.0203	102.831	838.874	1311.8	-0.721483	5.75812	65.8841	-0.01375
2.7852	95.0203	102.146	840.529	1328.28	-0.697008	5.75719	66.2789	-0.012813
2.7862	95.1572	102.968	838.018	1337.68	-0.71331	5.75989	66.0815	-0.011563
2.7872	95.0203	102.694	838.245	1327.31	-0.705158	5.78281	65.9828	-0.011563
2.7882	94.8833	102.694	840.072	1323.07	-0.678826	5.76344	66.4762	-0.009375
2.7892	94.8833	102.146	841.329	1321.16	-0.680322	5.76408	66.6736	-0.012188
2.7902	95.0203	103.517	840.988	1320.89	-0.627713	5.76594	67.019	-0.012188
2.7912	95.0203	103.105	840.529	1319.79	-0.684398	5.76719	67.4631	-0.011563
2.7922	94.8833	103.105	839.158	1314.19	-0.658248	5.78844	67.3844	-0.011563
2.7932	94.7463	102.831	837.788	1336.73	-0.639941	5.76469	67.2164	-0.011563
2.7942	94.7463	102.968	840.186	1363.91	-0.65217	5.74219	68.871	-0.010625
2.7952	95.0203	103.242	842.128	1399.51	-0.635885	5.71989	68.0815	-0.014063
2.7962	95.0203	102.968	839.844	1362	-0.595105	5.70158	66.5749	-0.011875
2.7972	95.0203	103.517	837.559	1332.91	-0.591029	5.70858	66.1802	-0.011563
2.7982	95.0203	102.968	838.417	1308.67	-0.595105	5.77658	66.2789	-0.015313
2.7992	94.3355	102.557	834.381	1290.29	-0.589181	5.76531	66.8243	-0.012188
2.8002	95.2942	102.968	835.275	1276.09	-0.574724	5.76844	66.9203	-0.011563
2.8012	95.2942	103.105	835.98	1283.05	-0.582486	5.76344	67.1177	-0.01125
2.8022	94.8833	102.968	838.13	1311.05	-0.55842	5.78219	68.9897	-0.013438
2.8032	95.2942	103.242	840.529	1330.72	-0.509507	5.78219	67.0884	-0.011563
2.8042	95.0203	103.854	837.788	1340.55	-0.533984	5.78344	68.9203	-0.010938
2.8052	94.7463	102.831	839.615	1332.38	-0.542116	5.75838	68.9203	-0.009063
2.8062	94.4724	103.105	839.615	1330.72	-0.525812	5.75844	67.2658	-0.013125
2.8072	95.2942	103.517	841.443	1328.28	-0.493203	5.75658	68.0059	-0.011875

2.8082	95.5681	102.968	841.671	1329.08	-0.485051	5.75781	68.0059	-0.011875
2.8092	94.7463	102.831	841.9	1326.26	-0.478899	5.75844	68.4994	-0.013125
2.8102	95.0203	103.242	840.886	1325.12	-0.452443	5.75969	68.5487	-0.012813
2.8112	95.0203	103.105	838.702	1351.21	-0.444291	5.75969	68.2526	-0.010938
2.8122	95.1572	103.105	841.329	1375.36	-0.436138	5.76219	67.9566	-0.012186
2.8132	94.7463	103.242	843.727	1379.82	-0.460595	5.76344	67.7099	-0.011563
2.8142	95.0203	102.968	840.072	1368.26	-0.436138	5.76219	67.3644	-0.012186
2.8152	94.8833	102.968	838.016	1337.68	-0.436138	5.76406	67.2658	-0.012813
2.8162	95.0203	102.968	838.359	1313.78	-0.411682	5.76531	67.6605	-0.008438
2.8172	94.1985	102.968	835.275	1295.62	-0.40363	5.76844	67.7099	-0.013438
2.8182	94.8833	102.968	835.275	1282.1	-0.415758	5.76969	68.5487	-0.009688
2.8192	94.8833	102.146	836.303	1282.89	-0.374997	5.77219	68.2033	-0.01125
2.8202	94.8833	102.968	839.844	1321.98	-0.370921	5.75969	68.2526	-0.010938
2.8212	95.0203	102.968	841.785	1340.55	-0.362789	5.73094	68.154	-0.010625
2.8222	94.8833	103.242	838.702	1349.3	-0.370921	5.71469	68.2526	-0.011563
2.8232	94.7463	102.968	840.072	1340.96	-0.346485	5.69594	67.9566	-0.01125
2.8242	95.2942	102.968	841.1	1339.19	-0.368845	5.75906	68.2033	-0.010938
2.8252	96.4312	102.968	842.357	1337	-0.346485	5.77469	68.5981	-0.012813
2.8262	95.1572	102.146	842.813	1335.64	-0.342389	5.76687	68.9435	-0.010938
2.8272	95.0203	103.105	843.156	1334.82	-0.322009	5.76969	69.0422	-0.010938
2.8282	94.8833	103.242	841.671	1330.99	-0.330161	5.76813	69.2395	-0.011563
2.8292	94.8833	103.38	839.615	1362	-0.297552	5.76906	69.6836	-0.011563
2.8302	94.8833	102.146	842.357	1382.86	-0.283478	5.7675	68.5487	-0.012813
2.8312	94.8833	102.968	844.184	1388.99	-0.281248	5.76375	68.1046	-0.0125
2.8322	94.3355	102.968	840.072	1372.24	-0.283478	5.75969	67.8579	-0.010625
2.8332	95.0203	103.242	838.93	1341.82	-0.264844	5.75719	67.7099	-0.010938
2.8342	94.1985	102.831	837.768	1318.15	-0.224183	5.75375	68.0553	-0.010938
2.8352	95.2942	102.968	838.075	1300.54	-0.264944	5.75594	68.302	-0.010938
2.8362	94.4724	103.105	838.648	1287.83	-0.252716	5.75844	68.8474	-0.009688
2.8372	95.0203	102.968	838.648	1300.81	-0.264944	5.76187	68.45	-0.01125
2.8382	95.2942	103.242	841.671	1328.53	-0.232335	5.76625	68.4007	-0.007813
2.8392	95.0203	103.242	841.443	1345.33	-0.232335	5.76219	68.45	-0.011875
2.8402	95.0203	102.146	838.587	1352.98	-0.236411	5.76312	68.0059	-0.010625
2.8412	95.0203	102.968	840.529	1341.51	-0.207878	5.76813	68.0553	-0.011875
2.8422	94.4724	102.968	840.986	1337.82	-0.218031	5.76844	68.0059	-0.010938
2.8432	94.4724	102.894	843.156	1332.09	-0.175271	5.77187	67.7592	-0.012186
2.8442	95.0203	102.968	843.156	1331.81	-0.187499	5.77344	67.9566	-0.012186
2.8452	95.0203	102.968	843.27	1330.72	-0.189042	5.77375	67.9566	-0.01125
2.8462	94.8833	103.105	842.128	1325.53	-0.187499	5.75969	67.4631	-0.012813
2.8472	95.4312	102.694	839.158	1357.49	-0.158966	5.73719	67.2858	-0.011563
2.84821	94.8833	102.968	843.042	1367.87	-0.142882	5.71812	68.5749	-0.013125
2.84921	95.0203	102.831	842.367	1367.32	-0.168988	5.70094	68.5749	-0.01125
2.85021	94.8833	103.105	839.729	1351.21	-0.13451	5.75781	68.0321	-0.014063
2.85121	95.0203	102.968	838.245	1325.12	-0.13451	5.77969	68.9697	-0.01125
2.85221	94.8833	103.105	838.473	1310.51	-0.110054	5.77219	68.723	-0.012813
2.85321	95.1572	102.968	838.417	1298.44	-0.093749	5.77469	67.3151	-0.010313
2.85421	95.2942	102.968	835.846	1284.83	-0.089873	5.77469	67.4138	-0.009375
2.85521	95.0203	102.894	838.874	1299.85	-0.110054	5.76781	67.4631	-0.008438
2.85621	94.4724	102.894	840.529	1323.89	-0.061141	5.76844	67.1671	-0.011875
2.85721	95.1572	102.968	841.785	1343.66	-0.065597	5.76719	67.1671	-0.011563
2.85821	95.0203	103.105	840.186	1348.3	-0.069293	5.76719	68.9697	-0.011563
2.85921	95.0203	103.105	841.329	1340.28	-0.069293	5.76187	68.8216	-0.010313

2.86021	94.7463	102.968	842.813	1339.19	-0.044837	5.76187	67.1671	-0.008125
2.86121	95.5681	103.242	842.357	1335.64	-0.073369	5.75969	67.4631	-0.011875
2.86221	94.7463	102.968	842.471	1335.09	-0.052989	5.75969	67.7582	-0.010313
2.86321	95.0203	102.146	842.813	1332.22	-0.024456	5.76406	68.9513	-0.010313
2.86421	95.2942	102.831	840.966	1332.63	-0.024456	5.76219	67.8578	-0.012813
2.86521	95.4312	102.831	839.615	1368.89	-0.028532	5.76719	67.6605	-0.011875
2.86621	94.8833	102.557	843.042	1381.53	-0.024456	5.76687	66.9203	-0.011563
2.86721	95.2942	103.105	842.585	1385.35	-0.008152	5.76844	66.2789	-0.010313
2.86821	95.2942	102.694	838.473	1363.5	-0.036685	5.76719	65.7854	-0.010938
2.86921	95.0203	102.968	836.646	1332.38	-0.040761	5.76937	65.8841	-0.010313
2.87021	95.2942	102.831	836.189	1308.87	-0.032609	5.77094	65.9828	-0.011563
2.87121	95.1572	102.831	835.96	1290.7	-0.024456	5.76908	66.0815	-0.010313
2.87221	95.5681	102.968	835.96	1280.87	-0.032609	5.74781	65.7854	-0.013438
2.87321	95.1572	102.146	836.874	1303.68	-0.004076	5.72813	65.8841	-0.012813
2.87421	94.7463	102.968	841.214	1327.99	-0.004076	5.70969	65.4893	-0.010938
2.87521	95.0203	102.831	841.329	1347.11	-0.02038	5.70908	66.1933	-0.010938
2.87621	94.8833	102.831	839.044	1350.93	-0.004076	5.76625	65.0946	-0.010938
2.87721	94.7463	102.968	841.214	1343.29	-0.012228	5.77344	65.0946	-0.01125
2.87821	95.1572	102.831	842.357	1341.92	0.036685	5.77344	65.44	-0.011563
2.87921	95.0203	103.105	843.727	1338.37	-0.004076	5.77625	65.8841	-0.010938
2.88021	94.4724	102.557	843.156	1337.82	-0.008152	5.77156	66.2789	-0.011563
2.88121	95.0203	103.242	842.128	1332.09	-0.012228	5.77406	66.2789	-0.011563
2.88221	94.7463	103.38	841.214	1334	-0.004076	5.77156	66.0321	-0.009688
2.88321	94.7463	102.694	838.702	1371.42	-0.004076	5.76969	65.6967	-0.012188
2.88421	95.2942	103.105	841.9	1362.07	-0.004076	5.76869	65.2428	-0.012188
2.88521	95.0203	102.694	841.329	1384.87	-0.004076	5.76808	64.8859	-0.010313
2.88621	95.0203	102.694	837.674	1359.13	-0.004076	5.76844	64.4531	-0.011563
2.88721	94.8833	102.968	836.874	1327.99	-0.004076	5.76719	64.5024	-0.012188
2.88821	95.0203	102.831	835.96	1306.41	-0.004076	5.76687	64.3051	-0.010313
2.88921	95.0203	102.968	835.047	1289.08	0.057065	5.76719	64.5024	-0.010938
2.89021	94.7463	103.105	835.503	1282.1	-0.004076	5.76687	64.3051	-0.012188
2.89121	95.0203	102.146	836.76	1309.28	0.028532	5.76844	64.3051	-0.010938
2.89221	95.1572	102.968	840.966	1330.45	-0.004076	5.76908	64.2064	-0.011875
2.89321	95.2942	102.831	839.844	1350.39	-0.004076	5.76969	63.6636	-0.010938
2.89421	95.1572	102.694	838.245	1349.84	-0.004076	5.77344	63.7129	-0.014063
2.89521	94.8833	102.146	840.415	1341.92	-0.008152	5.77406	63.9697	-0.014063
2.89621	94.4724	102.694	841.557	1341.51	0.02038	5.77312	64.2557	-0.011563
2.89721	94.7463	102.694	841.9	1338.37	-0.004076	5.76844	64.4531	-0.014375
2.89821	94.7463	102.831	842.242	1337.28	-0.004076	5.74437	64.9485	-0.009688
2.89921	95.0203	102.694	841.671	1333.45	-0.004076	5.72344	64.9485	-0.011875
2.90021	94.8833	102.968	838.702	1337.82	0.040761	5.70469	65.0452	-0.011875
2.90121	95.0203	102.694	838.245	1375.25	-0.004076	5.73908	64.3051	-0.011875
2.90221	95.1572	102.831	841.785	1384.53	-0.004076	5.79094	64.157	-0.012813
2.90321	94.7463	102.968	840.186	1382.76	-0.004076	5.77531	63.7129	-0.010938
2.90421	94.8833	103.105	836.646	1355.71	-0.008152	5.77656	63.2195	-0.00875
2.90521	94.3355	102.694	835.047	1325.29	-0.008152	5.77156	62.726	-0.012813
2.90621	94.3355	102.694	834.133	1304.5	-0.004076	5.77719	62.726	-0.013438
2.90721	95.0203	102.968	833.219	1288.38	0.028532	5.77719	63.5156	-0.010313
2.90821	95.5681	102.694	834.381	1282.78	-0.004076	5.77761	62.9234	-0.01125
2.90921	95.0203	102.968	838.303	1311.46	-0.004076	5.77908	62.9234	-0.012813
2.91021	95.0203	103.242	840.072	1331.13	-0.004076	5.77531	62.8741	-0.011875
2.91121	95.0203	103.105	838.473	1346.97	0.061141	5.77469	62.43	-0.0125